

The Renewable Solutions Provider
Making a World of Difference

Living Environment Systems

2017 Price List



Air Conditioning | Heating
Ventilation | Controls

Welcome to Mitsubishi Electric Living Environment Systems



Air Conditioning

Heating

Ventilation

Controls

Services

Mitsubishi Electric Living Environment Systems is a market leader in providing solutions to cool, heat, ventilate and control our buildings.

As a major manufacturer of some of these pivotal technologies, we hold the UK's energy challenges close to our heart. We want to help the nation achieve its climate goals; we want to help individuals and businesses reduce the energy consumption of their buildings, whilst also helping to reduce their annual running costs.

Founded in 1921, with many of those years spent at the forefront of the air conditioning industry, we have led the way in the use of innovative, energy efficient, heat pump technology. Mitsubishi Electric has evolved, and today our areas of expertise go way beyond advanced air conditioning systems that formed the foundation of our business.

Here in the UK, our Living Environment Systems division provides advanced solutions that cool, heat, ventilate and control buildings in the most energy efficient and cost effective ways possible.

With performance and efficiency central to our business, we are leading the way to a more sustainable future through high performance products and controls that maximise comfort, minimise cost and reduce carbon emissions.

Through our technical expertise, long experience and innovative product range, we enable buildings everywhere to significantly improve energy efficiency, reduce running costs and adhere to increasingly tough legislation.

Towards a better use of energy in buildings

A strong commitment to the environment remains a long-term goal of Mitsubishi Electric under its global framework for realising a sustainable planet - Environmental Vision 2021. In the UK, this vision translates into our Green Gateway philosophy which is central to the way we do business. With this initiative, we are seeking to use our position as a manufacturer of key technologies to increase awareness and improve energy use in the built environment.

By constantly challenging everyone involved to combat the issues we all face and encourage constructive dialogue throughout the industry, we aim to help everyone address their energy use and to work towards a more sustainable future.

Working within the construction industry in this way and developing energy efficient cooling, heating and ventilation solutions - all managed by the most advanced control systems available.

At Mitsubishi Electric we believe we can truly make a world of difference.



Contents

Air Conditioning

1

Heating

2

Ventilation

3

Controls

4

Services

5



The Renewable Solutions Provider
Making a World of Difference

Air Conditioning



Air Conditioning | Heating
Ventilation | Controls





Energy Efficient Air Conditioning Systems



The need for air conditioning

Today's commercial buildings are increasingly air tight and filled with heat generating office equipment and lighting, which presents a problem for anyone trying to maintain a stable and comfortable internal environment. With buildings accounting for around half of all UK greenhouse emissions, legislation is demanding higher standards of air quality and increased energy efficiency.

To reduce the impact of the built environment, the challenge is to find cooling, heating, ventilation and control solutions that match energy efficiency with complete flexibility of design and control.

Our innovative and pioneering air conditioning systems offer more than double the efficiency levels of 10-15 year old systems and can also be far more efficient than traditional methods of cooling and heating buildings, resulting in reduced running costs and lower carbon emissions.

Today's systems can simultaneously heat and cool different spaces to balance energy use across a building and sanitary hot water can even be supplied from the same system.



Energy Efficient Air Conditioning Systems



The benefits of our air conditioning

As a market leader, we pride ourselves in providing high performance and competitive systems with low running costs.

By utilising heat pump technology, our air conditioning units not only provide cooling, but also heating and often sanitary hot water. Heat pump technology requires only a small amount of electricity to harvest, upgrade and move heat from one location to another and providing heating and hot water as part of an integrated air conditioning system is far more efficient than traditional heating methods such as gas.

Outstanding benefits

- Efficient and extensive product range ideal for a variety of buildings, from small retail outlets, up to vast multi-storey office complexes
- Air conditioning units which can upgrade 'free' energy from a range of natural sources including air, ground and water
- Our pioneering technology has led the way over the last decade with advances in energy efficiency through inverter technology, refrigerant and compressor design and control solutions
- We measure and report true seasonal efficiency to provide accurate performance data
- Dedicated Partner Programme for air conditioning installers
- Reliable technical support and training at every step of the way



Energy Efficient Air Conditioning Systems

- M Series
- Mr Slim
- Multi-Splits
- City Multi
- Heating Only

1.2

1.3

1.4

1.5

1.6

Contents



The Renewable Solutions Provider
Making a World of Difference

M Series

Room Air Conditioning



Air Conditioning | Heating
Ventilation | Controls





The Adaptable M Series Range



Designed to cool or heat small to medium sized spaces, such as retail units and small offices, the M Series splits range provides a versatile, yet affordable air conditioning solution.

Quick to install, the range includes one of the quietest units on the market. Also available in a variety of options, the M Series range fits in wherever its needed. Indoor units can be wall or floor mounted.

Wall Mount Systems

- Cost effective Classic Inverter series
- Inverter series designed to suit popular demand
- Stylish Zen indoor series in black, silver or white
- Top of the range High COP Inverter series

Floor Mount Systems

- Extremely versatile
- Designed for wall installation at floor level
- Compact design makes installation easy
- 3 models available including 2.5kW-5.0kW

Operational Range

Operation range	MUZ-DM	MUZ-SF/GF/FH/EF MUZF-KJ
Cooling	-10°C to +46°C	-10°C to +46°C
Heating	-10°C to +24°C	-15°C to +24°C

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB; outdoor 35°C DB, 24°C WB.

Nominal Conditions: Heating; indoor 20°C DB; outdoor 7°C DB, 6°C WB.

UK Conditions: Summer; indoor 21°C DB, 15°C WB; outdoor 27°C DB.

UK Conditions: Winter; indoor 21°C DB; outdoor 0°C DB, -1°C WB.

The Adaptable M Series Range

Contents

MSZ-DM Inverter Heat Pump Classic Wall Mounted System	1.2.4
MSZ-SF/GF Inverter Heat Pump Wall Mounted System	1.2.5
MSZ-FH Inverter Heat Pump Wall Mounted System	1.2.6
MSZ-EF Zen Inverter Heat Pump Wall Mounted System	1.2.7
MFZ-KJ Inverter Heat Pump Floor Mounted System	1.2.8
Accessories / Optional Extras	1.2.9



MSZ-DM Inverter Heat Pump

Classic Wall Mounted System

MSZ-DM - INDOOR UNITS		MSZ-DM25VA	MSZ-DM35VA
CAPACITY (kW)	Heating (nominal)	3.15 (0.9-4.4)	3.6 (0.9-4.8)
	Cooling (nominal)	2.5 (0.9-3.0)	3.1 (1.0-3.7)
	Heating (UK)	2.61 (0.74-3.65)	2.99 (0.74-3.98)
	Cooling (UK)	2.48 (0.89-2.97)	3.12 (0.99-3.67)
SHF (nominal & UK)		0.89	0.87
COP / EER (nominal)		3.71 / 3.52	3.69 / 3.04
SCOP / SEER (BS EN14825)		4.1 / 5.8	4.3 / 5.7
EP ENERGY EFFICIENCY CLASS		A+ / A+	A+ / A+
AIRFLOW (l/s)		58-92-125-166 / 63-92-122-158	58-92-125-172 / 63-95-130-182
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")
	Liquid	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBa) Heating/Cooling - Lo-Mi-Hi-SupHi		23-30-37-43 / 22-30-37-43	23-30-37-43 / 22-30-37-43
SOUND POWER LEVEL (dBa)		57	57
DIMENSIONS (mm) Width x Depth x Height		799 x 232 x 290	799 x 232 x 290
WEIGHT (kg)		9	9
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz
FUSE RATING (BS88) - HRC (A)		10	10
INTERCONNECTING CABLE No. CORES		4	4

INDOOR PRICE

£182

£215

MUZ-DM - OUTDOOR UNITS		MUZ-DM25VA	MUZ-DM35VA
SOUND PRESSURE LEVEL (dBa) Heating/Cooling		50 / 50	51 / 51
SOUND POWER LEVEL (dBa) Cooling		63	64
WEIGHT (kg)		24	25
DIMENSIONS (mm) Width x Depth x Height		699 x 249 x 538	699 x 249 x 538
ELECTRICAL SUPPLY		Fed by Indoor Unit	Fed by Indoor Unit
PHASE		Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.85 / 0.71	0.975 / 1.020
	Heating/Cooling (UK)	0.77 / 0.56	0.88 / 0.81
STARTING CURRENT (A)		4.1	4.8
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		4.1 / 3.6 [5.8]	4.7 / 4.8 [6.5]
FUSE RATING (BS88) - HRC (A)		10	10
MAINS CABLE No. CORES		3	3
MAX PIPE LENGTH (m)		20	20
MAX HEIGHT DIFFERENCE (m)		12	12
CHARGE R410A (kg) - 7m		0.70	0.72

OUTDOOR PRICE

£268

£308

SYSTEM PRICE

£450

£523



MSZ-SF/GF Inverter Heat Pump

Wall Mounted System

MSZ-SF/GF - INDOOR UNITS		MSZ-SF20VA	MSZ-SF25VE3	MSZ-SF35VE3	MSZ-SF50VE3	MSZ-GF60VE2	MSZ-GF71VE2
CAPACITY (kW)	Heating (nominal)	-	3.2 (1.0-4.1)	4.0 (1.3-4.6)	5.8 (1.4-7.3)	6.8 (2.0-9.3)	8.1 (2.2-9.9)
	Cooling (nominal)	-	2.5 (0.9-3.4)	3.5 (1.1-3.8)	5.0 (1.4-5.4)	6.0 (1.4-7.5)	7.1 (2.0-8.7)
	Heating (UK)	-	2.66 (0.83-3.41)	3.32 (1.1-3.82)	4.8 (1.16-6.06)	5.65 (1.66-7.73)	6.73 (1.83-8.23)
	Cooling (UK)	-	2.5 (0.89-3.37)	3.47 (1.1-3.77)	4.96 (1.38-5.35)	5.95 (1.38-7.44)	7.0 (1.98-8.63)
SHF (nominal & UK)		-	0.92	0.80	0.70	0.79	0.78
COP / EER (nominal)		-	4.10 / 4.17	3.88 / 3.24	3.41 / 3.01	3.76 / 3.41	3.63 / 3.33
SCOP / SEER (BS EN14825)		-	4.4 / 7.6	4.4 / 7.2	4.4 / 7.2	4.3 / 6.8	4.2 / 6.8
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	-	A+ / A++	A+ / A++	A+ / A++	A+ / A++	A+ / A++
AIRFLOW (l/s)	Heating - Silent-Low-Mid-Hi-Shi	62-73-83-100-115	58-68-112-137-172	58-68-112-138-183	93-107-133-163-200	163-188-223-260-305	170-192-222-257-297
	Cooling - Silent-Low-Mid-Hi-Shi	58-65-77-92-115	58-68-92-120-152	58-68-93-120-152	93-103-117-137-165	163-188-223-260-305	162-192-222-257-297
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")
	Heating/Cooling - Silent-Low-Mid-Hi-Shi	21-26-30-35 / 21-26-30-35	19-24-34-39-45 / 19-24-30-36-42	19-24-34-40-46 / 19-24-30-36-42	28-33-38-43-49 / 28-33-36-40-45	29-37-41-45-49 / 29-37-41-45-49	30-37-41-45-49 / 30-37-41-45-49
SOUND PRESSURE LEVEL (dBA)		-	57	57	58	65	65
SOUND POWER LEVEL (dBA)		-	57	57	58	65	65
DIMENSIONS (mm)	Width x Depth x Height	760 x 168 x 250	798 x 195 x 299	798 x 195 x 299	798 x 195 x 299	1100 x 238 x 325	1100 x 238 x 325
WEIGHT (kg)		7.7	10	10	10	16	16
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4	4	4	4

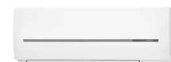
INDOOR PRICE	£197	£202	£242	£328	£357	£483
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MUZ-SF/GF - OUTDOOR UNITS		N/A MULTI-SPLIT ONLY	MUZ-SF25VE	MUZ-SF35VE	MUZ-SF50VE	MUZ-GF60VE2	MUZ-GF71VE
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	48 / 47	50 / 49	52 / 52	55 / 55	55 / 55
	Cooling	-	58	62	65	65	65
SOUND POWER LEVEL (dBA)		-	31	31	31	50	53
WEIGHT (kg)		-	31	31	55	50	53
DIMENSIONS (mm)	Width x Depth x Height	-	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880
ELECTRICAL SUPPLY		-	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		-	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	-	0.780 / 0.600	1.030 / 1.080	1.700 / 1.660	1.810 / 1.790	2.230 / 2.130
	Heating/Cooling (UK)	-	0.71 / 0.49	0.94 / 0.87	1.55 / 1.34	1.65 / 1.45	2.03 / 1.73
STARTING CURRENT (A)		-	3.9	4.9	7.6	8.0	9.8
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	-	3.9 / 3.2 [8.4]	4.7 / 4.8 [8.5]	7.6 / 7.4 [12.3]	8.0 / 7.9 [14.5]	9.8 / 9.3 [16.6]
FUSE RATING (BS88) - HRC (A)		-	10	10	16	20	20
MAINS CABLE No. CORES		-	3	3	3	3	3
MAX PIPE LENGTH (m)		-	20	20	30	30	30
MAX HEIGHT DIFFERENCE (m)		-	12	12	15	15	15
CHARGE R410A (kg)		-	0.7 (7m)	0.8 (7m)	1.55 (7m)	1.55 (10m)	1.90 (10m)
OUTDOOR PRICE		-	£356	£404	£517	£556	£725
SYSTEM PRICE		-	£558	£646	£845	£913	£1,208

MSZ-SF20VA only available with MX2 Multi-Split outdoor units

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges



MSZ-FH Inverter Heat Pump

Wall Mounted System

MSZ-FH - INDOOR UNITS		MSZ-FH25VE2	MSZ-FH35VE2
CAPACITY (kW)	Heating (nominal)	3.2 (1.8-5.5)	4.0 (1.0-6.3)
	Cooling (nominal)	2.5 (1.4-3.5)	3.5 (0.8-4.0)
	Heating (UK)	2.65 (1.49-4.57)	3.3 (0.8-5.2)
	Cooling (UK)	2.48 (1.38-3.47)	3.47 (0.79-3.97)
SHF (nominal & UK)		0.95	0.84
COP / EER (nominal)		5.52 / 5.15	5.00 / 4.27
SCOP / SEER (BS EN14825)		5.1 / 9.1	5.1 / 8.9
EP ENERGY EFFICIENCY CLASS		A+++ / A+++	A+++ / A+++
AIRFLOW (l/s)	Heating - SLo-Lo-Mi-Hi-Shi	67-78-107-153-220	67-78-107-153-220
	Cooling - SLo-Lo-Mi-Hi-Shi	65-78-105-143-193	65-78-105-143-193
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")
	Liquid	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA) Heating/Cooling - Silent-Lo-Mi-Hi-Shi		20-24-29-36-44 / 20-23-29-36-42	21-24-29-36-44 / 21-24-29-36-42
SOUND POWER LEVEL (dBA)		58	58
DIMENSIONS (mm) Width x Depth x Height		925 x 234 x 305	925 x 234 x 305
WEIGHT (kg)		13.5	13.5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6
INTERCONNECTING CABLE No. CORES		4	4
INDOOR PRICE		£256	£301

MUZ-FH - OUTDOOR UNITS		MUZ-FH25VE	MUZ-FH35VE
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		49 / 46	50 / 49
SOUND POWER LEVEL (dBA) Cooling		60	61
WEIGHT (kg)		37	37
DIMENSIONS (mm) Width x Depth x Height		800 x 285 x 550	800 x 285 x 550
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.580 / 0.485	0.800 / 0.820
	Heating/Cooling (UK)	0.520 / 0.400	0.760 / 0.690
STARTING CURRENT (A)		2.9	3.9
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		2.9 / 2.6 [9.6]	3.9 / 3.8 [9.6]
FUSE RATING (BS88) - HRC (A)		10	10
MAINS CABLE No. CORES		3	3
MAX PIPE LENGTH (m)		20	20
MAX HEIGHT DIFFERENCE (m)		12	12
CHARGE R410A (kg) - 7m		1.15	1.15
OUTDOOR PRICE		£474	£546
SYSTEM PRICE		£730	£847



MSZ-EF Zen Inverter Heat Pump

Wall Mounted System

MSZ-EF-B/S/W - INDOOR UNITS		MSZ-EF25VE3-B/S/W	MSZ-EF35VE3-B/S/W	MSZ-EF50VE3-B/S/W
CAPACITY (kW)	Heating (nominal)	3.2 (1.1-4.2)	4.0 (1.8-5.5)	5.8 (1.6-7.5)
	Cooling (nominal)	2.5 (1.2-3.4)	3.5 (1.4-4.0)	5.0 (1.4-5.4)
	Heating (UK)	2.65 (0.91-3.49)	3.32 (1.5-4.57)	4.82 (1.33-6.23)
	Cooling (UK)	2.48 (1.19-3.37)	3.47 (1.38-3.97)	4.96 (1.39-5.36)
SHF (nominal)		0.92	0.80	0.71
COP / EER (nominal)		4.57 / 4.59	4.19 / 3.85	3.71 / 3.21
SCOP / SEER (BS EN14825)		4.7 / 8.5	4.6 / 8.5	4.5 / 7.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A++ / A+++	A++ / A+++	A+ / A++
AIRFLOW (l/s)	Heating/Cooling - SLo-Lo-MH-Hi-Shi	67-77-103-148-198 / 67-77-105-138-175	67-77-103-148-212 / 67-77-105-138-175	107-122-150-185-220 / 97-113-132-155-183
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling - Silent-Lo-Mi-Hi-Shi	21-24-29-37-45 / 21-23-29-36-42	21-24-30-38-46 / 21-24-29-36-42	30-33-37-43-49 / 30-33-36-40-43
SOUND POWER LEVEL (dBA)		60	60	60
DIMENSIONS (mm)	Width x Depth x Height	885 x 195 x 299	885 x 195 x 299	885 x 195 x 299
WEIGHT (kg)		11.5	11.5	11.5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4

INDOOR PRICE	£276	£329	£360
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MUZ-EF - OUTDOOR UNITS		MUZ-EF25VE	MUZ-EF35VE	MUZ-EF50VE
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	48 / 47	50 / 49	52 / 52
SOUND POWER LEVEL (dBA)	Cooling	58	61	65
WEIGHT (kg)		30	35	54
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.700 / 0.545	0.955 / 0.910	1.565 / 1.560
	Heating/Cooling (UK)	0.64 / 0.44	0.87 / 0.73	1.42 / 1.25
STARTING CURRENT (A)		3.5	4.4	7
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.5 / 2.9 [7.3]	4.4 / 4.2 [8.5]	7.0 / 6.9 [12.4]
FUSE RATING (BS88) - HRC (A)		10	10	16
MAINS CABLE No. CORES		3	3	3
MAX PIPE LENGTH (m)		20	20	30
MAX HEIGHT DIFFERENCE (m)		12	12	15
CHARGE R410A (kg) - 7m		0.8	1.15	1.45

OUTDOOR PRICE	£345	£404	£612
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SYSTEM PRICE	£621	£733	£972
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B = Black S = Silver W = White



MFZ-KJ Inverter Heat Pump

Floor Mounted System

MFZ-KJ - INDOOR UNITS		MFZ-KJ25VE2	MFZ-KJ35VE2	MFZ-KJ50VE2
CAPACITY (kW)	Heating (nominal)	3.4 (1.2-4.6)	4.3 (1.2-5.5)	6.0 (2.2-8.2)
	Cooling (nominal)	2.5 (0.5-3.4)	3.5 (0.5-3.7)	5.0 (1.6-5.7)
	Heating (UK)	2.85 (0.75-4.25)	3.3 (0.75-5.15)	5.0 (1.8-6.8)
	Cooling (UK)	2.5 (0.9-3.35)	3.47 (0.9-3.85)	4.75 (5.58-5.65)
SHF (nominal & UK)		0.66	0.65	0.63
COP / EER (nominal)		4.42 / 4.63	3.91 / 3.72	3.73 / 3.55
SCOP / SEER (BS EN14825)		4.5 / 8.5	4.4 / 7.8	4.3 / 6.5
ErP ENERGY EFFICIENCY CLASS Heating/Cooling		A+ / A+++	A+ / A++	A+ / A++
AIRFLOW (l/s) Heating/Cooling - Lo-Mi-Hi-SupHi		83-103-127-157 / 80-97-118-148	87-103-130-158 / 83-102-123-152	100-123-157-193-233 / 93-112-133-155-177
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA) Heating/Cooling - Silent-Lo-Mi-Hi-Shi		19-25-30-35-41 / 20-25-30-35-39	19-25-30-35-41 / 20-25-30-35-39	29-35-40-45-50 / 27-31-35-39-44
SOUND POWER LEVEL (dBA)		49	50	56
DIMENSIONS (mm) Width x Depth x Height		750 x 215 x 600	750 x 215 x 600	750 x 215 x 600
WEIGHT (kg)		15	15	15
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) – HRC (A)		6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4

INDOOR PRICE

£495

£547

£662

MUZF-KJ - OUTDOOR UNITS		MUFZ-KJ25VE	MUFZ-KJ35VE	MUFZ-KJ50VE
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		51 / 46	51 / 47	51 / 49
SOUND POWER LEVEL (dBA) Cooling		59	60	63
WEIGHT (kg)		37	37	55
DIMENSIONS (mm) Width x Depth x Height		800 x 285 x 550	800 x 285 x 550	840 x 330 x 880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.77 / 0.54	1.11 / 0.94	1.61 / 1.41
	Heating/Cooling (UK)	0.70 / 0.43	1.01 / 0.74	1.47 / 1.11
STARTING CURRENT (A)		3.60	5.1	7.1
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		3.6 / 2.7 [9.4]	5.1 / 4.2 [9.4]	7.1 / 6.2 [14.0]
FUSE RATING (BS88) – HRC (A)		10	10	20
MAINS CABLE No. CORES		3	3	3
MAX PIPE LENGTH (m)		20	20	30
MAX HEIGHT DIFFERENCE (m)		12	12	15
CHARGE R410A (kg) - 7m		0.8	1.05	1.6

OUTDOOR PRICE

£505

£574

£646

SYSTEM PRICE

£1,000

£1,121

£1,308



M Series

Accessories / Optional Extras

WALL MOUNTED UNITS	DESCRIPTION	PRICE
MAC-2320FT	Anti-Allergy Enzyme filters for MSZ-SF25-50VE2, MSZ-EF25-50VE3-B/S/W (10 pack)	£249
MAC-2310FT	Anti-Allergy Enzyme filters for MSZ-GF60/71VE2 (10 pack)	£249
FLOOR MOUNTED UNITS	DESCRIPTION	PRICE
MAC-408FT	Anti-Allergy Enzyme filters for MFZ-KJ25-50VE2 (10 pack)	£82
OUTDOOR UNITS	DESCRIPTION	PRICE
MAC-889SG	Air outlet guides for MUFZ-KJ25-35VE, MUZ-SF25/35VE, MUZ-FH25/35VE, MUZ-EF25/35VE	£108
MAC-886SG	Air outlet guides for MUFZ-KJ50VE, MUZ-SF50VE, MUZ-EF50VE, MUZ-GF60/71VE(2)	£190
SYSTEM CONTROL UNITS	DESCRIPTION	PRICE
PAR-32MAA	Wired remote controller for MFZ-KJ, MSZ-DM, MSZ-SF, MSZ-GF, MSZ-EF, MSZ-FH	£75
MAC-333IF	Interface for group control, run fault and connection to M-NET System	£121
MAC-397IF	Interface for Contact Terminal and PAR-32MAA / PAC-YT52CRA Wired Remote Controller	£54
MAC-557IF	Interface for connection to WiFi MELCloud service	£72
PAC-YT52CRA	Simplified wired remote controller	£111
IO INTERFACE	Input/output interface	£173
MELCOBEMS MINI	Modbus/BACnet interface	£101

The Renewable Solutions Provider
Making a World of Difference

Mr Slim

Packaged Split-System
Air Conditioning



Air Conditioning | Heating
Ventilation | Controls





The Versatile Mr Slim Range



Suitable to cool or heat a huge variety of applications such as offices and retail units, our Mr Slim range is one of Britain's best selling air conditioning split-systems.

Combine the efficiency with the complete versatility that this range has to offer and the possibilities are virtually infinite.

Inverter

- Cost effective
- Available in single and three phase outdoor units
- Available with four way blow cassettes from 7-14kW

Standard Inverter

- High quality cost effective Standard Inverter
- Available in single and three phase outdoor units
- S Series models from 2.5kW-7kW available with four way blow cassettes, ducted or ceiling mounted indoor units
- Standard Inverter models from 10kW-22kW available with four way blow cassettes, ducted, floor, wall or ceiling mounted indoor units

Power Inverter

- Top of the range Power Inverter technology optimised for high seasonal efficiencies
- Available in single and three phase outdoor units
- 9 models available from 3.5kW-22kW
- Available with four way blow cassettes, ducted, floor, wall or ceiling mounted indoor units

Zubadan Inverter

- Optimal performance at low ambient temperature conditions
- Quicker defrost and improved start up in heating*
- Available in single and three phase outdoor units
- 2 models available from 10kW-12.5kW
- Available with four way blow cassettes, wall or ceiling mounted indoor units

* Will work effectively even when the outdoor ambient air temperature is -25°C. At -20°C, max heating capacity is achieved in about 20 mins.

Operational Range

Operation range	Size	PUHZ-ZRP	PUHZ-P / PUHZ-SP	PUHZ-SHW	SUZ-KA / SUZ-SA
Cooling	Less than 50	-15°C to +46°C	-15°C to +46°C	-15°C to +46°C	-10°C to +46°C
	50	-15°C to +46°C	-15°C to +46°C	-15°C to +46°C	-15°C to +46°C
	60 or more	-15°C to +46°C	-15°C to +46°C	-15°C to +46°C	-15°C to +46°C
Heating	Less than 50	-11°C to +21°C	-15°C to +21°C	-25°C to +21°C	-10°C to +24°C
	60 or more	-20°C to +21°C	-15°C to +21°C	-25°C to +21°C	-10°C to +24°C

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB; outdoor 35°C DB, 24°C WB.

Nominal Conditions: Heating; indoor 20°C DB; outdoor 7°C DB, 6°C WB.

UK Conditions: Summer; indoor 21°C DB, 15°C WB; outdoor 27°C DB.

UK Conditions: Winter; indoor 21°C DB; outdoor 0°C DB, -1°C WB.

The Versatile Mr Slim Range

Contents

PLA-ZP	Power Inverter Heat Pump, 4-Way Blow Ceiling Cassette System	1.3.4
PLA-RP	Standard Inverter Heat Pump, 4-Way Blow Ceiling Cassette System	1.3.6
PLA-ZP	Zubadan Inverter Heat Pump, 4-Way Blow Ceiling Cassette System	1.3.8
PLA-SP	Inverter Heat Pump, 4-Way Blow Ceiling Cassette System	1.3.9
SLZ-KF	Inverter Heat Pump, 600x600 4-Way Blow Ceiling Cassette System	1.3.10
PKA-RP	Power Inverter Heat Pump, Wall Mounted System	1.3.11
PKA-RP	Standard Inverter Heat Pump, Wall Mounted System	1.3.12
PKA-RP	Zubadan Inverter Heat Pump, Wall Mounted System	1.3.13
SEZ-KD	Inverter Heat Pump, Ceiling Concealed Ducted System	1.3.14
PEAD-RP	Power Inverter Heat Pump, Ceiling Concealed Ducted System	1.3.15
PEAD-RP	Standard Inverter Heat Pump, Ceiling Concealed Ducted System	1.3.17
PEAD-RP	Zubadan Inverter Heat Pump, Ceiling Concealed Ducted System	1.3.19
PEA-RP	Power Inverter Heat Pump, Large Capacity Ceiling Concealed Ducted System	1.3.20
PEA-RP	Standard Inverter Heat Pump, Large Capacity Ceiling Concealed Ducted System	1.3.21
PCA-RP	Power Inverter Heat Pump, Ceiling Suspended System	1.3.22
PCA-RP	Standard Inverter Heat Pump, Ceiling Suspended System	1.3.24
PCA-RP-HAQ	Power Inverter Heat Pump, Stainless Steel Ceiling Suspended System	1.3.26
PSA-RP	Power Inverter Heat Pump, Floor Standing System	1.3.27
PSA-RP	Standard Inverter Heat Pump, Floor Standing System	1.3.28
HP DXE	Power Inverter Heat Pump, Air Curtain System	1.3.29
PAC-IF	Air Handling Unit Controller	1.3.30
Twin, Triple, Quad Combination Tables		1.3.31
Accessories / Optional Extras		1.3.37



PLA-ZP Power Inverter Heat Pump (Single Phase)

4-Way Blow Ceiling Cassette System

PLA-ZP - INDOOR UNITS		PLA-ZP35EA	PLA-ZP50EA	PLA-ZP60EA	PLA-ZP71EA	PLA-ZP100EA	PLA-ZP125EA	PLA-ZP140EA
CAPACITY (kW)	Heating (nominal)	4.1 (1.6-5.2)	6.0 (2.5-7.3)	7.0 (2.8-8.2)	8.0 (3.5-10.2)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	3.6 (1.6-4.5)	5.0 (2.3-5.6)	6.1 (2.7-6.5)	7.1 (3.3-8.1)	9.5 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.0)
	Heating (UK)	3.5 (1.35-4.4)	5.1 (2.15-6.2)	6.0 (2.38-6.97)	6.8 (3.0-8.65)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	3.3 (1.45-4.15)	4.6 (2.1-5.15)	5.6 (2.48-5.98)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.9 (5.7-14.1)
SHF (nominal & UK)		-	-	-	-	-	-	-
COP / EER (nominal)		4.82 / 4.60	3.85 / 3.75	3.70 / 3.66	4.20 / 3.95	4.30 / 4.30	3.81 / 3.25	3.07 / 3.07
SCOP / SEER (BS EN14825)		4.90 / 7.40	4.80 / 6.90	4.60 / 6.70	4.90 / 7.40	4.90 / 7.20	4.70 / 6.70	4.50 / 6.50
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A++ / A++	A++ / A++	A++ / A++	A++ / A++	A++ / A++	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Mi2-Hi	183-217-250-267	200-233-267-300	200-233-267-300	283-317-350-383	317-367-417-467	350-400-433-483	400-433-483-533
PIPE SIZE mm (in)	Gas/Liquid	12.7 (1/2") / 6.35 (1/4")	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Mi2-Hi	26-28-29-31	27-29-31-32	27-29-31-32	28-30-33-36	31-34-37-40	33-36-39-41	36-39-42-44
SOUND POWER LEVEL (dBA)		51	54	54	57	61	62	65
DIMENSIONS (mm)	Width x Depth x Height (Grille)	840 (950) x 840 (950) x 258 (40)	840 (950) x 840 (950) x 258 (40)	840 (950) x 840 (950) x 258 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)
WEIGHT (kg)	Unit / Panel	21 / 5	21 / 5	21 / 5	24 / 5	26 / 5	26 / 5	26 / 5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4
GRILLE REFERENCE		PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA
WIRED REMOTE CONTROLLER REFERENCE		PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA
INDOOR PRICE		£559	£634	£675	£775	£861	£889	£926
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP140VKA3
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	46 / 44	46 / 44	48 / 47	48 / 47	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Cooling	65	65	67	67	69	70	70
WEIGHT (kg)		43	46	70	70	116	116	118
DIMENSIONS (mm)	Width x Depth x Height	809 x 300 x 630	809 x 300 x 630	950 x 330 x 943	950 x 330 x 943	1050 x 330 x 1338	1050 x 330 x 1338	1050 x 330 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.86 / 0.79	1.57 / 1.43	2.04 / 1.78	1.99 / 1.77	2.60 / 2.20	3.67 / 3.84	4.84 / 4.56
	Heating/Cooling (UK)	0.77 / 0.67	1.40 / 1.22	1.71 / 1.41	1.77 / 1.50	2.09 / 1.87	3.27 / 3.26	4.30 / 3.87
STARTING CURRENT (A)		4.0	5.0	5.0	6.0	12.0	12.0	12.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.97 / 3.58 [13.0]	6.90 / 6.23 [13.0]	8.92 / 7.72 [19.0]	8.65 / 7.63 [19.0]	11.20 / 9.53 [26.5]	16.32 / 16.46 [26.5]	20.55 / 18.51 [28.0]
FUSE RATING (BS88) - HRC (A)		16	16	25	25	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		50	50	50	50	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30	30
CHARGE R410A (kg) - 30m		2.2	2.4	3.5	3.5	5.0	5.0	5.0
OUTDOOR PRICE		£900	£1,082	£1,179	£1,229	£1,458	£1,624	£1,951
SYSTEM PRICE		£1,459	£1,716	£1,854	£2,004	£2,319	£2,513	£2,877

Note: Indoor price includes separate PLP-6EA grille and PAR-32MAA wired remote controller.



PLA-ZP Power Inverter Heat Pump (Three Phase)

4-Way Blow Ceiling Cassette System

PLA-ZP - INDOOR UNITS		PLA-ZP100EA	PLA-ZP125EA	PLA-ZP140EA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	9.5 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.0)
	Heating (UK)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.9 (5.7-14.1)
SHF (nominal & UK)		-	-	-
COP / EER (nominal)		4.30 / 4.30	3.81 / 3.25	3.07 / 3.07
SCOP / SEER (BS EN14825)		4.90 / 7.20	4.70 / 6.70	4.50 / 6.50
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A++ / A++	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Mi2-Hi	317-367-417-467	350-400-433-483	400-433-483-533
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Mi2-Hi	31-34-37-40	33-36-39-41	36-39-42-44
SOUND POWER LEVEL (dBA)		61	62	65
DIMENSIONS (mm)	Width x Depth x Height (Grille)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)
WEIGHT (kg)	Unit / Panel	26 / 5	26 / 5	26 / 5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4
GRILLE REFERENCE		PLP-6EA	PLP-6EA	PLP-6EA
WIRED REMOTE CONTROLLER REFERENCE		PAR-32MAA	PAR-32MAA	PAR-32MAA
INDOOR PRICE		£861	£889	£926
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP100YKA3 Three Phase	PUHZ-ZRP125YKA3 Three Phase	PUHZ-ZRP140YKA3 Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Cooling	69	70	70
WEIGHT (kg)		123	125	131
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338
ELECTRICAL SUPPLY		380-415v,50Hz	380-415v,50Hz	380-415v,50Hz
PHASE		Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	2.60 / 2.20	3.67 / 3.84	4.84 / 4.56
INPUT (kW)	Heating/Cooling (UK)	2.09 / 1.87	3.27 / 3.26	4.30 / 3.87
STARTING CURRENT (A)		4.0	4.0	4.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.42 / 3.42 (8.0)	5.92 / 5.96 (9.5)	7.52 / 6.76 (13.0)
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg) - 30m		5.0	5.0	5.0
OUTDOOR PRICE		£1,577	£1,750	£2,110
SYSTEM PRICE		£2,438	£2,639	£3,036

③ Three Phase Note: Indoor price includes separate PLP-6EA grille and PAR-32MAA wired remote controller.



PLA-RP Standard Inverter Heat Pump (Single Phase)

4-Way Blow Ceiling Cassette System

PLA-RP - INDOOR UNITS		PLA-RP35EA	PLA-RP50EA	PLA-RP60EA	PLA-RP71EA	PLA-RP100EA	PLA-RP125EA	PLA-RP140EA
CAPACITY (kW)	Heating (nominal)	4.1 (1.7-5.0)	5.8 (1.7-7.2)	6.9 (2.5-8.0)	8.0 (2.6-10.2)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	3.6 (1.4-3.9)	5.5 (2.3-6.5)	5.7 (2.3-6.3)	7.1 (2.8-8.1)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	3.49 (1.45-4.25)	4.93 (1.45-6.12)	5.87 (2.13-6.80)	6.80 (2.21-8.67)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	3.31 (1.29-3.59)	5.06 (2.12-5.15)	5.25 (2.12-5.80)	6.53 (2.58-7.45)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		-	-	-	-	-	-	-
COP / EER (nominal)		4.10 / 3.50	3.43 / 3.40	3.50 / 3.23	3.56 / 3.38	3.41 / 2.70	3.41 / 3.01	3.21 / 2.61
SCOP / SEER (BS EN14825)		4.40 / 6.90	4.00 / 6.50	4.30 / 6.50	4.30 / 6.20	4.10 / 5.60	N/A	N/A
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A++	A+ / A++	A+ / A++	A+ / A+	N/A	N/A
AIRFLOW (l/s)	Lo-Mi1-Mi2-Hi	183-217-250-267	200-233-317-350	200-233-317-350	233-283-317-350	317-383-433-483	350-417-467-517	400-433-483-533
PIPE SIZE mm (in)	Gas/Liquid	9.52 (3/8") / 6.35 (1/4")	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34	31-34-37-40	33-37-41-44	36-39-42-44
SOUND POWER LEVEL (dBA)		51	54	54	56	61	65	65
DIMENSIONS (mm)	Width x Depth x Height (Grille)	840 (950) x 840 (950) x 258 (40)	840 (950) x 840 (950) x 258 (40)	840 (950) x 840 (950) x 258 (40)	840 (950) x 840 (950) x 258 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)
WEIGHT (kg)	Unit / Panel	19 / 5	19 / 5	21 / 5	21 / 5	24 / 5	26 / 5	26 / 5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4
GRILLE REFERENCE		PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA
WIRED REMOTE CONTROLLER REFERENCE		PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA
INDOOR PRICE		£550	£625	£665	£747	£813	£836	£880
SUZ-KA / PUHZ-P - OUTDOOR UNITS		SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	PUHZ-P100VHA5	PUHZ-P125VHA4	PUHZ-P140VHA4
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	50 / 49	52 / 52	55 / 55	55 / 55	54 / 50	55 / 55	56 / 55
SOUND POWER LEVEL (dBA)	Cooling	62	65	65	69	70	74	75
WEIGHT (kg)		35	54	50	53	75	99	99
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880	950 x 330+30 x 943	950 x 330+30 x 1350	950 x 330+30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER	Heating/Cooling (nominal)	1.00 / 1.02	1.69 / 1.61	1.97 / 1.76	2.20 / 2.10	3.28 / 3.48	4.10 / 4.08	4.98 / 5.21
INPUT (kW)	Heating/Cooling (UK)	0.85 / 0.88	1.44 / 1.38	1.67 / 1.51	1.87 / 1.81	2.91 / 2.96	3.65 / 3.47	4.43 / 4.43
STARTING CURRENT (A)		4.7	7.7	8.7	9.9	12.0	15.0	15.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.7 / 4.6 (8.4)	7.3 / 7.7 (12.2)	7.8 / 8.7 (14.2)	9.3 / 9.9 (16.4)	14.04 / 14.90 (28)	17.33 / 17.23 (28)	22.10 / 22.20 (29.5)
FUSE RATING (BS88) - HRC (A)		10	20	20	20	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		20	30	30	30	50	50	50
MAX HEIGHT DIFFERENCE (m)		12	30	30	30	30	30	30
CHARGE R410A (kg)		1.15	1.6	1.6	1.8	3.0 (20m)	4.5 (30m)	4.5 (30m)
OUTDOOR PRICE		£597	£672	£718	£803	£1,118	£1,243	£1,509
SYSTEM PRICE		£1,147	£1,297	£1,383	£1,550	£1,931	£2,079	£2,389

Notes: Indoor price includes separate PLP-6EA grille and PAR-32MAA wired remote controller. No duty/standby operation on SUZ-KA35/50/60/71VA6.



PLA-RP Standard Inverter Heat Pump (Three Phase)

4-Way Blow Ceiling Cassette System

PLA-RP - INDOOR UNITS		PLA-RP100EA	PLA-RP125EA	PLA-RP140EA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		-	-	-
COP / EER (nominal)		3.41 / 2.70	3.41 / 3.01	3.21 / 2.61
SCOP / SEER (BS EN14825)		4.10 / 5.60	N/A	N/A
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+	N/A	N/A
AIRFLOW (l/s)	Lo-Mi1-Mi2-Hi	317-383-433-483	350-417-467-517	400-433-483-533
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	31-34-37-40	33-37-41-44	36-39-42-44
SOUND POWER LEVEL (dBA)		61	65	65
DIMENSIONS (mm)	Width x Depth x Height (Grille)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)
WEIGHT (kg)	Unit / Panel	24 / 5	26 / 5	26 / 5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4
GRILLE REFERENCE		PLP-6EA	PLP-6EA	PLP-6EA
WIRED REMOTE CONTROLLER REFERENCE		PAR-32MAA	PAR-32MAA	PAR-32MAA
INDOOR PRICE		£813	£836	£880
PUHZ-P - OUTDOOR UNITS		PUHZ-P100YHA3 Three Phase	PUHZ-P125YHA2 Three Phase	PUHZ-P140YHA2 Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		54 / 50	55 / 54	56 / 55
SOUND POWER LEVEL (dBA) Cooling		70	74	75
WEIGHT (kg)		77	101	101
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 x 30 x 943	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		380-415v,50Hz	380-415v,50Hz	380-415v,50Hz
PHASE		Three	Three	Three
SYSTEM POWER Heating/Cooling (nominal)		3.28 / 3.48	4.10 / 4.08	4.98 / 5.21
INPUT (kW) Heating/Cooling (UK)		2.91 / 2.96	3.65 / 3.47	4.43 / 4.43
STARTING CURRENT (A)		4.0	5.0	5.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		5.15 / 5.47 (13)	6.28 / 6.24 (13)	7.65 / 8.02 (13)
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg)		3.0 (20m)	4.5 (30m)	4.5 (30m)
OUTDOOR PRICE		£1,191	£1,346	£1,601
SYSTEM PRICE		£2,004	£2,182	£2,481

③ Three Phase Notes: Indoor price includes separate PLP-6EA grille and PAR-32MAA wired remote controller.



PLA-ZP Zubadan Inverter Heat Pump

4-Way Blow Ceiling Cassette System

PLA-ZP - INDOOR UNITS		PLA-ZP100EA	PLA-ZP100EA	PLA-ZP125EA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	11.2 (4.5-14.0)	14.0 (5.0-16.0)
	Cooling (nominal)	10.0 (4.9-11.4)	10.0 (4.9-11.4)	12.5 (5.5-14.0)
	Heating (UK)	9.5 (3.85-11.9)	9.5 (3.85-11.9)	11.9 (4.25-13.6)
	Cooling (UK)	9.2 (4.5-10.5)	9.2 (4.5-10.5)	11.5 (5.05-12.9)
SHF (nominal & UK)		-	-	-
COP / EER (nominal)		4.2 / 3.5	4.2 / 3.5	3.5 / 2.5
SCOP / SEER (BS EN14825)		4.0 / 5.5	4.0 / 5.5	3.5 / 5.1
E.P ENERGY EFFICIENCY CLASS		A / A	A / A	N/A
AIRFLOW (l/s)		317-367-417-467	317-367-417-467	350-400-433-483
PIPE SIZE mm (in)		15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)		31-34-37-40	31-34-37-40	33-36-39-41
SOUND POWER LEVEL (dBA)		61	61	62
DIMENSIONS (mm)		840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)
WEIGHT (kg)		26 / 5	26 / 5	26 / 5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4
GRILLE REFERENCE		PLP-6EA	PLP-6EA	PLP-6EA
WIRED REMOTE CONTROLLER REFERENCE		PAR-32MAA	PAR-32MAA	PAR-32MAA
INDOOR PRICE		£861	£861	£889
PUHZ-SHW - OUTDOOR UNITS		PUHZ-SHW112VHA	PUHZ-SHW112YHA ^③	PUHZ-SHW140YHA ^③
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		52 / 51	52 / 51	52 / 51
SOUND POWER LEVEL (dBA) Cooling		69	69	69
WEIGHT (kg)		120	134	134
DIMENSIONS (mm)		950 x 330 x 30 x 1350	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	380-415, 50Hz	380-415, 50Hz
PHASE		Single	Three	Three
SYSTEM POWER Heating/Cooling (nominal)		2.68 / 2.79	2.68 / 2.79	3.88 / 4.45
INPUT (kW) Heating/Cooling (UK)		2.37 / 2.37	2.37 / 2.37	3.45 / 3.78
STARTING CURRENT (A)		14	3	3
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		11.94 / 11.84 [35]	4.40 / 4.43 [13]	5.62 / 5.72 [13]
FUSE RATING (BS88) - HRC (A)		40	16	16
MAINS CABLE No. Cores		3	5	5
MAX PIPE LENGTH (m)		75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg) - 30m		5.5	5.5	5.5
OUTDOOR PRICE		£2,532	£2,709	£3,155
SYSTEM PRICE		£3,393	£3,570	£4,044

③ Three Phase Note: Indoor price includes separate PLP-6EA grille and PAR-32MAA wired remote controller.



PLA-SP Inverter Heat Pump

4-Way Blow Ceiling Cassette System

PLA-SP INDOOR UNITS		PLA-SP71BA	PLA-SP100BA	PLA-SP100BA	PLA-SP125BA	PLA-SP125BA	PLA-SP140BA	PLA-SP140BA
CAPACITY (kW)	Heating (nominal)	8.0 (2.6-8.9)	11.2 (4.5-11.5)	11.2 (4.5-11.5)	13.5 (5.0-15.0)	13.5 (5.0-15.0)	15.5 (5.0-17.0)	15.5 (5.0-17.0)
	Cooling (nominal)	7.1 (2.8-8.1)	9.4 (4.9-9.9)	9.4 (4.9-9.9)	12.3 (5.5-13.0)	12.3 (5.5-13.0)	13.0 (5.5-14.0)	13.0 (5.5-14.0)
	Heating (UK)	6.8 (2.2-7.6)	9.5 (3.8-9.8)	9.5 (3.8-9.8)	11.5 (4.3-12.8)	11.5 (4.3-12.8)	13.2 (4.3-14.5)	13.2 (4.3-14.5)
	Cooling (UK)	6.5 (2.6-7.5)	8.6 (4.5-9.1)	8.6 (4.5-9.1)	11.3 (5.1-12.0)	11.3 (5.1-12.0)	12.0 (5.1-12.9)	12.0 (5.1-12.9)
SHF (nominal & UK)		0.73	0.74	0.74	0.71	0.71	0.71	0.71
COP / EER (nominal)		3.21 / 3.21	3.21 / 3.01	3.21 / 3.01	3.41 / 3.01	3.41 / 3.01	3.21 / 2.61	3.21 / 2.61
SCOP / SEER (BS EN14825)		3.8 / 5.6	3.8 / 5.1	3.8 / 5.1	N/A	N/A	N/A	N/A
ErP ENERGY EFFICIENCY CLASS Heating/Cooling		A / A+	A / A	A / A	N/A	N/A	N/A	N/A
AIRFLOW (l/s)	Lo-M1-M2-Hi	233-267-300-350	333-383-433-500	333-383-433-500	367-417-467-517	367-417-467-517	400-433-483-533	400-433-483-533
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-M1-M2-Hi	28-30-32-34	32-34-37-40	32-34-37-40	34-36-39-41	34-36-39-41	36-39-42-44	36-39-42-44
SOUND POWER LEVEL (dBA)		56	62	62	63	63	70	70
DIMENSIONS (mm)	Width x Depth x Height (Grille)	840 (850) x 840 (850) x 258 (35)	840 (850) x 840 (850) x 298 (35)	840 (850) x 840 (850) x 298 (35)	840 (850) x 840 (850) x 298 (35)	840 (850) x 840 (850) x 298 (35)	840 (850) x 840 (850) x 298 (35)	840 (850) x 840 (850) x 298 (35)
WEIGHT (kg)	Unit / Panel	23 / 6	25 / 6	25 / 6	25 / 6	25 / 6	27 / 6	27 / 6
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4
GRILLE REFERENCE		PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA
WIRED REMOTE CONTROLLER REFERENCE		PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA
INDOOR PRICE		£643	£711	£711	£729	£729	£766	£766
SUZ-SA / PUHZ-SP OUTDOOR UNITS		SUZ-SA71VA	PUHZ-SP100VHA	PUHZ-SP100YHA ^③ Three Phase	PUHZ-SP125VHA	PUHZ-SP125YHA ^③ Three Phase	PUHZ-SP140VHA	PUHZ-SP140YHA ^③ Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	55 / 55	54 / 50	54 / 50	55 / 51	55 / 51	56 / 52	56 / 52
	Cooling	69	70	70	71	71	73	73
SOUND POWER LEVEL (dBA)	Heating/Cooling	53	75	77	99	101	99	101
	Cooling	53	75	77	99	101	99	101
WEIGHT (kg)		53	75	77	99	101	99	101
DIMENSIONS (mm)	Width x Depth x Height	840 x 330 x 880	950 x 330 x 30 x 943	950 x 330 x 30 x 943	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Single	Three	Single	Three	Single	Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	2.25 / 2.10	3.28 / 3.12	3.28 / 3.12	4.11 / 4.09	4.11 / 4.09	4.98 / 5.21	4.98 / 5.21
	Heating/Cooling (UK)	2.00 / 1.79	2.92 / 2.65	2.92 / 2.65	3.66 / 3.48	3.66 / 3.48	4.43 / 4.43	4.43 / 4.43
STARTING CURRENT (A)		9.7	12.0	4.0	15.0	5.0	15.0	5.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		9.38 / 9.36 [16.6]	15.89 / 14.3 [28.9]	6.24 / 5.72 [13.9]	17.89 / 18.48 [29.0]	6.93 / 7.18 [14.0]	21.81 / 22.72 [30.5]	8.36 / 8.65 [14.0]
FUSE RATING (BS88) - HRC (A)		20	32	16	32	16	40	16
MAINS CABLE No. Cores		3	3	5	3	5	3	5
MAX PIPE LENGTH (m)		30	30	30	40	40	40	40
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30	30
CHARGE R410A (kg)		1.9	3.0	3.0	4.5	4.5	4.5	4.5
OUTDOOR PRICE		£723	£1,062	£1,181	£1,180	£1,335	£1,433	£1,588
SYSTEM PRICE		£1,366	£1,773	£1,892	£1,909	£2,064	£2,199	£2,354

^③ Three Phase Notes: Indoor price includes separate PLP-6BA grille and PAR-32MAA wired remote controller.



SLZ-KF Inverter Heat Pump

600x600 4-Way Blow Ceiling Cassette System

SLZ-KF-VA2 - INDOOR UNITS		SLZ-KF25VA2	SLZ-KF35VA2	SLZ-KF50VA2	SLZ-KF60VA2
CAPACITY (kW)	Heating (nominal)	3.2 (1.3-4.2)	4.0 (1.7-5.0)	5.0 (1.7-6.0)	6.4 (2.5-7.4)
	Cooling (nominal)	2.6 (1.5-3.2)	3.5 (1.4-3.9)	4.6 (2.3-5.2)	5.6 (2.3-6.5)
	Heating (UK)	2.69 (1.09-3.53)	3.36 (1.43-4.20)	4.20 (1.43-5.04)	5.38 (2.10-6.22)
	Cooling (UK)	2.60 (1.50-3.20)	3.46 (1.38-3.86)	4.56 (2.28-5.15)	5.55 (2.28-6.44)
SHF (nominal & UK)		0.78	0.72	0.68	0.68
COP / EER (nominal)		3.61 / 3.8	3.61 / 3.60	3.21 / 3.30	2.81 / 3.17
SCOP / SEER (BS EN14825)		4.3 / 6.3	4.3 / 6.5	4.3 / 6.3	4.1 / 6.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A++	A+ / A++	A+ / A++
AIRFLOW (l/s)	Lo-Mi-Hi	108-125-142	108-133-158	117-150-192	125-192-217
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	25-28-31	25-30-33	27-34-39	32-40-43
SOUND POWER LEVEL (dBA)		48	51	56	60
DIMENSIONS (mm)	Width x Depth x Height	570 (650) x 570 (650) x 245 (10)	570 (650) x 570 (650) x 245 (10)	570 (650) x 570 (650) x 245 (10)	570 (650) x 570 (650) x 245 (10)
WEIGHT (kg)	Unit / Grille	15 / 3	15 / 3	15 / 3	15 / 3
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4
GRILLE REFERENCE		SLP-2FA	SLP-2FA	SLP-2FA	SLP-2FA
WIRED REMOTE CONTROLLER REFERENCE		PAR-32MAA	PAR-32MAA	PAR-32MAA	PAR-32MAA
INDOOR PRICE		£469	£529	£634	£663
SUZ-KA-VA6 - OUTDOOR UNITS		SUZ-KA25VA6	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	48 / 47	50 / 49	52 / 52	55 / 55
SOUND POWER LEVEL (dBA)	Cooling	58	62	65	65
WEIGHT (kg)		30	35	54	50
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880	840 x 330 x 880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.89 / 0.68	1.11 / 0.97	1.56 / 1.39	2.28 / 1.77
	Heating/Cooling (UK)	0.76 / 0.58	0.94 / 0.83	1.33 / 1.20	1.94 / 1.52
STARTING CURRENT (A)		4.2	5.1	7.0	10.1
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.2 / 4.2 (7.2)	4.5 / 5.1 (8.7)	6.3 / 7.0 (12.3)	7.8 / 10.1 (14.4)
FUSE RATING (BS88) - HRC (A)		10	10	20	20
MAINS CABLE No. Cores		3	3	3	3
MAX PIPE LENGTH (m)		20	20	30	30
MAX HEIGHT DIFFERENCE (m)		12	12	30	30
CHARGE R410A (kg) - 7m		0.8	1.15	1.6	1.6
OUTDOOR PRICE		£525	£597	£672	£718
SYSTEM PRICE		£994	£1,126	£1,306	£1,381

Note: Indoor price includes separate SLP-2FA grille and PAR-32MAA wired remote controller.



PKA-RP Power Inverter Heat Pump

Wall Mounted System

PKA-RP - INDOOR UNITS		PKA-RP35HAL	PKA-RP50HAL	PKA-RP60KAL	PKA-RP71KAL	PKA-RP100KAL	PKA-RP100KAL
CAPACITY (kW)	Heating (nominal)	4.1 (1.6-5.2)	5.0 (2.5-7.3)	7.0 (2.8-8.2)	8.0 (3.5-10.2)	11.2 (4.5-14.0)	11.2 (4.5-14.0)
	Cooling (nominal)	3.6 (1.6-4.5)	4.6 (2.3-5.6)	6.1 (2.7-6.7)	7.1 (3.3-8.1)	9.5 (4.9-11.4)	9.5 (4.9-11.4)
	Heating (UK)	3.5 (1.35-4.4)	4.25 (2.15-6.2)	5.95 (2.4-6.95)	6.8 (3.0-8.65)	9.5 (3.85-11.9)	9.5 (3.85-11.9)
	Cooling (UK)	3.3 (1.45-4.15)	4.23 (2.1-5.15)	5.5 (2.5-6.15)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	9.2 (4.5-10.5)
SHF (nominal & UK)		0.81	0.72	0.86	0.78	0.73	0.73
COP / EER (nominal)		3.83 / 3.83	3.33 / 3.26	3.57 / 3.81	3.65 / 3.94	3.68 / 3.96	3.68 / 3.96
SCOP / SEER (BS EN14825)		3.9 / 5.7	4.0 / 5.3	4.2 / 6.3	4.3 / 6.5	4.1 / 6.1	4.1 / 6.0
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / A+	A+ / A	A+ / A++	A+ / A++	A+ / A++	A+ / A+
AIRFLOW (l/s)	Lo-Mi-Hi	150-175-200	150-175-200	300-333-367	300-333-367	333-383-433	333-383-433
PIPE SIZE mm (in)	Gas	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)		36-40-43	36-40-43	39-42-45	39-42-45	41-45-49	41-45-49
SOUND POWER LEVEL (dBA)		60	60	64	64	65	65
DIMENSIONS (mm)	Width x Depth x Height	898 x 249 x 295	898 x 249 x 295	1170 x 295 x 365	1170 x 295 x 365	1170 x 295 x 365	1170 x 295 x 365
WEIGHT (kg)		13	13	21	21	21	21
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4

INDOOR PRICE	£499	£571	£591	£633	£718	£718
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PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3 ③
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	46 / 44	46 / 44	48 / 47	48 / 47	51 / 49	51 / 49
	Cooling	65	65	67	67	69	69
SOUND POWER LEVEL (dBA)		43	46	67	67	116	123
DIMENSIONS (mm)	Width x Depth x Height	809 x 300 x 630	809 x 300 x 630	950 x 330 x 30 x 943	950 x 330 x 30 x 943	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Single	Single	Single	Single	Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	1.07 / 0.94	1.50 / 1.41	1.96 / 1.60	2.19 / 1.80	3.04 / 2.40	3.04 / 2.40
	Heating/Cooling (UK)	0.89 / 0.80	1.26 / 1.20	1.64 / 1.36	1.84 / 1.53	2.55 / 2.04	2.55 / 2.04
STARTING CURRENT (A)		4.0	5.0	5.0	6.0	12.0	4.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.22 / 3.94 [13.4]	7.16 / 6.59 [13.4]	9.23 / 8.11 [19.4]	8.75 / 7.79 [19.4]	11.35 / 11.26 [27.1]	4.06 / 4.03 [8.6]
FUSE RATING (BS88) - HRC (A)		16	16	25	25	32	16
MAINS CABLE No. Cores		3	3	3	3	3	5
MAX PIPE LENGTH (m)		50	50	50	50	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg) - 30m		2.2	2.4	3.5	3.5	5.0	5.0

OUTDOOR PRICE	£900	£1,082	£1,179	£1,229	£1,458	£1,577
SYSTEM PRICE	£1,399	£1,653	£1,770	£1,862	£2,176	£2,295

③ Three Phase Note: Indoor price includes infra-red remote controller.



PKA-RP Standard Inverter Heat Pump

Wall Mounted System

PKA-RP - INDOOR UNITS		PKA-RP100KAL	PKA-RP100KAL
CAPACITY (kW)	Heating (nominal) Cooling (nominal) Heating (UK) Cooling (UK)	11.2 (4.5-12.5) 9.4 (4.9-11.2) 9.5 (3.85-10.65) 8.65 (4.5-10.3)	11.2 (4.5-12.5) 9.4 (4.9-11.2) 9.5 (3.85-10.65) 8.65 (4.5-10.3)
SHF (nominal & UK)		0.75	0.75
COP / EER (nominal)		3.21 / 3.01	3.21 / 3.01
SCOP / SEER (BS EN14825)		3.8 / 4.8	3.8 / 4.8
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / B	A / B
AIRFLOW (l/s)	Lo-Mi-Hi	333-383-433	333-383-433
PIPE SIZE mm (in)	Gas Liquid	15.88 (5/8") 9.52 (3/8")	15.88 (5/8") 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA) Lo-Mi-Hi		41-45-49	41-45-49
SOUND POWER LEVEL (dBA)		65	65
DIMENSIONS (mm)	Width x Depth x Height	1170 x 295 x 365	1170 x 295 x 365
WEIGHT (kg)		21	21
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6
INTERCONNECTING CABLE No. Cores		4	4
INDOOR PRICE		£718	£718
PUHZ-P - OUTDOOR UNITS		PUHZ-P100VHA5	PUHZ-P100YHA3 Three Phase ^③
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		54 / 50	54 / 50
SOUND POWER LEVEL (dBA) Cooling		70	70
WEIGHT (kg)		75	77
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 + 30 x 943	950 x 330 + 30 x 943
ELECTRICAL SUPPLY		220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Three
SYSTEM POWER Heating/Cooling (nominal)		3.49 / 3.12	3.49 / 3.12
INPUT (kW) Heating/Cooling (UK)		2.93 / 2.65	2.93 / 2.65
STARTING CURRENT (A)		12.0	4.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		15.20 / 14.55 [28.6]	5.76 / 5.50 [13.6]
FUSE RATING (BS88) - HRC (A)		32	16
MAINS CABLE No. Cores		3	5
MAX PIPE LENGTH (m)		50	50
MAX HEIGHT DIFFERENCE (m)		30	30
CHARGE R410A (kg) - 30m		3.0	3.0
OUTDOOR PRICE		£1,118	£1,191
SYSTEM PRICE		£1,836	£1,909

^③ Three Phase Note: Indoor price includes infra-red remote controller.



PKA-RP Zubadan Inverter Heat Pump

Wall Mounted System

PKA-RP - INDOOR UNITS		PKA-RP100KAL	PKA-RP100KAL
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	11.2 (4.5-14.0)
	Cooling (nominal)	10.0 (4.9-11.4)	10.0 (4.9-11.4)
	Heating (UK)	11.1 (4.45-13.85)	11.1 (4.45-13.85)
	Cooling (UK)	9.2 (4.5-10.5)	9.2 (4.5-10.5)
SHF (nominal & UK)		0.73	0.73
COP / EER (nominal)		3.61 / 3.42	3.61 / 3.42
SCOP / SEER		3.8 / 5.2	3.8 / 5.2
ErP ENERGY EFFICIENCY CLASS Heating/Cooling		A / A	A / A
AIRFLOW (l/s) Lo-Mi-Hi		333-383-433	333-383-433
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")
SOUND PRESSURE LEVEL (dBA) Lo-Mi-Hi		41-45-49	41-45-49
SOUND POWER LEVEL (dBA)		65	65
DIMENSIONS (mm) Width x Depth x Height		1170 x 295 x 365	1170 x 295 x 365
WEIGHT (kg)		21	21
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6
INTERCONNECTING CABLE No. Cores		4	4

INDOOR PRICE		£718	£718
PUHZ-SHW - OUTDOOR UNITS		PUHZ-SHW112VHA	PUHZ-SHW112YHA ^③ Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		52 / 51	52 / 51
SOUND POWER LEVEL (dBA) Heating/Cooling		69	69
WEIGHT (kg)		120	134
DIMENSIONS (mm) Width x Depth x Height		950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Three
SYSTEM POWER Heating/Cooling (nominal)		3.10 / 2.92	3.10 / 2.92
INPUT (kW) Heating/Cooling (UK)		2.76 / 2.49	2.76 / 2.49
STARTING CURRENT (A)		14	3
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		11.78 / 11.67 [35.6]	4.24 / 4.26 [13.6]
FUSE RATING (BS88) - HRC (A)		40	16
MAINS CABLE No. Cores		3	5
MAX PIPE LENGTH (m)		75	75
MAX HEIGHT DIFFERENCE (m)		30	30
CHARGE R410A (kg) - 30m		5.5	5.5
OUTDOOR PRICE		£2,532	£2,709
SYSTEM PRICE		£3,250	£3,427

^③ Three Phase Note: Indoor price includes infra-red remote controller.



SEZ-KD Inverter Heat Pump

Ceiling Concealed Ducted System

SEZ-KD-VAQ - INDOOR UNITS		SEZ-KD25VAQ	SEZ-KD35VAQ	SEZ-KD50VAQ	SEZ-KD60VAQ	SEZ-KD71VAQ
CAPACITY (kW)	Heating (nominal)	2.9 (1.3-4.5)	4.2 (1.7-5.0)	6.4 (1.7-7.2)	7.4 (2.5-8.0)	8.1 (2.6-10.4)
	Cooling (nominal)	2.5 (1.5-3.2)	3.5 (1.4-3.9)	5.1 (2.3-5.6)	5.6 (2.3-6.3)	7.1 (2.8-8.3)
	Heating (UK)	2.44 (1.09-3.79)	3.53 (1.43-4.20)	5.38 (1.43-6.05)	6.21 (2.10-6.71)	6.80 (2.18-8.73)
	Cooling (UK)	2.45 (1.47-3.14)	3.43 (1.37-3.82)	4.99 (2.25-5.48)	5.49 (2.25-6.18)	6.95 (2.74-8.12)
SHF (nominal & UK)		0.8	0.78	0.78	0.79	0.74
COP / EER (nominal)		3.61 / 3.42	3.72 / 3.47	3.56 / 3.23	3.36 / 3.22	3.57 / 3.21
SCOP / SEER (BS EN14825)		3.8 / 5.2	4.0 / 5.6	3.9 / 5.7	4.1 / 5.2	3.8 / 5.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / A	A+ / A+	A / A+	A+ / A	A / A
AIRFLOW (l/s)	Lo-Mi-Hi	100-117-150	117-150-183	167-217-250	200-250-300	200-267-333
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	22-25-29	23-28-33	29-33-36	29-33-37	29-34-39
SOUND POWER LEVEL (dBA)		50	53	57	58	60
DIMENSIONS (mm)	Width x Depth x Height	790 x 700 x 200	990 x 700 x 200	990 x 700 x 200	1190 x 700 x 200	1190 x 700 x 200
WEIGHT (kg)		18	21	23	27	27
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4
INDOOR PRICE		£359	£378	£464	£513	£574
SUZ-KA-VA6 - OUTDOOR UNITS		SUZ-KA25VA6	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	48 / 47	50 / 49	52 / 52	55 / 55	55 / 55
SOUND POWER LEVEL (dBA)	Heating/Cooling	58	62	65	69	69
WEIGHT (kg)		30	35	54	50	53
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single
SYSTEM POWER	Heating/Cooling (nominal)	0.80 / 0.73	1.13 / 1.01	1.80 / 1.58	2.20 / 1.74	2.27 / 2.21
INPUT (kW)	Heating/Cooling (UK)	0.69 / 0.61	0.97 / 0.85	1.55 / 1.33	1.89 / 1.46	1.95 / 1.86
STARTING CURRENT (A)		3.8	5.2	8.2	9.8	10.5
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.50 / 3.80 [7.4]	4.80 / 5.20 [8.7]	7.40 / 8.20 [12.7]	7.70 / 9.80 [14.7]	10.5 / 9.7 [17]
FUSE RATING (BS88) - HRC (A)		10	10	20	20	20
MAINS CABLE No. Cores		3	3	3	3	3
MAX PIPE LENGTH (m)		20	20	30	30	30
MAX HEIGHT DIFFERENCE (m)		12	12	30	30	30
CHARGE R410A (kg) - 7m		0.80	1.15	1.60	1.80	1.80
OUTDOOR PRICE		£525	£597	£672	£718	£803
SYSTEM PRICE		£884	£975	£1,136	£1,231	£1,377

Note: Indoor price includes separate PAR-32MAA wired remote controller.



PEAD-RP Power Inverter Heat Pump (Single Phase)

Ceiling Concealed Ducted System

PEAD-RP - INDOOR UNITS		PEAD-RP35JAQ	PEAD-RP50JAQ	PEAD-RP60JAQ	PEAD-RP71JAQ	PEAD-RP100JAQ	PEAD-RP125JAQ	PEAD-RP140JAQ
CAPACITY (kW)	Heating (nominal)	4.1 (1.6-5.2)	6.0 (2.5-7.3)	7.0 (2.8-8.2)	8.0 (3.5-10.2)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	3.6 (1.6-4.5)	5.0 (2.3-5.6)	6.1 (2.7-6.7)	7.1 (3.3-8.1)	9.5 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.3)
	Heating (UK)	3.5 (1.35-4.4)	5.1 (2.15-6.2)	5.95 (2.4-6.95)	6.8 (3.0-8.65)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	3.3 (1.45-4.15)	4.6 (2.1-5.15)	5.5 (2.5-6.15)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.9 (5.7-14.1)
SHF (nominal & UK)		0.85	0.84	0.83	0.83	0.82	0.84	0.84
COP / EER (nominal)		4.32 / 4.04	4.00 / 3.47	3.91 / 3.70	3.94 / 3.53	4.31 / 3.91	3.99 / 3.24	3.93 / 3.10
SCOP / SEER (BS EN14825)		4.0 / 5.6	4.3 / 5.5	4.1 / 5.8	3.9 / 5.6	4.2 / 5.6	3.9 / 5.0	4.0 / 4.8
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+	A+ / A	A+ / A+	A / A+	A+ / A+	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Hi	167-200-233	200-242-283	242-300-350	292-350-417	400-483-567	492-558-700	533-650-767
PIPE SIZE mm (in)	Gas	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-M2-M3-Hi	23-27-30	26-31-35	25-29-33	26-30-34	29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		52	57	55	58	61	66	66
DIMENSIONS (mm)	Width x Depth x Height	900 x 732 x 250	900 x 732 x 250	1100 x 732 x 250	1100 x 732 x 250	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		26	28	33	33	41	43	47
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4
INDOOR PRICE		£520	£596	£632	£705	£793	£816	£871
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP140VKA3
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	46 / 44	46 / 44	48 / 47	48 / 47	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Heating/Cooling	65	65	67	67	69	70	70
WEIGHT (kg)		43	46	67	67	116	116	118
DIMENSIONS (mm)	Width x Depth x Height	809 x 300 x 630	809 x 300 x 630	950 x 330 x 30 x 943	950 x 330 x 30 x 943	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.95 / 0.89	1.50 / 1.44	1.79 / 1.65	2.03 / 2.01	2.60 / 2.63	3.86 / 4.05	3.81 / 4.36
	Heating/Cooling (UK)	0.80 / 0.76	1.26 / 1.22	1.5 / 1.41	1.7 / 1.71	2.18 / 2.24	3.24 / 3.44	3.20 / 3.71
STARTING CURRENT (A)		4.0	5.0	5.0	6.0	12.0	12.0	12.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.45 / 4.18 [14.1]	7.65 / 7.09 [14.4]	9.76 / 8.68 [20.6]	9.56 / 8.64 [21]	11.52 / 11.43 [29.2]	16.29 / 17.13 [29.3]	20.75 / 19.25 [30.8]
FUSE RATING (BS88) - HRC (A)		16	16	25	25	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		50	50	50	50	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30	30
CHARGE R410A (kg) - 30m		2.2	2.4	3.5	3.5	5.0	5.0	5.0
OUTDOOR PRICE		£900	£1,082	£1,179	£1,229	£1,458	£1,624	£1,951
SYSTEM PRICE		£1,420	£1,678	£1,811	£1,934	£2,251	£2,440	£2,822

Note: Indoor price includes separate PAR-32MAA wired remote controller.



PEAD-RP Power Inverter Heat Pump (Three Phase) Ceiling Concealed Ducted System

PEAD-RP - INDOOR UNITS		PEAD-RP100JQA	PEAD-RP125JQA	PEAD-RP140JQA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	9.5 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.3)
	Heating (UK)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.3 (5.7-14.1)
SHF (nominal & UK)		0.82	0.84	0.84
COP / EER (nominal)		4.31 / 3.91	3.99 / 3.24	3.93 / 3.10
SCOP / SEER (BS EN14825)		4.2 / 5.5	3.9 / 4.9	4.0 / 4.7
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Hi	400-483-567	492-558-700	533-650-767
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		61	66	66
DIMENSIONS (mm)	Width x Depth x Height	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		41	43	47
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4
INDOOR PRICE		£793	£816	£871
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP100YKA3 Three Phase	PUHZ-ZRP125YKA3 Three Phase	PUHZ-ZRP140YKA3 Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Cooling	69	70	70
WEIGHT (kg)		123	125	131
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	2.60 / 2.63	3.86 / 4.05	3.81 / 4.36
INPUT (kW)	Heating/Cooling (UK)	2.18 / 2.24	3.24 / 3.44	3.20 / 3.71
STARTING CURRENT (A)		4.0	4.0	4.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.23 / 4.20 [10.7]	5.99 / 6.29 [12.3]	7.59 / 7.06 [15.8]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg) - 30m		5.0	5.0	5.0
OUTDOOR PRICE		£1,577	£1,750	£2,110
SYSTEM PRICE		£2,370	£2,566	£2,981

③ Three Phase Note: Indoor price includes separate PAR-32MAA wired remote controller.



PEAD-RP Standard Inverter Heat Pump (Single Phase)

Ceiling Concealed Ducted System

PEAD-RP - INDOOR UNITS		PEAD-RP35JQAQ	PEAD-RP50JQAQ	PEAD-RP60JQAQ	PEAD-RP71JQAQ	PEAD-RP100JQAQ	PEAD-RP125JQAQ	PEAD-RP140JQAQ
CAPACITY (kW)	Heating (nominal)	4.1 (1.7-5.0)	5.9 (1.7-7.2)	7.0 (2.5-8.0)	8.0 (2.6-10.2)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	3.6 (1.4-3.9)	4.9 (2.3-5.6)	5.7 (2.3-6.3)	7.1 (2.8-8.1)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	3.49 (1.45-4.25)	5.02 (1.45-6.12)	5.95 (2.13-6.80)	6.80 (2.21-8.67)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	3.31 (1.29-3.59)	4.51 (2.12-5.15)	5.24 (2.12-5.80)	6.53 (2.58-7.45)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		0.85	0.85	0.86	0.83	0.85	0.85	0.84
COP / EER (nominal)		3.69 / 3.42	3.64 / 3.31	3.63 / 3.41	3.92 / 3.41	3.61 / 3.01	3.62 / 2.91	3.61 / 3.01
SCOP / SEER (BS EN14825)		4.0 / 5.5	4.2 / 5.4	4.0 / 5.6	3.9 / 5.8	3.8 / 4.6	3.9 / 3.5	3.7 / 3.2
EP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A	A+ / A	A+ / A+	A / A+	A / B	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Hi	167-200-233	200-242-283	242-300-350	292-350-417	400-483-567	492-558-700	533-650-767
PIPE SIZE mm (in)	Gas	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	23-27-30	26-31-35	25-29-33	26-30-34	29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		52	57	55	58	61	66	66
DIMENSIONS (mm)	Width x Depth x Height	900 x 732 x 250	900 x 732 x 250	1100 x 732 x 250	1100 x 732 x 250	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		26	28	33	33	41	43	47
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4
INDOOR PRICE		£520	£596	£632	£705	£793	£816	£871
SUZ-KA / PUHZ-P - OUTDOOR UNITS		SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	PUHZ-P100VHA5	PUHZ-P125VHA4	PUHZ-P140VHA4
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	50 / 49	52 / 52	55 / 55	55 / 55	54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA)	Cooling	62	65	65	69	70	71	73
WEIGHT (kg)		35	54	50	53	75	99	99
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880	950 x 330 + 30 x 943	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER	Heating/Cooling (nominal)	1.11 / 1.05	1.62 / 1.48	1.93 / 1.67	2.04 / 2.08	3.10 / 3.12	3.87 / 4.22	4.43 / 4.52
INPUT (kW)	Heating/Cooling (UK)	0.93 / 0.89	1.36 / 1.26	1.62 / 1.42	1.71 / 1.75	2.6 / 2.65	3.25 / 3.59	3.72 / 3.80
STARTING CURRENT (A)		5.1	7.3	8.4	9.3	12.0	15.0	15.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.90 / 5.10 [9.3]	6.90 / 7.30 [13.4]	7.40 / 8.40 [15.6]	9.30 / 9.10 [18.1]	16.27 / 15.55 [30.65]	19.03 / 19.66 [30.76]	23.8 / 24.97 [32.28]
FUSE RATING (BS88) - HRC (A)		16	20	20	20	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		20	30	30	30	50	50	50
MAX HEIGHT DIFFERENCE (m)		12	30	30	30	30	30	30
CHARGE R410A (kg)		1.15	1.60	1.80	1.80	3.0	4.5	4.5
OUTDOOR PRICE		£597	£672	£718	£803	£1,118	£1,243	£1,509
SYSTEM PRICE		£1,117	£1,268	£1,350	£1,508	£1,911	£2,059	£2,380

Notes: All units charged to 7m (35-71), 30m (100-140) pipe length. Indoor price includes separate PAR-32MAA wired remote controller.



PEAD-RP Standard Inverter Heat Pump (Three Phase)

Ceiling Concealed Ducted System

PEAD-RP - INDOOR UNITS		PEAD-RP100JQA	PEAD-RP125JQA	PEAD-RP140JQA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		0.85	0.85	0.84
COP / EER (nominal)		3.61 / 3.01	3.62 / 2.91	3.61 / 3.01
SCOP / SEER (BS EN14825)		3.8 / 4.6	3.9 / 3.5	3.7 / 3.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / B	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Hi	400-483-567	492-558-700	533-650-767
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		61	66	66
DIMENSIONS (mm)	Width x Depth x Height	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		41	43	47
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4
INDOOR PRICE		£793	£816	£871
PUHZ-P - OUTDOOR UNITS		PUHZ-P100YHA3 Three Phase	PUHZ-P125YHA2 Three Phase	PUHZ-P140YHA2 Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA)	Cooling	70	71	73
WEIGHT (kg)		77	101	101
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 x 30 x 943	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	3.10 / 3.12	3.87 / 4.22	4.43 / 4.52
INPUT (kW)	Heating/Cooling (UK)	2.60 / 2.65	3.25 / 3.59	3.72 / 3.80
STARTING CURRENT (A)		4.0	5.0	5.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	6.83 / 6.68 [15.65]	8.38 / 8.58 [15.76]	10.07 / 10.52 [15.78]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg)		3.0	4.5	4.5
OUTDOOR PRICE		£1,191	£1,346	£1,601
SYSTEM PRICE		£1,984	£2,162	£2,472

③ Three Phase Notes: All units charged to 30m (100-140) pipe length. Indoor price includes separate PAR-32MAA wired remote controller.



PEAD-RP Zubadan Inverter Heat Pump

Ceiling Concealed Ducted System

PEAD-RP - INDOOR UNITS		PEAD-RP100JAQ	PEAD-RP100JAQ	PEAD-RP125JAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	11.2 (4.5-14.0)	14.0 (5.0-16.0)
	Cooling (nominal)	10.0 (4.9-11.4)	10.0 (4.9-11.4)	12.5 (5.5-14.0)
	Heating (UK)	11.1 (4.45-13.85)	11.1 (4.45-13.85)	13.85 (4.95-15.85)
	Cooling (UK)	9.2 (4.5-10.5)	9.2 (4.5-10.5)	11.5 (5.05-12.9)
SHF (nominal & UK)		0.82	0.82	0.84
COP / EER (nominal)		3.61 / 3.42	3.61 / 3.42	3.61 / 3.21
SCOP / SEER (BS EN14825)		3.8 / 4.8	3.8 / 4.8	3.6 / 4.8
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / B	A / B	A / B
AIRFLOW (l/s)	Lo-Mi-Hi	400-483-567	400-483-567	492-558-700
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	29-34-38	29-34-38	33-36-40
SOUND POWER LEVEL (dBA)		61	61	66
DIMENSIONS (mm)	Width x Depth x Height	1400 x 732 x 250	1400 x 732 x 250	1400 x 732 x 250
WEIGHT (kg)		41	41	43
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4
INDOOR PRICE		£793	£793	£816
PUHZ-SHW - OUTDOOR UNITS		PUHZ-SHW112VHA	PUHZ-SHW112YHA Three Phase	PUHZ-SHW140YHA Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	52 / 51	52 / 51	52 / 51
	Cooling	69	69	69
WEIGHT (kg)		120	134	134
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	380-415, 50Hz	380-415, 50Hz
PHASE		Single	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	3.10 / 2.90	3.10 / 2.90	3.88 / 3.87
INPUT (kW)	Heating/Cooling (UK)	2.76 / 2.47	2.76 / 2.47	3.45 / 3.29
STARTING CURRENT (A)		14	3	3
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	12.85 / 12.78 [37.8]	5.31 / 5.37 [15.8]	7.20 / 7.32 [15.8]
FUSE RATING (BS88) - HRC (A)		40	16	16
MAINS CABLE No. Cores		3	5	5
MAX PIPE LENGTH (m)		75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg) - 30m		5.5	5.5	5.5
OUTDOOR PRICE		£2,532	£2,709	£3,155
SYSTEM PRICE		£3,325	£3,502	£3,971

Three Phase Note: Indoor price includes separate PAR-32MAA wired remote controller.



PEA-RP Power Inverter Heat Pump

Large Capacity Ceiling Concealed Ducted System

PEA-RP - INDOOR UNITS		PEA-RP200GAQ Three Phase	PEA-RP250GAQ Three Phase	PEA-RP400GAQ Three Phase	PEA-RP500GAQ Three Phase
CAPACITY (kW)	Heating (nominal)	22.4 (9.5-25.0)	27.0 (12.5-31.5)	44.8 (18.0-50.0)	54.0 (25.0-63.0)
	Cooling (nominal)	19.0 (9.0-22.4)	22.0 (11.2-28.0)	38.0 (18.0-44.8)	44.0 (22.4-56.0)
	Heating (UK)	19.05 (8.1-21.25)	22.95 (10.65-26.8)	38.1 (15.3-42.5)	45.9 (21.25-53.55)
	Cooling (UK)	17.5 (8.3-20.6)	20.25 (10.3-25.75)	34.95 (16.55-41.2)	40.5 (20.6-51.5)
SHF (nominal & UK)		0.81	0.86	0.75	0.77
COP / EER (nominal)		3.23 / 2.94	3.02 / 2.65	3.34 / 3.05	2.94 / 2.57
ENERGY LABEL	Heating/Cooling (nominal)	B / C	C / D	B / C	D / E
AIRFLOW (l/s)	Lo-Hi	867-1084	1067-1334	2000	2500
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8") x2	28.58 (1 1/8") x2
	Liquid	9.52 (3/8")	12.7 (1/2")	9.52 (3/8") x2	12.7 (1/2") x2
EXTERNAL STATIC PRESSURE (Pa)		150	150	150	150
SOUND PRESSURE LEVEL (dBA) (50Pa) Lo-Hi		49-51	49-52	52	53
DIMENSIONS (mm)	Width x Depth x Height	1400 x 634 x 400	1600 x 634 x 400	1947 x 764 x 595	1947 x 764 x 595
WEIGHT (kg)		70	77	130	133
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
POWER INPUT (kW)	Nominal / UK	1.00 / 0.89	1.18 / 1.05	1.55 / 1.38	2.84 / 2.53
STARTING CURRENT (A)		5.6	5.6	8.7	10
RUNNING CURRENT (A) [MAX]		2.0 [2.4]	2.3 [2.8]	3.8 [4.6]	5.4 [6.5]
FUSE RATING (BS88) - HRC (A)		6	6	10	10
MAINS CABLE No. Cores		5	5	5	5
INTERCONNECTING CABLE No. Cores		3	3	3	3
INDOOR PRICE		£1,227	£1,399	£2,068	£2,455
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP200YKA2 Three Phase	PUHZ-ZRP250YKA2 Three Phase	PUHZ-ZRP200YKA2 x2 Three Phase	PUHZ-ZRP250YKA2 x2 Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		62 / 59	62 / 59	62 / 59	62 / 59
WEIGHT (kg)		135	135	135	135
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 + 40 x 1338	1050 x 330 + 40 x 1338	1050 x 330 + 40 x 1338	1050 x 330 + 40 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	6.94 / 6.46	8.94 / 8.31	13.43 / 12.47	18.36 / 17.10
INPUT (kW)	Heating/Cooling (UK)	5.83 / 5.49	7.51 / 7.06	11.28 / 10.60	15.42 / 14.54
STARTING CURRENT (A)		5	5	5	5
RUNNING CURRENT (A) Heating/Cooling [MAX]		8.63 / 8.94 [19]	11.01 / 11.23 [21]	8.63 / 8.94 [19]	11.01 / 11.23 [21]
FUSE RATING (BS88) - HRC (A)		20	25	20	25
MAINS CABLE No. Cores		5	5	5	5
MAX PIPE LENGTH (m)		100	100	100	100
MAX HEIGHT DIFFERENCE (m)		30	30	30	30
CHARGE R410A (kg) - 30m		7.1	7.7	7.1	7.7
OUTDOOR PRICE		£3,075	£3,275	£6,150	£6,550
SYSTEM PRICE		£4,302	£4,674	£8,218	£9,005

Three Phase Note: Indoor price includes separate PAR-32MAA wired remote controller.



PEA-RP Standard Inverter Heat Pump

Large Capacity Ceiling Concealed Ducted System

PEA-RP - INDOOR UNITS		PEA-RP200GAQ Three Phase ③	PEA-RP250GAQ Three Phase ③	PEA-RP400GAQ Three Phase ③	PEA-RP500GAQ Three Phase ③
CAPACITY (kW)	Heating (nominal)	22.4 (9.5-25.0)	27.0 (12.5-31.5)	44.8 (19.0-50.0)	54.0 (25.0-63.0)
	Cooling (nominal)	19.0 (8.0-22.4)	22.0 (11.2-28.0)	38.0 (18.0-44.8)	44.0 (22.4-56.0)
	Heating (UK)	19.05 (8.1-21.25)	22.95 (10.65-26.8)	38.1 (16.15-42.5)	45.9 (21.25-53.55)
	Cooling (UK)	17.5 (8.3-20.6)	20.25 (10.3-25.75)	34.95 (16.55-41.2)	40.5 (20.6-51.5)
SHF (nominal & UK)		0.81	0.86	0.75	0.77
COP / EER (nominal)		3.15 / 2.86	2.90 / 2.53	3.26 / 2.96	2.83 / 2.46
ENERGY LABEL	Heating/Cooling (nominal)	D / D	D / D	D / D	D / E
AIRFLOW (l/s)	Lo-Hi	867-1084	1067-1334	2000	2500
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8") x2	28.58 (1 1/8") x2
	Liquid	9.52 (3/8")	12.7 (1/2")	9.52 (3/8") x2	12.7 (1/2") x2
EXTERNAL STATIC PRESSURE (Pa)		150	150	150	150
SOUND PRESSURE LEVEL (dBA) (50Pa) Lo-Hi		48-51	49-52	52	53
DIMENSIONS (mm)	Width x Depth x Height	1400 x 634 x 400	1600 x 634 x 400	1947 x 764 x 595	1947 x 764 x 595
WEIGHT (kg)		70	77	130	133
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
POWER INPUT (kW)	Nominal / UK	1.00 / 0.89	1.18 / 1.05	1.55 / 1.38	2.84 / 2.53
STARTING CURRENT (A)		5.6	5.6	8.7	10
RUNNING CURRENT (A) [MAX]		2.0 [2.4]	2.3 [2.8]	3.8 [4.6]	5.4 [6.5]
FUSE RATING (BS88) - HRC (A)		6	6	10	10
MAINS CABLE No. Cores		5	5	5	5
INTERCONNECTING CABLE No. Cores		3	3	3	3
INDOOR PRICE		£1,227	£1,399	£2,068	£2,455
PUHZ-P - OUTDOOR UNITS		PUHZ-P200YKA2 Three Phase ③	PUHZ-P250YKA2 Three Phase ③	PUHZ-P200YKA2 x2 Three Phase ③	PUHZ-P250YKA2 x2 Three Phase ③
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		60 / 58	62 / 59	60 / 58	62 / 59
WEIGHT (kg)		127	135	127	135
DIMENSIONS (mm) Width x Depth x Height		1050 x 330+40 x 1338	1050 x 330+40 x 1338	1050 x 330+40 x 1338	1050 x 330+40 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	7.36 / 7.21	8.47 / 8.44	14.27 / 13.97	17.42 / 17.36
	Heating/Cooling (UK)	6.18 / 6.13	7.12 / 7.17	12.13 / 11.73	14.63 / 14.76
STARTING CURRENT (A)		5	5	5	5
RUNNING CURRENT (A) Heating/Cooling [MAX]		9.88 / 9.47 [19]	12.0 / 11.0 [21]	9.88 / 9.47 [19]	12.0 / 11.0 [21]
FUSE RATING (BS88) - HRC (A)		20	25	20	25
MAINS CABLE No. Cores		5	5	5	5
MAX PIPE LENGTH (m)		70	70	70 per outdoor	70 per outdoor
MAX HEIGHT DIFFERENCE (m)		30	30	30	30
CHARGE R410A (kg) - 30m		5.8	7.1	5.8	7.1
OUTDOOR PRICE		£2,407	£2,643	£4,814	£5,286
SYSTEM PRICE		£3,634	£4,042	£6,882	£7,741

③ Three Phase Note: Indoor price includes separate PAR-32MAA wired remote controller.



PCA-RP Power Inverter Heat Pump (Single Phase)

Ceiling Suspended System

PCA-RP - INDOOR UNITS		PCA-RP50KAQ	PCA-RP60KAQ	PCA-RP71KAQ	PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
CAPACITY (kW)	Heating (nominal)	5.5 (2.5-6.6)	7.0 (2.8-8.2)	8.0 (3.5-10.2)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	5.0 (2.3-5.6)	6.0 (2.7-6.7)	7.1 (3.3-8.1)	9.5 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.0)
	Heating (UK)	4.7 (2.15-5.6)	5.95 (2.4-6.95)	6.8 (3.0-8.65)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	4.6 (2.1-5.15)	5.5 (2.5-6.15)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.9 (5.7-13.8)
SHF (nominal & UK)		0.79	0.81	0.76	0.77	0.72	0.72
COP / EER (nominal)		3.79 / 3.73	3.63 / 3.67	3.64 / 3.90	3.68 / 3.90	3.68 / 3.14	3.50 / 3.39
SCOP / SEER (BS EN14825)		4.2 / 6.0	4.3 / 6.2	4.3 / 6.6	3.9 / 6.0	4.2 / 5.2	4.4 / 5.3
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+	A+ / A++	A+ / A++	A / A+	N/A	N/A
AIRFLOW (l/s)	Lo-Mi1-Mi2-Hi	167-183-217-250	250-267-283-317	267-283-300-333	367-400-433-467	383-417-450-483	400-433-483-533
PIPE SIZE mm (in)	Gas/Liquid	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	32-34-37-40	33-35-37-40	35-37-39-41	37-39-41-43	39-41-43-45	41-43-45-48
SOUND POWER LEVEL (dBA)		60	60	62	63	65	68
DIMENSIONS (mm)	Width x Depth x Height	960 x 680 x 230	1280 x 680 x 230	1280 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230
WEIGHT (kg)		25	32	32	36	38	39
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4
INDOOR PRICE		£707	£739	£789	£895	£918	£982
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP140VKA3
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	46 / 44	48 / 47	48 / 47	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Cooling	65	67	67	69	70	70
WEIGHT (kg)		46	67	67	116	116	118
DIMENSIONS (mm)	Width x Depth x Height	809 x 300 x 630	950 x 330 x 30 x 943	950 x 330 x 30 x 943	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
SYSTEM POWER	Heating/Cooling (nominal)	1.45 / 1.34	1.93 / 1.66	2.20 / 1.82	3.04 / 2.42	3.80 / 3.98	4.57 / 3.95
INPUT (kW)	Heating/Cooling (UK)	1.22 / 1.14	1.62 / 1.41	1.85 / 1.55	2.55 / 2.05	3.19 / 3.38	3.84 / 3.36
STARTING CURRENT (A)		5.0	5.0	6.0	12.0	12.0	12.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	7.23 / 6.56 [13.4]	9.26 / 8.07 [19.4]	8.81 / 7.78 [19.4]	11.36 / 11.27 [27.2]	16.42 / 17.26 [27.3]	21.09 / 19.58 [28.9]
FUSE RATING (BS88) - HRC (A)		16	25	25	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3
MAX PIPE LENGTH (m)		50	50	50	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg) - 30m		2.2	2.4	3.5	3.5	5.0	5.0
OUTDOOR PRICE		£1,082	£1,179	£1,229	£1,458	£1,624	£1,951
SYSTEM PRICE		£1,789	£1,918	£2,018	£2,353	£2,542	£2,933

Note: Indoor price includes separate PAR-32MAA wired remote controller.



PCA-RP Power Inverter Heat Pump (Three Phase)

Ceiling Suspended System

PCA-RP - INDOOR UNITS		PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	9.5 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.0)
	Heating (UK)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.3 (5.7-13.8)
SHF (nominal & UK)		0.77	0.72	0.72
COP / EER (nominal)		3.68 / 3.90	3.68 / 3.14	3.50 / 3.39
SCOP / SEER (BS EN14825)		3.9 / 5.9	4.2 / 5.2	4.4 / 5.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / A+	N/A	N/A
AIRFLOW (l/s)	Lo-Mi1-Mi2-Hi	367-400-433-467	383-417-450-483	400-433-483-533
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	37-39-41-43	39-41-43-45	41-43-45-48
SOUND POWER LEVEL (dBA)		63	65	68
DIMENSIONS (mm)	Width x Depth x Height	1600 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230
WEIGHT (kg)		36	38	39
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4

INDOOR PRICE	£895	£918	£982
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PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP100YKA3 Three Phase	PUHZ-ZRP125YKA3 Three Phase	PUHZ-ZRP140YKA3 Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	51 / 49	52 / 50	52 / 50
	Cooling	69	70	70
WEIGHT (kg)		123	125	131
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 + 40 x 1338	1050 x 330 + 40 x 1338	1050 x 330 + 40 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	3.04 / 2.42	3.80 / 3.98	4.57 / 3.95
INPUT (kW)	Heating/Cooling (UK)	2.55 / 2.05	3.19 / 3.38	3.84 / 3.36
STARTING CURRENT (A)		4.0	4.0	4.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.07 / 4.04 [8.7]	6.30 / 6.60 [10.3]	8.04 / 7.51 [13.9]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg) - 30m		5.0	5.0	5.0

OUTDOOR PRICE	£1,577	£1,750	£2,110
SYSTEM PRICE	£2,472	£2,668	£3,092

Three Phase Note: Price includes separate PAR-32MAA wired remote controller.



PCA-RP Standard Inverter Heat Pump (Single Phase)

Ceiling Suspended System

PCA-RP - INDOOR UNITS		PCA-RP50KAQ	PCA-RP60KAQ	PCA-RP71KAQ	PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
CAPACITY (kW)	Heating (nominal)	5.5 (1.7-6.6)	6.9 (2.5-8.0)	7.9 (2.6-10.2)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	5.0 (2.3-5.6)	5.7 (2.3-6.3)	7.1 (2.8-8.1)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	4.62 (1.43-5.54)	5.8 (2.1-6.72)	6.63 (2.18-8.56)	9.4 (3.78-10.49)	11.76 (4.2-13.44)	13.44 (4.2-15.12)
	Cooling (UK)	4.9 (2.25-5.49)	5.58 (2.25-6.17)	6.95 (2.74-7.93)	9.21 (4.8-10.97)	12.05 (5.39-13.72)	13.32 (5.39-14.69)
SHF (nominal & UK)		0.79	0.81	0.76	0.77	0.72	0.72
COP / EER (nominal)		3.62 / 3.23	3.70 / 3.31	3.62 / 3.41	3.41 / 3.00	3.40 / 3.01	3.41 / 2.81
SCOP / SEER (BS EN14825)		4.0 / 5.7	4.0 / 6.0	4.0 / 6.0	3.8 / 5.1	3.7 / 3.5	3.5 / 3.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+	A+ / A+	A+ / A+	A / A	N/A	N/A
AIRFLOW (l/s)	Lo-Mi1-Mi2-Hi	167-183-217-250	250-267-283-317	267-283-300-333	367-400-433-467	383-417-450-483	400-433-483-533
PIPE SIZE (mm (in))	Gas/Liquid	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	32-34-37-40	33-35-37-40	35-37-39-41	37-39-41-43	39-41-43-45	41-43-45-48
SOUND POWER LEVEL (dBa)		60	60	62	63	65	68
DIMENSIONS (mm)	Width x Depth x Height	960 x 680 x 230	1280 x 680 x 230	1280 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230
WEIGHT (kg)		25	32	32	36	38	39
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4
INDOOR PRICE		£707	£739	£789	£895	£918	£982
SUZ-KA / PUHZ-P - OUTDOOR UNITS		SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	PUHZ-P100VHA5	PUHZ-P125VHA4	PUHZ-P140VHA4
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		52 / 52	55 / 55	55 / 55	54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA) Cooling		65	65	69	70	71	73
WEIGHT (kg)		54	50	53	75	99	99
DIMENSIONS (mm)	Width x Depth x Height	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880	950 x 330 x 30 x 943	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	1.52 / 1.55	1.91 / 1.72	2.18 / 2.08	3.28 / 3.13	4.12 / 4.09	4.69 / 4.84
	Heating/Cooling (UK)	1.28 / 1.32	1.60 / 1.46	1.83 / 1.77	2.75 / 2.63	3.50 / 3.48	3.94 / 4.11
STARTING CURRENT (A)		7.7	8.3	9.1	12.0	15.0	15.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		7.50 / 7.70 [12.4]	7.60 / 8.30 [14.4]	9.10 / 8.70 [16.5]	15.35 / 14.63 [28.7]	17.50 / 18.13 [28.8]	22.21 / 23.38 [30.4]
FUSE RATING (BS88) - HRC (A)		20	20	20	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3
MAX PIPE LENGTH (m)		30	30	30	50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg)		1.60	1.80	1.80	3.0	4.5	4.5
OUTDOOR PRICE		£672	£718	£803	£1,118	£1,243	£1,509
SYSTEM PRICE		£1,379	£1,457	£1,592	£2,013	£2,161	£2,491



Notes: All units charged to 7m (35-71), 30m (100-140) pipe length. Indoor price includes separate PAR-32MAA wired remote controller. Duty/standby not available on SUZ-KA50/60/71VA6.

PCA-RP Standard Inverter Heat Pump (Three Phase)

Ceiling Suspended System

PCA-RP - INDOOR UNITS		PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		0.77	0.72	0.72
COP / EER (nominal)		3.41 / 3.00	3.40 / 3.01	3.41 / 2.81
SCOP / SEER (BS EN14825)		3.8 / 5.1	3.7 / 3.5	3.5 / 3.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / A	N/A	N/A
AIRFLOW (l/s)	Lo-Mi1-Mi2-Hi	367-400-433-467	383-417-450-483	400-433-483-533
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	37-39-41-43	39-41-43-45	41-43-45-48
SOUND POWER LEVEL (dBA)		63	65	68
DIMENSIONS (mm)	Width x Depth x Height	1600 x 680 x 230	1600 x 680 x 230	1600 x 680 x 230
WEIGHT (kg)		36	38	39
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4
INDOOR PRICE		£895	£918	£982
PUHZ-P - OUTDOOR UNITS		PUHZ-P100YHA3 Three Phase	PUHZ-P125YHA2 Three Phase	PUHZ-P140YHA2 Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA)	Cooling	70	71	73
WEIGHT (kg)		77	101	101
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 x 30 x 943	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	3.28 / 3.13	4.12 / 4.09	4.69 / 4.84
	Heating/Cooling (UK)	2.75 / 2.63	3.50 / 3.48	3.94 / 4.11
STARTING CURRENT (A)		4.0	5.0	5.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	5.91 / 5.65 [13.7]	6.85 / 6.94 [13.8]	8.48 / 8.82 [13.9]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg)		3.0	4.5	4.5
OUTDOOR PRICE		£1,191	£1,346	£1,601
SYSTEM PRICE		£2,086	£2,264	£2,583

Three Phase Notes: All units charged to 7m (35-71), 30m (100-140) pipe length. Indoor price includes separate PAR-32MAA wired remote controller.



PCA-RP-HAQ Power Inverter Heat Pump

Stainless Steel Ceiling Suspended System

PCA-RP-HAQ - INDOOR UNITS		PCA-RP71HAQ	
CAPACITY (kW)	Heating (nominal) Cooling (nominal) Heating (UK) Cooling (UK)		7.6 (3.5-10.2) 7.1 (3.3-8.1) 6.45 (3.0-8.65) 6.55 (3.05-7.45)
SHF (nominal & UK)			0.74
COP / EER (nominal)			3.23 / 3.27
SCOP / SEER			3.8 / 5.6
ENERGY EFFICIENCY CLASS	Heating/Cooling		A / A+
AIRFLOW (l/s)	Lo-Hi		283-317
PIPE SIZE mm (in)	Gas/Liquid		15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Hi		34-38
SOUND POWER LEVEL (dBa)			56
DIMENSIONS (mm)	Width x Depth x Height		1136 x 650 x 280
WEIGHT (kg)			41
ELECTRICAL SUPPLY			Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)			6
INTERCONNECTING CABLE No. Cores			4
INDOOR PRICE		£1,228	
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP71VHA2	
SOUND PRESSURE LEVEL (dBA) Heating/Cooling			48 / 47
SOUND POWER LEVEL (dBa) Cooling			67
WEIGHT (kg)			67
DIMENSIONS (mm)	Width x Depth x Height		950 x 330 x 30 x 943
ELECTRICAL SUPPLY			220-240v, 50Hz
PHASE			Single
SYSTEM POWER Heating/Cooling (nominal)			2.35 / 2.17
INPUT (kW) Heating/Cooling (UK)			1.97 / 1.84
STARTING CURRENT (A)			6.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]			8.82 / 7.79 [19.4]
FUSE RATING (BS88) - HRC (A)			25
MAINS CABLE No. Cores			3
MAX PIPE LENGTH (m)			50
MAX HEIGHT DIFFERENCE (m)			30
CHARGE R410A (kg) - 30m			3.5
OUTDOOR PRICE		£1,229	
SYSTEM PRICE		-£2,457	

Note: Indoor price includes separate PAR-32MAA wired remote controller.



PSA-RP Power Inverter Heat Pump

Floor Standing System

PSA-RP - INDOOR UNITS		PSA-RP71KA	PSA-RP100KA	PSA-RP100KA	PSA-RP125KA	PSA-RP125KA	PSA-RP140KA	PSA-RP140KA
CAPACITY (kW)	Heating (nominal)	7.6 (3.5-10.2)	11.2 (4.5-14.0)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)	16.0 (5.7-18.0)
	Cooling (nominal)	7.1 (3.3-8.1)	9.5 (4.9-11.4)	9.5 (4.9-11.4)	12.5 (5.5-14.0)	12.5 (5.5-14.0)	13.4 (6.2-15.0)	13.4 (6.2-15.0)
	Heating (UK)	6.45 (3.0-8.65)	9.5 (3.85-11.9)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	11.9 (4.25-13.6)	13.6 (4.84-15.3)	13.6 (4.84-15.3)
	Cooling (UK)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	9.2 (4.5-10.5)	11.4 (5.05-12.9)	11.4 (5.05-12.9)	12.3 (5.7-13.8)	12.3 (5.7-13.8)
SHF (nominal & UK)		0.75	0.73	0.73	0.72	0.72	0.71	0.71
COP / EER (nominal)		3.44 / 3.76	3.64 / 3.80	3.64 / 3.80	3.30 / 3.06	3.30 / 3.06	3.34 / 3.30	3.34 / 3.30
SCOP / SEER (BS EN14825)		4.0 / 6.3	4.0 / 5.6	4.0 / 5.5	4.0 / 5.0	4.0 / 4.9	4.4 / 5.3	4.4 / 5.3
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A+	A+ / A	N/A	N/A	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Hi	333-367-400	417-467-500	417-467-500	417-467-517	417-467-517	417-467-517	417-467-517
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	40-42-44	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51
SOUND POWER LEVEL (dBA)		60	65	65	66	66	66	66
DIMENSIONS (mm)	Width x Depth x Height (Grille)	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900
WEIGHT (kg)	Unit / Panel	46	46	46	46	46	48	48
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4
INDOOR PRICE		£843	£975	£975	£1,030	£1,030	£1,089	£1,089
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3 Three Phase [3]	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3 Three Phase [3]	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3 Three Phase [3]
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	48 / 47	51 / 49	51 / 49	52 / 50	52 / 50	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Cooling	67	69	69	70	70	70	70
WEIGHT (kg)		67	116	123	116	125	118	131
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 x 30 x 943	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Single	Three	Single	Three	Single	Three
SYSTEM POWER	Heating/Cooling (nominal)	2.21 / 1.89	3.08 / 2.50	3.08 / 2.50	4.24 / 4.09	4.24 / 4.09	4.79 / 4.06	4.79 / 4.06
INPUT (kW)	Heating/Cooling (UK)	1.86 / 1.61	2.59 / 2.13	2.59 / 2.13	3.56 / 3.48	3.56 / 3.48	4.02 / 3.45	4.02 / 3.45
STARTING CURRENT (A)		6.0	12.0	4.0	12.0	4.0	12.0	4.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	8.79 / 7.76 [19.4]	11.58 / 11.62 [27.2]	4.54 / 4.55 [8.7]	16.39 / 17.23 [27.2]	6.27 / 6.57 [10.2]	20.92 / 19.41 [28.7]	7.87 / 7.34 [13.7]
FUSE RATING (BS88) - HRC (A)		25	32	16	32	16	40	16
MAINS CABLE No. Cores		3	3	5	3	5	3	3
MAX PIPE LENGTH (m)		50	75	75	75	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30	30
CHARGE R410A (kg) - 30m		3.5	5.0	5.0	5.0	5.0	5.0	5.0
OUTDOOR PRICE		£1,229	£1,458	£1,577	£1,624	£1,750	£1,951	£2,110
SYSTEM PRICE		£2,072	£2,433	£2,552	£2,654	£2,780	£3,040	£3,199

3 Three Phase Note: Indoor price includes built in PAR-21MAA wired remote controller.



PSA-RP Standard Inverter Heat Pump

Floor Standing System

PSA-RP - INDOOR UNITS		PSA-RP100KA	PSA-RP100KA	PSA-RP125KA	PSA-RP125KA	PSA-RP140KA	PSA-RP140KA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	14.0 (5.0-16.0)	16.0 (5.0-18.0)	16.0 (5.0-18.0)
	Cooling (nominal)	9.4 (4.9-11.2)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	12.3 (5.5-14.0)	13.6 (5.5-15.0)	13.6 (5.5-15.0)
	Heating (UK)	9.5 (3.85-10.65)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	11.9 (4.25-13.6)	13.6 (4.25-15.3)	13.6 (4.25-15.3)
	Cooling (UK)	8.65 (4.5-10.3)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	11.3 (5.05-12.9)	12.5 (5.06-12.7)	12.5 (5.06-12.7)
SHF (nominal & UK)		0.73	0.73	0.72	0.72	0.71	0.71
COP / EER (nominal)		3.41 / 3.01	3.41 / 3.01	2.81 / 2.81	2.81 / 2.81	2.81 / 2.41	2.81 / 2.41
SCOP / SEER (BS EN14825)		3.8 / 4.6	3.8 / 4.6	3.7 / 3.5	3.7 / 3.5	3.4 / 3.2	3.4 / 3.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / B	A / B	N/A	N/A	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Hi	417-467-500	417-467-500	417-467-517	417-467-517	417-467-517	417-467-517
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51
SOUND POWER LEVEL (dBA)		65	65	66	66	66	66
DIMENSIONS (mm)	Width x Depth x Height (Grille)	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900
WEIGHT (kg)		46	46	46	46	48	48
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4
INDOOR PRICE		£975	£975	£1,030	£1,030	£1,089	£1,089
PUHZ-P - OUTDOOR UNITS		PUHZ-P100VHA5	PUHZ-P100YHA3 ③ Three Phase	PUHZ-P125VHA4	PUHZ-P125YHA2 ③ Three Phase	PUHZ-P140VHA4	PUHZ-P140YHA2 ③ Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	54 / 50	54 / 50	55 / 51	55 / 51	56 / 52	56 / 52
SOUND POWER LEVEL (dBA)	Cooling	70	70	71	71	73	73
WEIGHT (kg)		75	77	99	101	99	101
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 x 30 x 943	950 x 330 x 30 x 943	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Three	Single	Three	Single	Three
SYSTEM POWER	Heating/Cooling (nominal)	3.28 / 3.12	3.28 / 3.12	4.98 / 4.38	4.98 / 4.38	5.69 / 5.64	5.69 / 5.64
INPUT (kW)	Heating/Cooling (UK)	2.76 / 2.65	2.76 / 2.65	4.19 / 3.72	4.19 / 3.72	4.78 / 4.79	4.78 / 4.79
STARTING CURRENT (A)		12.0	4.0	15.0	5.0	15.0	5.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	15.36 / 14.69 [28.7]	5.92 / 5.71 [13.7]	17.47 / 18.10 [28.7]	6.82 / 6.91 [13.7]	22.04 / 23.21 [30.2]	8.31 / 8.65 [13.7]
FUSE RATING (BS88) - HRC (A)		32	16	32	16	40	16
MAINS CABLE No. Cores		3	5	3	5	3	3
MAX PIPE LENGTH (m)		50	50	50	50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg)		3.0	3.0	4.5	4.5	4.5	4.5
OUTDOOR PRICE		£1,118	£1,191	£1,243	£1,346	£1,509	£1,601
SYSTEM PRICE		£2,093	£2,166	£2,273	£2,376	£2,598	£2,690

③ Three Phase Notes: Indoor price includes built in PAR-21MAA wired remote controller. All units charged to 30m (100-140) pipe length.



HP DXE

Heat Pump Air Curtain

HP DXE - RECESSED		HP1000R DXE	HP1500R DXE	HP1500R DXE	HP2000R DXE	HP2000R DXE	HP2000R DXE
CAPACITY (kW)	Heating (nominal)	8.3	13.8	13.8	15.9	15.9	21.0
	Cooling (nominal)	7.4	12.3	12.3	14.2	14.2	18.7
AIRFLOW MAX (l/s)		364	575	575	720	720	720
SOUND PRESSURE LEVEL AT 3m (dBA)	Lo-Mi-Hi	50-55-58	49-54-58	49-54-58	50-55-58	50-55-58	50-55-58
WEIGHT (kg)		52	75	75	93	93	93
DIMENSIONS (mm)	Width x Depth x Height	1250 x 348 x 539	1750 x 348 x 539	1750 x 348 x 539	2340 x 348 x 539	2340 x 348 x 539	2340 x 348 x 539
ELECTRICAL SUPPLY*1		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
PHASE*1		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)*1		0.8	1.2	1.2	1.4	1.4	1.4
MAINS CABLE No. Cores*1		3	3	3	3	3	3
UNIFORMITY AT OUTLET (%)*2		90	92	92	90	90	90
MAX MOUNTING HEIGHT (m)		3.3	3.3	3.3	3.3	3.3	3.3
PRICE		£2,462	£2,958	£2,958	£3,455	£3,455	£3,455
HP DXE - FREE STANDING		HP1000 DXE	HP1500 DXE	HP1500 DXE	HP2000 DXE	HP2000 DXE	HP2000 DXE
CAPACITY (kW)	Heating (nominal)	8.3	13.2	13.2	15.7	15.7	21.0
	Cooling (nominal)	7.4	11.8	11.8	14.0	14.0	18.7
AIRFLOW MAX (l/s)		364	575	575	720	720	720
SOUND PRESSURE LEVEL AT 3m (dBA)	Lo-Mi-Hi	50-55-58	49-54-58	49-54-58	50-55-58	50-55-58	50-55-58
WEIGHT (kg)		46	67	67	84	84	93
DIMENSIONS (mm)	Width x Depth x Height	1300 x 468 x 306	1825 x 468 x 306	1825 x 468 x 306	2350 x 468 x 306	2350 x 468 x 306	2350 x 468 x 306
ELECTRICAL SUPPLY*1		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
PHASE*1		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)*1		0.8	1.2	1.2	1.4	1.4	1.4
MAINS CABLE No. Cores*1		3	3	3	3	3	3
UNIFORMITY AT OUTLET (%)*2		90	92	92	90	90	90
MAX MOUNTING HEIGHT (m)		3.3	3.3	3.3	3.3	3.3	3.3
PRICE		£2,113	£2,728	£2,728	£3,157	£3,157	£3,157
HEAT PUMP OUTDOOR UNITS		PUHZ-ZRP71VHA2	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3 ^③ Three Phase	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3 ^③ Three Phase	PUHZ-ZRP200YKA2 ^③ Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	48 / 47	52 / 50	52 / 50	52 / 50	52 / 50	62 / 59
SOUND POWER LEVEL (dBA)	Cooling	67	70	70	70	70	-
WEIGHT (kg)		67	116	125	118	131	135
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 x 30 x 943	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338	1050 x 330 x 40 x 1338
ELECTRICAL SUPPLY		220-240V, 50Hz	220-240V, 50Hz	380-415V, 50Hz	220-240V, 50Hz	380-415V, 50Hz	380-415V, 50Hz
PHASE		Single	Single	Three	Single	Three	Three
STARTING CURRENT (A)		5	5	5	5	5	5
FUSE RATING (BS88) - HRC (A)		25	32	16	40	16	20
INTERCONNECTING CABLE		2 Core	2 Core	2 Core	2 Core	2 Core	2 Core
MAX PIPE LENGTH (m)		50	75	75	75	75	100
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg) - 30m		3.5	5.0	5.0	5.0	5.0	5.0
OUTDOOR PRICE		£1,229	£1,624	£1,750	£1,951	£2,110	£3,075

③ Three Phase Notes: *1 For indoor units with electric heaters enabled, 380-415V 3ph power supply (7.3A HP1000, 12.1A HP1500, 14.4A HP2000). *2 Tested to ISO 27327.

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

 **thermoscreens.**



1.3.29

Air Conditioning

Mr.SLM.

PAC-IF013B-E

Air Handling Unit Controller

PAC-IF013B-E		SIZE 35	SIZE 50	SIZE 60	SIZE 71	SIZE 100	SIZE 125	SIZE 140	SIZE 200	SIZE 250
CAPACITY (kW)	Heating (nominal)	4.1	6.0	7.0	8.0	11.2	14.0	16.0	22.4	27.0
	Cooling (nominal)	3.6	5.0	6.1	7.1	9.5	12.5	13.4	19.0	22.0
COMPATIBLE O.U.	PUHZ-ZRP	PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100KA3YKA3	PUHZ-ZRP125KA3YKA3	PUHZ-ZRP140KA3YKA3	PUHZ-ZRP200YKA2	PUHZ-ZRP250YKA2
	PUHZ-P	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PUHZ-P200YKA2	PUHZ-P250YKA2
	PUHZ-SHW	N/A	N/A	N/A	PUHZ-SHW80VHA	PUHZ-SHW112HA/YHA	PUHZ-SHW140YHA	N/A	PUHZ-SHW230YKA2	N/A
PIPE SIZE mm (in)	PUHZ-ZRP/P	Gas	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	28.58 (1 1/8")	28.58 (1 1/8")
		Liquid	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
	PUHZ-SHW	Gas	-	-	-	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	28.58 (1 1/8")	-
		Liquid	-	-	-	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	-
HEAT EXCHANGER (cm³)	Max Volume	>30m	1050	1500	1800	2130	3000	3750	4200	6000
		20m	1350	1800	2700	3030	3900	4650	5100	7800
		10m	1650	2100	3600	3930	4800	5550	6000	9600
	Min Volume		350	500	600	710	1000	1250	1400	2000
										2500
DIMENSIONS (mm)	Width x Depth x Height	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278	336 x 69 x 278
WEIGHT (No Accessories) (kg)		2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg	2.5 kg
PRICE		£459	£459	£459	£459	£459	£459	£459	£459	£459

Notes: One air handling unit controller is required per air handling unit.

Cooling: Indoor 27°C DB/19°C WB, Outdoor 35°C DB/24°C WB.

Heating: Indoor 20°C DB, Outdoor 7°C DB/6°C WB.



Mr Slim

Twin, Triple, Quad Combinations (Prices include pipe kits, grilles if required and one remote controller per combination.)

TWIN SYSTEMS (Including pipe kit)	DESCRIPTION	PRICE
(2) PLA-ZP35EA / (1) PUHZ-ZRP71VHA2	Power Inverter Cassette, Twin System, Single Phase	£2,337
(2) PLA-ZP50EA / (1) PUHZ-ZRP100VKA3	Power Inverter Cassette, Twin System, Single Phase	£2,716
(2) PLA-ZP60EA / (1) PUHZ-ZRP125VKA3	Power Inverter Cassette, Twin System, Single Phase	£2,964
(2) PLA-ZP71EA / (1) PUHZ-ZRP140VKA3	Power Inverter Cassette, Twin System, Single Phase	£3,491
(2) PLA-ZP50EA / (1) PUHZ-ZRP100YKA3	Power Inverter Cassette, Twin System, Three Phase	£2,835
(2) PLA-ZP60EA / (1) PUHZ-ZRP125YKA3	Power Inverter Cassette, Twin System, Three Phase	£3,090
(2) PLA-ZP71EA / (1) PUHZ-ZRP140YKA3	Power Inverter Cassette, Twin System, Three Phase	£3,650
(2) PLA-ZP100EA / (1) PUHZ-ZRP200YKA2	Power Inverter Cassette, Twin System, Three Phase	£4,814
(2) PLA-ZP125EA / (1) PUHZ-ZRP250YKA2	Power Inverter Cassette, Twin System, Three Phase	£5,070
(2) SLZ-KF35VA2 / (1) PUHZ-ZRP71VHA2	Power Inverter Cassette, Twin System, Single Phase	£2,277
(2) SLZ-KF50VA2 / (1) PUHZ-ZRP100VKA3	Power Inverter Cassette, Twin System, Single Phase	£2,716
(2) SLZ-KF60VA2 / (1) PUHZ-ZRP125VKA3	Power Inverter Cassette, Twin System, Single Phase	£2,940
(2) SLZ-KF50VA2 / (1) PUHZ-ZRP100YKA3	Power Inverter Cassette, Twin System, Three Phase	£2,835
(2) SLZ-KF60VA2 / (1) PUHZ-ZRP125YKA3	Power Inverter Cassette, Twin System, Three Phase	£3,066
(2) PLA-RP50EA / (1) PUHZ-P100VHA5	Standard Inverter Cassette, Twin System, Single Phase	£2,358
(2) PLA-RP60EA / (1) PUHZ-P125VHA4	Standard Inverter Cassette, Twin System, Single Phase	£2,563
(2) PLA-RP71EA / (1) PUHZ-P140VHA4	Standard Inverter Cassette, Twin System, Single Phase	£2,993
(2) PLA-RP50EA / (1) PUHZ-P100YHA3	Standard Inverter Cassette, Twin System, Three Phase	£2,431
(2) PLA-RP60EA / (1) PUHZ-P125YHA2	Standard Inverter Cassette, Twin System, Three Phase	£2,666
(2) PLA-RP71EA / (1) PUHZ-P140YHA2	Standard Inverter Cassette, Twin System, Three Phase	£3,085
(2) PLA-RP100EA / (1) PUHZ-P200YKA2	Standard Inverter Cassette, Twin System, Three Phase	£4,050
(2) PLA-RP125EA / (1) PUHZ-P250YKA2	Standard Inverter Cassette, Twin System, Three Phase	£4,332
(2) PLA-ZP50EA / (1) PUHZ-SHW112VHA	Zubadan Inverter Cassette, Twin System, Single Phase	£3,790
(2) PLA-ZP50EA / (1) PUHZ-SHW112YHA	Zubadan Inverter Cassette, Twin System, Three Phase	£3,967
(2) PLA-ZP60EA / (1) PUHZ-SHW140YHA	Zubadan Inverter Cassette, Twin System, Three Phase	£4,495

Mr Slim

Twin, Triple, Quad Combinations (Prices include pipe kits, grilles if required and one remote controller per combination.)

TWIN SYSTEMS (Including pipe kit)	DESCRIPTION	PRICE
(2) PKA-RP35HAL / (1) PUHZ-ZRP71VHA2	Power Inverter Wall Mounted, Twin System, Single Phase	£2,292
(2) PKA-RP50HAL / (1) PUHZ-ZRP100VKA3	Power Inverter Wall Mounted, Twin System, Single Phase	£2,665
(2) PKA-RP60KAL / (1) PUHZ-ZRP125VKA3	Power Inverter Wall Mounted, Twin System, Single Phase	£2,871
(2) PKA-RP71KAL / (1) PUHZ-ZRP140VKA3	Power Inverter Wall Mounted, Twin System, Single Phase	£3,282
(2) PKA-RP50HAL / (1) PUHZ-ZRP100YKA3	Power Inverter Wall Mounted, Twin System, Three Phase	£2,784
(2) PKA-RP60KAL / (1) PUHZ-ZRP125YKA3	Power Inverter Wall Mounted, Twin System, Three Phase	£2,997
(2) PKA-RP71KAL / (1) PUHZ-ZRP140YKA3	Power Inverter Wall Mounted, Twin System, Three Phase	£3,441
(2) PKA-RP100KAL / (1) PUHZ-ZRP200YKA2	Power Inverter Wall Mounted, Twin System, Three Phase	£4,603
(2) PKA-RP50HAL / (1) PUHZ-P100VHA5	Standard Inverter Wall Mounted, Twin System, Single Phase	£2,325
(2) PKA-RP60KAL / (1) PUHZ-P125VHA4	Standard Inverter Wall Mounted, Twin System, Single Phase	£2,490
(2) PKA-RP71KAL / (1) PUHZ-P140VHA4	Standard Inverter Wall Mounted, Twin System, Single Phase	£2,840
(2) PKA-RP50HAL / (1) PUHZ-P100YHA3	Standard Inverter Wall Mounted, Twin System, Three Phase	£2,398
(2) PKA-RP60KAL / (1) PUHZ-P125YHA2	Standard Inverter Wall Mounted, Twin System, Three Phase	£2,593
(2) PKA-RP71KAL / (1) PUHZ-P140YHA2	Standard Inverter Wall Mounted, Twin System, Three Phase	£2,932
(2) PKA-RP100KAL / (1) PUHZ-P200YKA2	Standard Inverter Wall Mounted, Twin System, Three Phase	£3,935
(2) PKA-RP50HAL / (1) PUHZ-SHW112VHA	Zubadan Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£3,739
(2) PKA-RP50HAL / (1) PUHZ-SHW112YHA	Zubadan Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£3,916
(2) PEAD-RP35JAQ / (1) PUHZ-ZRP71VHA2	Power Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£2,259
(2) PEAD-RP50JAQ / (1) PUHZ-ZRP100VKA3	Power Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£2,640
(2) PEAD-RP60JAQ / (1) PUHZ-ZRP125VKA3	Power Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£2,878
(2) PEAD-RP71JAQ / (1) PUHZ-ZRP140VKA3	Power Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£3,351
(2) PEAD-RP50JAQ / (1) PUHZ-ZRP100YKA3	Power Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£2,759
(2) PEAD-RP60JAQ / (1) PUHZ-ZRP125YKA3	Power Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£3,004
(2) PEAD-RP71JAQ / (1) PUHZ-ZRP140YKA3	Power Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£3,510
(2) PEAD-RP100JAQ / (1) PUHZ-ZRP200YKA2	Power Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£4,678
(2) PEAD-RP125JAQ / (1) PUHZ-ZRP250YKA2	Power Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£4,924

Mr Slim

Twin, Triple, Quad Combinations (Prices include pipe kits, grilles if required and one remote controller per combination.)

TWIN SYSTEMS (Including pipe kit)	DESCRIPTION	PRICE
(2) PEAD-RP50JAQ / (1) PUHZ-P100VHA5	Standard Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£2,300
(2) PEAD-RP60JAQ / (1) PUHZ-P125VHA4	Standard Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£2,497
(2) PEAD-RP71JAQ / (1) PUHZ-P140VHA4	Standard Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£2,909
(2) PEAD-RP50JAQ / (1) PUHZ-P100YHA3	Standard Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£2,373
(2) PEAD-RP60JAQ / (1) PUHZ-P125YHA2	Standard Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£2,600
(2) PEAD-RP71JAQ / (1) PUHZ-P140YHA2	Standard Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£3,001
(2) PEAD-RP100JAQ / (1) PUHZ-P200YKA2	Standard Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£4,010
(2) PEAD-RP125JAQ / (1) PUHZ-P250YKA2	Standard Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£4,292
(2) PEAD-RP50JAQ / (1) PUHZ-SHW112VHA	Zubadan Inverter Ceiling Concealed Ducted, Twin System, Single Phase	£3,714
(2) PEAD-RP50JAQ / (1) PUHZ-SHW112YHA	Zubadan Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£3,891
(2) PEAD-RP60JAQ / (1) PUHZ-SHW140YHA	Zubadan Inverter Ceiling Concealed Ducted, Twin System, Three Phase	£4,409
(2) PCA-RP50KAQ / (1) PUHZ-ZRP100VKA3	Power Inverter Ceiling Suspended, Twin System, Single Phase	£2,862
(2) PCA-RP60KAQ / (1) PUHZ-ZRP125VKA3	Power Inverter Ceiling Suspended, Twin System, Single Phase	£3,092
(2) PCA-RP71KAQ / (1) PUHZ-ZRP140VKA3	Power Inverter Ceiling Suspended, Twin System, Single Phase	£3,519
(2) PCA-RP50KAQ / (1) PUHZ-ZRP100YKA3	Power Inverter Ceiling Suspended, Twin System, Three Phase	£2,981
(2) PCA-RP60KAQ / (1) PUHZ-ZRP125YKA3	Power Inverter Ceiling Suspended, Twin System, Three Phase	£3,218
(2) PCA-RP71KAQ / (1) PUHZ-ZRP140YKA3	Power Inverter Ceiling Suspended, Twin System, Three Phase	£3,678
(2) PCA-RP100KAQ / (1) PUHZ-ZRP200YKA2	Power Inverter Ceiling Suspended, Twin System, Three Phase	£4,882
(2) PCA-RP125KAQ / (1) PUHZ-ZRP250YKA2	Power Inverter Ceiling Suspended, Twin System, Three Phase	£5,128
(2) PCA-RP50KAQ / (1) PUHZ-P100VHA5	Standard Inverter Ceiling Suspended, Twin System, Single Phase	£2,522
(2) PCA-RP60KAQ / (1) PUHZ-P125VHA4	Standard Inverter Ceiling Suspended, Twin System, Single Phase	£2,711
(2) PCA-RP71KAQ / (1) PUHZ-P140VHA4	Standard Inverter Ceiling Suspended, Twin System, Single Phase	£3,077
(2) PCA-RP50KAQ / (1) PUHZ-P100YHA3	Standard Inverter Ceiling Suspended, Twin System, Three Phase	£2,595
(2) PCA-RP60KAQ / (1) PUHZ-P125YHA2	Standard Inverter Ceiling Suspended, Twin System, Three Phase	£2,814
(2) PCA-RP71KAQ / (1) PUHZ-P140YHA2	Standard Inverter Ceiling Suspended, Twin System, Three Phase	£3,169
(2) PCA-RP100KAQ / (1) PUHZ-P200YKA2	Standard Inverter Ceiling Suspended, Twin System, Three Phase	£4,214
(2) PCA-RP125KAQ / (1) PUHZ-P250YKA2	Standard Inverter Ceiling Suspended, Twin System, Three Phase	£4,496

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Twin, Triple, Quad Combinations (Prices include pipe kits, grilles if required and one remote controller per combination.)

TWIN SYSTEMS (Including pipe kit)	DESCRIPTION	PRICE
(2) PCA-RP71HAQ / (1) PUHZ-ZRP140VKA3	Power Inverter Stainless Steel Ceiling Suspended, Twin System, Single Phase	£4,397
(2) PCA-RP71HAQ / (1) PUHZ-ZRP140YKA3	Power Inverter Stainless Steel Ceiling Suspended, Twin System, Three Phase	£4,556
(2) PSA-RP71GA / (1) PUHZ-ZRP140VKA3	Power Inverter Floor Mounted, Twin System, Single Phase	£3,777
(2) PSA-RP71GA / (1) PUHZ-ZRP140YKA3	Power Inverter Floor Mounted, Twin System, Three Phase	£3,936
(2) PSA-RP100GA / (1) PUHZ-ZRP200YKA2	Power Inverter Floor Mounted, Twin System, Three Phase	£5,192
(2) PSA-RP125GA / (1) PUHZ-ZRP250YKA2	Power Inverter Floor Mounted, Twin System, Three Phase	£5,502
(2) PSA-RP71GA / (1) PUHZ-P140VHA4	Standard Inverter Floor Mounted, Twin System, Single Phase	£3,335
(2) PSA-RP71GA / (1) PUHZ-P140YHA2	Standard Inverter Floor Mounted, Twin System, Three Phase	£3,427
(2) PSA-RP100GA / (1) PUHZ-P200YKA2	Standard Inverter Floor Mounted, Twin System, Three Phase	£4,524
(2) PSA-RP125GA / (1) PUHZ-P250YKA2	Standard Inverter Floor Mounted, Twin System, Three Phase	£4,870
TRIPLE SYSTEMS (Including pipe kit)	DESCRIPTION	PRICE
(3) PLA-ZP50EA / (1) PUHZ-ZRP140VKA3	Power Inverter Cassette, Triple System, Single Phase	£3,878
(3) PLA-ZP50EA / (1) PUHZ-ZRP140YKA3	Power Inverter Cassette, Triple System, Three Phase	£4,037
(3) PLA-ZP60EA / (1) PUHZ-ZRP200YKA2	Power Inverter Cassette, Triple System, Three Phase	£5,125
(3) PLA-ZP71EA / (1) PUHZ-ZRP250YKA2	Power Inverter Cassette, Triple System, Three Phase	£5,625
(3) SLZ-KF35VA2 / (1) PUHZ-ZRP100VKA3	Power Inverter Cassette, Triple System, Single Phase	£3,070
(3) SLZ-KF50VA2 / (1) PUHZ-ZRP125VKA3	Power Inverter Cassette, Triple System, Single Phase	£3,551
(3) SLZ-KF50VA2 / (1) PUHZ-ZRP140VKA3	Power Inverter Cassette, Triple System, Single Phase	£3,878
(3) SLZ-KF35VA2 / (1) PUHZ-ZRP100YKA3	Power Inverter Cassette, Triple System, Three Phase	£3,189
(3) SLZ-KF50VA2 / (1) PUHZ-ZRP125YKA3	Power Inverter Cassette, Triple System, Three Phase	£3,677
(3) SLZ-KF50VA2 / (1) PUHZ-ZRP140YKA3	Power Inverter Cassette, Triple System, Three Phase	£4,037
(3) PLA-RP50EA / (1) PUHZ-P140VHA4	Standard Inverter Cassette, Triple System, Single Phase	£3,409
(3) PLA-RP50EA / (1) PUHZ-P140YHA2	Standard Inverter Cassette, Triple System, Three Phase	£3,501
(3) PLA-RP60EA / (1) PUHZ-P200YKA2	Standard Inverter Cassette, Triple System, Three Phase	£4,427
(3) PLA-RP71EA / (1) PUHZ-P250YKA2	Standard Inverter Cassette, Triple System, Three Phase	£4,909

Mr Slim

Twin, Triple, Quad Combinations (Prices include pipe kits, grilles if required and one remote controller per combination.)

TRIPLE SYSTEMS (Including pipe kit)	DESCRIPTION	PRICE
(3) PKA-RP50HAL / (1) PUHZ-ZRP140VKA3	Power Inverter Wall Mounted, Triple System, Single Phase	£3,839
(3) PKA-RP50HAL / (1) PUHZ-ZRP140YKA3	Power Inverter Wall Mounted, Triple System, Three Phase	£3,998
(3) PKA-RP60KAL / (1) PUHZ-ZRP200YKA2	Power Inverter Wall Mounted, Triple System, Three Phase	£5,023
(3) PKA-RP71KAL / (1) PUHZ-ZRP250YKA2	Power Inverter Wall Mounted, Triple System, Three Phase	£5,349
(3) PKA-RP50HAL / (1) PUHZ-P140VHA4	Standard Inverter Wall Mounted, Triple System, Single Phase	£3,397
(3) PKA-RP50HAL / (1) PUHZ-P140YHA2	Standard Inverter Wall Mounted, Triple System, Three Phase	£3,489
(3) PKA-RP60KAL / (1) PUHZ-P200YKA2	Standard Inverter Wall Mounted, Triple System, Three Phase	£4,355
(3) PKA-RP71KAL / (1) PUHZ-P250YKA2	Standard Inverter Wall Mounted, Triple System, Three Phase	£4,717
(3) PEAD-RP50JQA / (1) PUHZ-ZRP140VKA3	Power Ceiling Concealed Ducted, Triple System, Single Phase	£3,764
(3) PEAD-RP50JQA / (1) PUHZ-ZRP140YKA3	Power Ceiling Concealed Ducted, Triple System, Three Phase	£3,923
(3) PEAD-RP60JQA / (1) PUHZ-ZRP200YKA2	Power Ceiling Concealed Ducted, Triple System, Three Phase	£4,996
(3) PEAD-RP71JQA / (1) PUHZ-ZRP250YKA2	Power Ceiling Concealed Ducted, Triple System, Three Phase	£5,415
(3) PEAD-RP50JQA / (1) PUHZ-P140VHA4	Standard Ceiling Concealed Ducted, Triple System, Single Phase	£3,322
(3) PEAD-RP50JQA / (1) PUHZ-P140YHA2	Standard Ceiling Concealed Ducted, Triple System, Three Phase	£3,414
(3) PEAD-RP60JQA / (1) PUHZ-P200YKA2	Standard Ceiling Concealed Ducted, Triple System, Three Phase	£4,328
(3) PEAD-RP71JQA / (1) PUHZ-P250YKA2	Standard Ceiling Concealed Ducted, Triple System, Three Phase	£4,783
(3) PCA-RP50KAQ / (1) PUHZ-ZRP140VKA3	Power Inverter Ceiling Suspended, Triple System, Single Phase	£4,097
(3) PCA-RP50KAQ / (1) PUHZ-ZRP140YKA3	Power Inverter Ceiling Suspended, Triple System, Three Phase	£4,256
(3) PCA-RP60KAQ / (1) PUHZ-ZRP200YKA2	Power Inverter Ceiling Suspended, Triple System, Three Phase	£5,317
(3) PCA-RP71KAQ / (1) PUHZ-ZRP250YKA2	Power Inverter Ceiling Suspended, Triple System, Three Phase	£5,667
(3) PCA-RP50KAQ / (1) PUHZ-P140VHA4	Standard Inverter Ceiling Suspended, Triple System, Single Phase	£3,655
(3) PCA-RP50KAQ / (1) PUHZ-P140YHA2	Standard Inverter Ceiling Suspended, Triple System, Three Phase	£3,747
(3) PCA-RP60KAQ / (1) PUHZ-P200YKA2	Standard Inverter Ceiling Suspended, Triple System, Three Phase	£4,649
(3) PCA-RP71KAQ / (1) PUHZ-P250YKA2	Standard Inverter Ceiling Suspended, Triple System, Three Phase	£5,035

Mr Slim

Twin, Triple, Quad Combinations (Prices include pipe kits, grilles if required and one remote controller per combination.)

TRIPLE SYSTEMS (Including pipe kit)	DESCRIPTION	PRICE
(3) PCA-RP71HAQ / (1) PUHZ-ZRP250YKA2	Power Inverter Stainless Steel Ceiling Suspended, Triple System, Three Phase	£6,984
(3) PCA-RP71HAQ / (1) PUHZ-P250YKA2	Standard Inverter Stainless Steel Ceiling Suspended, Triple System, Three Phase	£6,352
(3) PSA-RP71GA / (1) PUHZ-ZRP250YKA2	Power Inverter Floor Mounted, Triple System, Three Phase	£5,979
(3) PSA-RP71GA / (1) PUHZ-P250YKA2	Standard Inverter Floor Mounted, Triple System, Three Phase	£5,347
QUAD SYSTEMS (Including pipe kit)	DESCRIPTION	PRICE
(4) PLA-ZP50EA / (1) PUHZ-ZRP200YKA2	Power Inverter Cassette, Quadruple System, Three phase	£5,706
(4) PLA-ZP60EA / (1) PUHZ-ZRP250YKA2	Power Inverter Cassette, Quadruple System, Three phase	£6,070
(4) SLZ-KF35VA2 / (1) PUHZ-ZRP125VKA3	Power Inverter Cassette, Quadruple System, Single phase	£3,835
(4) SLZ-KF35VA2 / (1) PUHZ-ZRP140VKA3	Power Inverter Cassette, Quadruple System, Single phase	£4,162
(4) SLZ-KF35VA2 / (1) PUHZ-ZRP125YKA3	Power Inverter Cassette, Quadruple System, Three phase	£3,961
(4) SLZ-KF35VA2 / (1) PUHZ-ZRP140YKA3	Power Inverter Cassette, Quadruple System, Three phase	£4,321
(4) PLA-RP50EA / (1) PUHZ-P200YKA2	Standard Inverter Cassette, Quadruple System, Three phase	£5,002
(4) PLA-RP60EA / (1) PUHZ-P250YKA2	Standard Inverter Cassette, Quadruple System, Three phase	£5,398
(4) PKA-RP50HAL / (1) PUHZ-ZRP200YKA2	Power Inverter Wall Mounted, Quadruple System, Three Phase	£5,679
(4) PKA-RP60KAL / (1) PUHZ-ZRP250YKA2	Power Inverter Wall Mounted, Quadruple System, Three Phase	£5,959
(4) PKA-RP50HAL / (1) PUHZ-P200YKA2	Standard Inverter Wall Mounted, Quadruple System, Three Phase	£5,011
(4) PKA-RP60KAL / (1) PUHZ-P250YKA2	Standard Inverter Wall Mounted, Quadruple System, Three Phase	£5,327
(4) PEAD-RP50JAQ / (1) PUHZ-ZRP200YKA2	Power Inverter Ceiling Concealed Ducted, Quadruple System, Three Phase	£5,554
(4) PEAD-RP60JAQ / (1) PUHZ-ZRP250YKA2	Power Inverter Ceiling Concealed Ducted, Quadruple System, Three Phase	£5,898
(4) PEAD-RP50JAQ / (1) PUHZ-P200YKA2	Standard Inverter Ceiling Concealed Ducted, Quadruple System, Three Phase	£4,886
(4) PEAD-RP60JAQ / (1) PUHZ-P250YKA2	Standard Inverter Ceiling Concealed Ducted, Quadruple System, Three Phase	£5,266
(4) PCA-RP50KAQ / (1) PUHZ-ZRP200YKA2	Power Inverter Ceiling Suspended, Quadruple System, Three Phase	£5,998
(4) PCA-RP60KAQ / (1) PUHZ-ZRP250YKA2	Power Inverter Ceiling Suspended, Quadruple System, Three Phase	£6,326
(4) PCA-RP50KAQ / (1) PUHZ-P200YKA2	Standard Inverter Ceiling Suspended, Quadruple System, Three Phase	£5,330
(4) PCA-RP60KAQ / (1) PUHZ-P250YKA2	Standard Inverter Ceiling Suspended, Quadruple System, Three Phase	£5,694

Mr Slim Accessories / Optional Extras

PIPE KITS	DESCRIPTION	PRICE
MSDD-50TR	Multi distribution pipe twin units - 50:50 - sizes 71/100/125/140	£65
MSDD-50WR	Multi distribution pipe twin units - 50:50 - sizes 200/250	£92
MSDT-111R	Multi distribution pipe triple units - 33:33:33 - sizes 140/200/250	£175
MSDF-1111R	Multi distribution pipe quadruple units - 25:25:25:25 - sizes 200/250	£320

Indoor Units

WALL MOUNTED UNITS	DESCRIPTION	PRICE
S70 515 716	Terminal block	£2
S71 000 028	CN22 connector	£1

4-WAY BLOW CASSETTE UNITS	DESCRIPTION	PRICE
SLP-2FA	Grille for SLZ-KF25-60VA2	£81
SLP-2FAE	3D i-see sensor grille for SLZ-KF25-60VA2	£107
PLP-6EA	Grille for PLA-ZP/RP35-140EA	£152
PLP-6EAE	3D i-see sensor grille for PLA-ZP/RP35-140EA	£193
PLP-6EAJ (coming March 2017)	Self elevating grille for PLA-ZP/RP35-140EA	£304
PAC-SE1ME-E	Corner panel with i-see sensor for PLA-ZP/RP35-140EA	£60
PAR-SE9FA-E	Corner panel with signal receiver for PLA-ZP/RP35-140EA	£60
PAC-SJ37SP-E	Shutter plate for PLA-ZP/RP35-140EA	£12
PAC-SJ41TME	Multi-function casement for PLA-ZP/RP35-140EA	£216
PAC-SJ39HR-E	Power supply kit for PLA-ZP/RP35-140EA	£22
PLP-6BA	Grille for PLA-SP	£152
PLP-6BALM	Grille and infrared controller for PLA-SP	£261
PLP-6BAJ	Grille with filter lowering function for PLA-SP	£304
PAC-SH53TM	Multi function casement PLA-SP for fresh air 100mm knockout or to hold the high efficiency filter option	£216
PAC-SA1ME	Corner panel 'i-see sensor' for PLA-SP	£47
PAR-SA9FA	Infrared signal receiver for PLA-SP	£47
PAR-SL97A	Infrared controller for PLA-SP	£85
PAC-SH515P	Shutter Plate for PLA-SP	£12

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

Mr Slim Accessories / Optional Extras

Indoor Units

CEILING SUSPENDED UNITS	DESCRIPTION	PRICE
PAR-SL94B	Wireless remote controller and adaptor	£92
PAC-SH83DM	Optional drain lift pump for PCA-RP50KAQ	£96
PAC-SH84DM	Optional drain lift pump for PCA-RP71-140KAQ	£95
PAC-SH85DM	Optional drain lift pump for PCA-RP60KAQ	£96
PAC-SG38KF	Oil mist filter for PCA-RP71HAQ (12 pack)	£38
PAC-SF81KC	Decoration covers (front cover & suspending bracket) for PCA-RP71HAQ	£78

Outdoor Units / System Control Units / Power Supply Terminal Kits

OUTDOOR UNITS	DESCRIPTION	PRICE
PAC-SJ08DS	Drain socket set for PUHZ-ZRP35-50	£17
PAC-SG61DS	Drain socket set for PUHZ-ZRP60-250 / PUHZ-(S)P100-140 / PUHZ-P200-250 / PUHZ-SHW112-140	£12
PAC-SJ07SG	Air outlet guide for PUHZ-ZRP35-50	£80
PAC-SG59SG	Air outlet guide for PUHZ-ZRP60-71 / PUHZ-(S)P100-140 / PUHZ-SHW112-140	£43
PAC-SH96SG	Air outlet guide for PUHZ-ZRP100-250 / PUHZ-P200-250	£46
PAC-SJ06SG	Air protect guide (allows cooling at -15°C) for PUHZ-ZRP35-50	£120
PAC-SH63AG	Air protect guide (allows cooling at -15°C) for PUHZ-ZRP60-71 / PUHZ-P100-140 / PUHZ-SHW112-140	£138
PAC-SH95AG	Air protect guide (allows cooling at -15°C) for PUHZ-ZRP100-250 / PUHZ-P200-250	£138
MAC-889SG	Air outlet guide for SUZ-KA35VA6	£108
MAC-886SG	Air outlet guide for SUZ-KA50-71VA6	£190
PAC-SJ71FM-E	30Pa outdoor fan motor for PUHZ-ZRP100-140VKA3	£160

SYSTEM CONTROL UNITS	DESCRIPTION	PRICE
PAC-SA89TA	Remote on/off adaptor	£6
PAC-SA88HA	Run/fault adapter	£10
PAC-SF40RM	Run/fault interface	£99
MAC-333IF	Interface for group control, run fault and connection to M-NET System for SEZ-KD25-71VAQ	£121
MAC-397IF	Interface for group control and run/fault SEZ-KD25-71VAQ	£54
PAC-SE41TS	Remote sensor	£23

Mr Slim Accessories / Optional Extras

Outdoor Units / System Control Units / Power Supply Terminal Kits

SYSTEM CONTROL UNITS	DESCRIPTION	PRICE
MAC-557IF	MELCloud WiFi interface	£72
PAC-SJ19MA	A/M-NET adaptor for PUHZ-ZRP35-50	£119
PAC-SF83MA	A/M-NET adaptor for PUHZ-ZRP60-250 / PUHZ-P100-250 / PUHZ-SHW	£119
PAC-YT52CRA	Simplified remote controller	£111
PAR-32MAA	Remote controller	£75
MELCOBEMS MINI	Modbus / BACnet Interface	£101
IO INTERFACE	Input/output interface	£173

POWER SUPPLY TERMINAL KITS	DESCRIPTION	PRICE
PAC-SJ39HR	Power supply terminal kit for PLA-RP and PLA-ZP	£22
PAC-SG94HR	Power supply terminal kit for PKA-RP	£25
PAC-SG96HR	Power supply terminal kit for PCA-RP / PSA-RP	£25
PAC-SG97HR	Power supply terminal kit for PEAD-RP / PCA-RP-HAQ	£25

The Renewable Solutions Provider
Making a World of Difference

Multi-Splits

Split-System
Air Conditioning



Air Conditioning | Heating
Ventilation | Controls





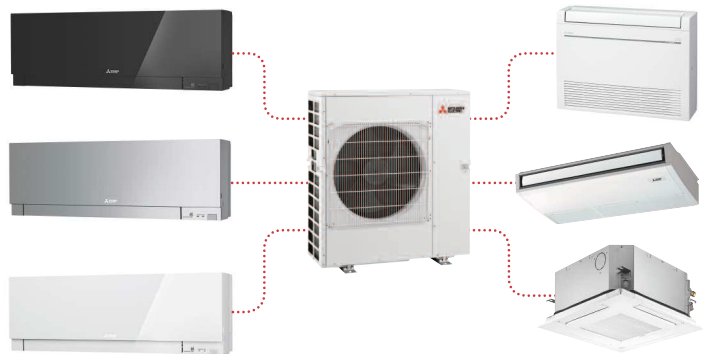
The Flexible & Efficient

Multi-Split Range

Ideal for shops and small commercial buildings that require air conditioning in more than one room, the Mitsubishi Electric Multi-Split systems combine flexibility and performance while lowering CO₂ emissions and running costs.

Using R410A refrigerant and flexible enough to suit a number of applications, the range includes models that will run up to six indoor units per single outdoor unit, between 5.3 and 12.2kW. With vastly reduced power consumption, inverter technology and with increased pipe length and advanced controls, the Multi-Split range is extremely efficient and versatile, helping to make system application easier. A variety of indoor units can be connected to a single outdoor unit, these include cassettes, ducted, wall, floor or ceiling mounted. The range is one of the most efficient in the industry with energy efficiency class up to A++.

► Example of a 6-way
Multi-Split System



Operational Range

Operation range	MXZ
Cooling	-10°C to +46°C
Heating	-15°C to +24°C

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB; outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating; indoor 20°C DB; outdoor 7°C DB, 6°C WB.
UK Conditions: Summer; indoor 21°C DB, 15°C WB; outdoor 27°C DB.
UK Conditions: Winter; indoor 21°C DB; outdoor 0°C DB, -1°C WB.

The Flexible & Efficient

Multi-Split Range

Contents

MXZ-D/E Multi-Split Inverter Heat Pump

1.4.4

Multi-Split Accessories / Optional Extras

1.4.5



MXZ-D/E Inverter Heat Pump (5.3-12.2kW)

Multi-Split Units

MULTI-SPLIT - INDOOR UNITS		WALL MOUNTED		FLOOR MOUNTED	DUCTED	CEILING CASSETTE	CEILING DUCTED
MXZ-2D53VA2		MSZ-SF20VE / MSZ-SF/25/35VE3 MSZ-FH25/35VE2 / MSZ-EF25/35/50VE3B/S/W		MFZ-KJ25/35VE2	SEZ-KD25/35VAQ ³	SLZ-KF25/35VA2	-
MXZ-3E54VA		MSZ-SF20VE / MSZ-SF/25/35/50VE3 MSZ-FH25/35VE2 / MSZ-EF25/35/50VE3B/S/W		MFZ-KJ25/35/50VE2	SEZ-KD25/35/50VAQ ³ PEAD-RP50JAQ ¹	SLZ-KF25/35/50VA2 PLA-RP50EA	PCA-RP50KAQ
MXZ-4E72VA		MSZ-SF20VE / MSZ-SF/25/35/50VE3 / MSZ-GF60VE2 MSZ-FH25/35VE2 / MSZ-EF25/35/50VE3B/S/W		MFZ-KJ25/35/50VE2	SEZ-KD25/35/50/60VAQ ³ PEAD-RP50JAQ ¹	SLZ-KF25/35/50VA2 PLA-RP50/60EA	PCA-RP50/60KAQ
MXZ-4E83VA		MSZ-SF20VE / MSZ-SF/25/35/50VE3 / MSZ-GF60/71VE2 MSZ-FH25/35VE2 / MSZ-EF25/35/50VE3B/S/W		MFZ-KJ25/35/50VE2	SEZ-KD25/35/50/60/71VAQ ³ PEAD-RP50/60/71JAQ ¹	SLZ-KF25/35/50VA2 PLA-RP50/60/71EA	PCA-RP50/60/71KAQ
MXZ-5E102VA		MSZ-SF20VE / MSZ-SF/25/35/50VE3 / MSZ-GF60/71VE2 MSZ-FH25/35VE2 / MSZ-EF25/35/50VE3B/S/W		MFZ-KJ25/35/50VE2	SEZ-KD25/35/50/60/71VAQ ³ PEAD-RP50/60/71JAQ ¹	SLZ-KF25/35/50VA2 PLA-RP50/60/71EA	PCA-RP50/60/71KAQ
MXZ-6D122VA		MSZ-SF20VE / MSZ-SF/25/35/50VE3 / MSZ-GF60/71VE2 MSZ-FH25/35VE2 / MSZ-EF25/35/50VE3B/S/W		MFZ-KJ25/35/50VE2	SEZ-KD25/35/50/60/71VAQ ³ PEAD-RP50/60/71JAQ ¹	SLZ-KF25/35/50VA2 PLA-RP50/60/71EA	PCA-RP50/60/71KAQ
MXZ-D/E - OUTDOOR UNITS		MXZ-2D53VA2	MXZ-3E54VA	MXZ-4E72VA	MXZ-4E83VA	MXZ-5E102VA	MXZ-6D122VA
NUMBER OF CONNECTABLE INDOOR UNITS		2	2 - 3	2 - 4	2 - 4	2 - 5	2 - 6
CAPACITY (kW)	Heating (nominal)	6.4 (1.0-7.0)	7.0 (2.6-9.0)	8.6 (3.4-10.7)	9.3 (3.4-11.6)	10.5 (4.1-14.0)	14.0 (3.5-16.5)
	Cooling (nominal)	5.3 (1.1-5.6)	5.4 (2.9-6.8)	7.1 (3.7-8.8)	8.3 (3.7-9.2)	10.2 (3.9-11.0)	12.2 (3.5-13.5)
	Heating (UK)	5.3 (0.83-5.81)	5.8 (2.16-7.47)	7.1 (2.82-8.89)	7.8 (2.82-9.63)	8.7 (3.40-11.63)	11.6 (2.90-13.71)
	Cooling (UK)	5.2 (1.09-5.55)	5.3 (2.87-6.74)	7.0 (3.67-8.72)	8.2 (3.67-9.12)	10.1 (3.86-10.90)	12.1 (3.47-13.39)
COP / EER (nominal) ²		3.76 / 3.44	4.40 / 4.00	3.77 / 3.20	4.65 / 3.40	4.49 / 3.24	4.23 / 3.33
SCOP / SEER (BSEN14825)		4.2 / 7.1	4.0 / 6.4	3.9 / 5.7	4.2 / 6.3	4.20 / 6.6	- / -
EP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A++	A+ / A++	A+ / A++	A+ / A++	N/A
	MAX AIRFLOW (m³/min)	33.3 / 32.9	43.0 / 42.1	43.0 / 42.1	64.9 / 55.7	67.6 / 55.7	77 / 63
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling - Sil-Hi	53 / 50	53 / 50	53 / 50	51 / 49	56 / 52	57 / 55
	Cooling	64	64	64	61	65	69
DIMENSIONS (mm)		Width x Depth x Height	800 x 285 x 550	840 x 330 x 710	840 x 330 x 710	950 x 330 x 796	950 x 330 x 1048
WEIGHT (kg)			37	57	62	63	88
ELECTRICAL SUPPLY			220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
POWER INPUT (kW)	Heating/Cooling (nominal)	1.70 / 1.54	1.59 / 1.35	2.28 / 2.25	2.44 / 2.83	2.34 / 3.15	3.31 / 3.66
	Heating/Cooling (UK)	1.54 / 1.23	1.44 / 1.08	2.07 / 1.80	2.20 / 2.26	2.15 / 2.99	3.04 / 3.44
STARTING CURRENT (A)		7.6	7.0	10.0	10.7	13.8	17.2
RUNNING CURRENT (A)		Heating/Cooling [MAX]	7.6 / 6.9 [12.2]	7.0 / 6.1 [18]	10.0 / 9.9 [18]	10.7 / 12.4 [20.4]	12.7 / 17.2 [21.4]
INTERCONNECTING CABLE No. CORES		4 Core	4 Core	4 Core	4 Core	4 Core	4 Core
TOTAL PIPE LENGTH (m)		30	50	60	70	80	80
MAX PIPE LENGTH PER INDOOR UNIT (m)		20	25	25	25	25	25
MAX HEIGHT DIFFERENCE (m)		15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)
CHARGE R410A (kg) [Precharged Length]		1.30 [20m]	2.70 [40m]	2.70 [40m]	2.99 [20m]	2.99 [20m]	4.0 [30m]
FUSE RATING (BS88) – HRC (A)		15	25	25	25	25	32
OUTDOOR PRICE		£856	£1,031	£1,527	£1,855	£2,076	£2,705



Notes:

*1 Combined max running current of all indoors on system must not exceed 3A if PEAD-RP is used.

*2 System COP / EER when connected to MSZ-EF x indoor unit connections.

*3 The SEZ-KD25VAQ cannot be used when the total indoor capacity is equal to the outdoor capacity i.e. when the capacity ratio is 1.

Multi-Split

Accessories / Optional Extras

OUTDOOR UNITS	DESCRIPTION	PRICE
MAC-889SG	Air outlet guides for MXZ-2D53VA2	£108
MAC-856SG	Air outlet guides for MXZ-3E54VA, MXZ-4E72VA, MXZ-4E83VA, MXZ-5E102VA	£116
MAC-857SG	Air outlet guides for MXZ-6D122VA	£116
SYSTEM CONTROL UNITS	DESCRIPTION	PRICE
PAR-32MAA	Remote controller	£75
MAC-333IF	Interface for group control, run fault and connection to M-NET System	£121
MAC-397IF	Interface for Contact Terminal and PAR-32MAA / PAC-YT52CRA Wired Remote Controller	£54
MAC-557IF	Interface for connection to WiFi MELCloud service	£72
PAC-YT52CRA	Simplified wired remote controller	£111
IO INTERFACE	Input/output interface	£173
MELCOBEMS MINI	Modbus/BACnet interface	£101

The Renewable Solutions Provider
Making a World of Difference

City Multi

Energy Efficient VRF Systems



Air Conditioning | Heating
Ventilation | Controls





The Energy Efficient City Multi

VRF Range



The City Multi range is Mitsubishi Electric's answer to large scale VRF (Variable Refrigerant Flow) applications. The technology of City Multi is second to none and offers excellent seasonal energy efficiency, low running costs and reduced CO₂ emissions.

Suitable for medium to large buildings that demand high performance with optimum efficiency, our City Multi VRF range can run numerous indoor units connected to one outdoor unit.

VRF Systems

Our **City Multi VRF Systems** offer both heat pump and heat recovery technology. Heat pump systems deliver cooling or heating to a space, whereas heat recovery systems can simultaneously provide cooling and heating at the same time via separate indoor units, moving energy around a building for maximum efficiency.

The City Multi Y Series heat pump system offers a simple and flexible solution where there is a demand for a changeover capability between heating and cooling for all indoor units, helping to ensure a constant and comfortable indoor climate. The City Multi R2 heat recovery system can provide simultaneous heating and cooling through only two pipes rather than the conventional three which are traditionally used on heat recovery systems, typically reducing installation time and material costs. Recovered energy can not only be moved around rooms within a building but can also be upgraded to heat water for sanitary use.

By transferring wasted heat in this way, substantial savings can be made on annual running costs and CO₂ emissions. With a range of over 80 indoor units of varying capacity including floor standing, ducted, ceiling cassettes, ceiling suspended and wall mounted types, up to 50 indoor units can be connected to one City Multi outdoor unit.



The Energy Efficient City Multi

VRF Range

Contents

Y Series (4.5-8hp)	1.5.4
Heat Pump, Outdoor Unit	
Y Series Standard (8-18hp)	1.5.5
Heat Pump, Outdoor Unit	
Y Series Standard (20-30hp)	1.5.6
Heat Pump, Outdoor Unit	
Y Series Standard (32-36hp)	1.5.7
Heat Pump, Outdoor Unit	
Y Series Standard (38-44hp)	1.5.8
Heat Pump, Outdoor Unit	
Y Series Standard (46-50hp)	1.5.9
Heat Pump, Outdoor Unit	
Y Series High COP (8-14hp)	1.5.10
Heat Pump, Outdoor Unit	

Y Series High COP (16-24hp)	
Heat Pump, Outdoor Unit	
Y Series High COP (26-30hp)	
Heat Pump, Outdoor Unit	
Y Series High COP (32-36hp)	
Heat Pump, Outdoor Unit	
Y Series Replace Multi (8-22hp)	
Heat Pump, Outdoor Unit	
Y Series Replace Multi (24-36hp)	
Heat Pump, Outdoor Unit	
R2 Series Standard (8-18hp)	
Heat Recovery, Outdoor Unit	
R2 Series Standard (20-28hp)	
Heat Recovery, Outdoor Unit	
R2 Series Standard (30-36hp)	
Heat Recovery, Outdoor Unit	
R2 Series High COP (8-20hp)	
Heat Recovery, Outdoor Unit	
R2 Series High COP (22-28hp)	
Heat Recovery, Outdoor Unit	
R2 Series High COP (30-36hp)	
Heat Recovery, Outdoor Unit	
R2 Series Replace Multi (8-12hp)	
Heat Recovery, Outdoor Unit	
WY Series (8-20hp)	
Heat Pump, Water Cooled Condensing Unit	
WY Series (22-36hp)	
Heat Pump, Water Cooled Condensing Unit	
WR2 Series (8-20hp)	
Heat Recovery, Water Cooled Condensing Unit	
WR2 Series (22-36hp)	
Heat Recovery, Water Cooled Condensing Unit	
PFD-P-VM-E	
Heat Pump, Close Control System	
PLFY-P-VE-M-E	
4-Way Blow Ceiling Cassette Indoor Unit	
PLFY-P-VFM-E	
600x600 4-Way Blow Ceiling Cassette Indoor Unit	
PEFY-P-VMS1-E	
Ultra Thin Ceiling Concealed Ducted Indoor Unit	

1.5.11	PEFY-P-VMA-E	1.5.31
	Ceiling Concealed Ducted Indoor Unit	
1.5.12	PEFY-P-VMH(S)-E	1.5.32
	High Static Pressure Ceiling Concealed Ducted Indoor Unit	
1.5.13	PCFY-P-VKM-E	1.5.33
	Ceiling Suspended Indoor Unit	
1.5.14	PKFY-P-VBM-E/VHM-E/VKM-E	1.5.34
	Wall Mounted Indoor Unit	
1.5.15	PFFY-P-VLRM-E	1.5.35
	Floor Standing Concealed Indoor Unit	
1.5.16	PFFY-P-VLRMM-E	1.5.36
	Floor Standing Concealed Indoor Unit	
1.5.17	PFFY-P-VLEM-E	1.5.37
	Floor Standing Exposed Indoor Unit	
1.5.18	PFFY-P-VKM-E	1.5.38
	Floor Standing Exposed Indoor Unit	
1.5.19	PLFY-WP-VBM-E (HVRF)	1.5.39
	4-Way Blow Ceiling Cassette Indoor Unit	
1.5.20	PEFY-WP-VMS1-E (HVRF)	1.5.40
	Ultra Thin Ceiling Concealed Ducted Indoor Unit	
1.5.21	PEFY-WP-VMA-E (HVRF)	1.5.41
	Ceiling Concealed Ducted Indoor Unit	
1.5.22	PFFY-WP-VLRMM-E (HVRF)	1.5.42
	Floor Standing Concealed Ducted Indoor Unit	
1.5.23	GUF-RD4	1.5.43
	Lossnay Outdoor Air Processing Unit	
1.5.24	PWIFY-PVM-E-BU	1.5.44
	VRF Sanitary Water Heater	
1.5.25	VRF HP DXE	1.5.45
	Heat Pump Air Curtain	
1.5.26	PAC-LV11M	1.5.46
	LEV Kit Interface	
1.5.27	PAC-MK-BC	1.5.47
	Branch Box	
1.5.28	BC Controllers	1.5.48
1.5.29	Refrigerant Detection Systems	1.5.51
1.5.30	Accessories / Optional Extras	1.5.53

Y Series (4.5-8hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUMY-P112VKM3	PUMY-P112YKM3	PUMY-P125VKM3	PUMY-P125YKM3	PUMY-P140VKM3	PUMY-P140YKM3	PUMY-P200YKM1
CAPACITY (kW)	Heating (nominal)	14.0	14.0	16.0	16.0	18.0	18.0	25.0
	Cooling (nominal)	12.5	12.5	14.0	14.0	15.5	15.5	22.4
	Heating (UK)	11.6	11.6	13.3	13.3	14.9	14.9	25.0
	Cooling (UK)	11.5	11.5	12.9	12.9	14.3	14.3	18.5
POWER INPUT (kW)	Heating (nominal)	3.04	3.04	3.74	3.74	4.47	4.47	5.84
	Cooling (nominal)	2.79	2.79	3.46	3.46	4.52	4.52	6.05
	Heating (UK)	2.71	2.71	3.33	3.33	3.98	3.98	7.59
	Cooling (UK)	1.87	1.87	2.32	2.32	3.03	3.03	5.58
COP / EER (nominal)		4.61 / 4.48	4.61 / 4.48	4.28 / 4.05	4.28 / 4.05	4.03 / 3.43	4.03 / 3.43	4.28 / 3.70
SCOP / SEER (system)		3.69 / 5.62	3.69 / 5.62	3.94 / 5.72	3.94 / 5.72	3.61 / 5.60	3.61 / 5.60	3.61 / 5.25
Max no. OF CONNECTABLE INDOOR UNITS		9	9	10	10	12	12	12
MAX CONNECTABLE CAPACITY		50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity
AIRFLOW (m³/min)		110	110	110	110	110	110	139
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	19.05 (3/4")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)		49	49	50	50	51	51	56
WEIGHT (kg)		123	125	123	125	123	125	138
DIMENSIONS (mm)	Width	1050	1050	1050	1050	1050	1050	1050
	Depth	330+30	330+30	330+30	330+30	330+30	330+30	330+30
	Height	1338	1338	1338	1338	1338	1338	1338
ELECTRICAL SUPPLY		220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Single	Three	Single	Three	Single	Three	Three
STARTING CURRENT (A)		5	5	5	5	5	5	7
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		13.42 / 12.32 [29.5]	5.16 / 4.74 [13.0]	16.51 / 15.27 [29.5]	6.00 / 5.55 [13.0]	19.73 / 19.95 [29.5]	6.79 / 6.87 [13.0]	8.74 / 9.05 [19.0]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~15 / -5~-46	-20~15 / -5~-46	-20~15 / -5~-46	-20~15 / -5~-46	-20~15 / -5~-46	-20~15 / -5~-46	-20~15 / -5~-46
FUSE RATING (BS88) - HRC (A)		1 x 32	1 x 16	1 x 32	1 x 16	1 x 32	1 x 16	1 x 20
MAINS CABLE No. Cores		3	4 + earth	3	4 + earth	3	4 + earth	4 + earth



PRICE

£2,820

£2,820

£3,172

£3,172

£3,541

£3,541

£4,021

Note: * 12.7mm (1/2") if furthest length ≥ 60m

Y Series Standard (8-18hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-P200YKB-A1	PUHY-P250YKB-A1	PUHY-P300YKB-A1	PUHY-P350YKB-A1	PUHY-P400YKB-A1	PUHY-P450YKB-A1
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5	45.0	50.0	56.0
	Cooling (nominal)	22.4	28.0	33.5	40.0	45.0	50.0
	High Performance Heating (UK)	25.0	31.5	35.6	42.8	47.5	50.7
	COP Priority Heating (UK)	22.8	28.7	32.3	38.7	43.0	48.7
	Cooling (UK)	20.0	25.0	29.9	35.8	40.1	44.5
POWER INPUT (kW)	Heating (nominal)	5.81	7.34	9.07	11.13	12.50	15.55
	Cooling (nominal)	5.19	6.88	8.56	11.69	13.55	14.79
	High Performance Heating (UK)	7.32	9.25	12.06	14.80	16.63	17.73
	COP Priority Heating (UK)	5.75	7.27	8.98	11.02	12.38	15.08
	Cooling (UK)	3.01	3.99	4.96	6.78	7.86	9.54
COP / EER (nominal)		4.30 / 4.31	4.29 / 4.06	4.13 / 3.91	4.04 / 3.42	4.00 / 3.32	3.60 / 3.38
SCOP / SEER (system)		5.08 / 8.12	5.65 / 8.36	5.63 / 7.15	5.61 / 6.66	4.65 / 6.04	4.64 / 6.47
MAX No. OF CONNECTABLE INDOOR UNITS		17	21	26	30	34	39
MAX CONNECTABLE CAPACITY		50-130% O/U Capacity	50-130% O/U Capacity	50-130% O/U Capacity	50-130% O/U Capacity	50-130% O/U Capacity	50-130% O/U Capacity
AIRFLOW (m³/min)		175	175	210	210	210	360
PIPE SIZE mm (in)	High	175	175	210	210	210	360
	Gas	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
	Liquid	9.52 (3/8")	9.52 (3/8")**	9.52 (3/8")**	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")
SOUND PRESSURE LEVEL (dBA)		57	59	61	61	63	66
SOUND POWER LEVEL (dBA)		78	79	83	83	83	85
WEIGHT (kg)		190	199	251	251	251	304
DIMENSIONS (mm)	Width	920	920	1220	1220	1220	1750
	Depth	740	740	740	740	740	740
	Height	1710	1710	1710	1710	1710	1710
(1650mm without legs)							
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)*		8	8	8	8	8	8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		9.3 / 8.3 [16.1]	11.7 / 11.0 [17.8]	14.5 / 13.7 [22.1]	17.8 / 18.7 [28.2]	20.0 / 21.7 [32.7]	24.9 / 23.7 [37.8]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 20	1 x 20	1 x 25	1 x 32	1 x 40	1 x 40
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE	£4,021	£5,023	£6,151	£7,176	£8,283	£9,226
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Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules.

Price includes Twinning Kit where necessary. **12.7mm(1/2") if P250 furthest length ≥ 90m, P300 furthest length ≥ 40m.

Pricing Notifications

- Any price shown is our commercial price list (CPU) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPU
- Price excludes any special delivery charges

Y Series Standard (20-30hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-P500YKB-A1	PUHY-P550YSKB-A1	PUHY-P600YSKB-A1	PUHY-P650YSKB-A1	PUHY-P700YSKB-A1	PUHY-P750YSKB-A1
CAPACITY (kW)	Heating (nominal)	63.0	69.0	76.5	81.5	88.0	95.0
	Cooling (nominal)	55.0	63.0	69.0	73.0	80.0	85.0
	High Performance Heating (UK)	57.0	62.4	69.2	73.8	88.0	95.0
	COP Priority Heating (UK)	54.8	60.0	66.6	70.9	76.6	82.7
	Cooling (UK)	49.9	55.9	61.2	64.8	69.5	73.8
POWER INPUT (kW)	Heating (nominal)	18.52	17.29	19.36	21.00	22.97	24.93
	Cooling (nominal)	18.39	16.66	19.43	20.97	24.69	26.56
	High Performance Heating (UK)	21.11	19.71	22.07	23.94	28.94	31.41
	COP Priority Heating (UK)	17.96	15.73	17.62	19.11	21.36	23.18
	Cooling (UK)	11.86	10.41	12.14	13.11	15.93	17.13
COP / EER (nominal)		3.40 / 2.99	3.99 / 3.78	3.95 / 3.55	3.88 / 3.48	3.83 / 3.24	3.81 / 3.20
SCOP / SEER (system)		4.77 / 6.83	5.70 / 8.39	5.69 / 6.69	4.83 / 6.94	5.05 / 6.47	5.48 / 7.61
MAX No. OF CONNECTABLE INDOOR UNITS		43	47	50	50	50	50
MAX CONNECTABLE CAPACITY		50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity
AIRFLOW (m³/min)	High	360	210 / 175	210 / 175	210 / 210	210 / 210	210 / 210
	Gas	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	34.93 (1-3/8")	34.93 (1-3/8")
PIPE SIZE mm (in)	Liquid	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		66	63.5	63.5	64	64	65.5
SOUND POWER LEVEL (dBA)		86	84.5	84.5	86	86	86
WEIGHT (kg)		304	251 + 199	251 + 199	251 + 251	251 + 251	251 + 251
DIMENSIONS (mm)	Width	1750	1220 + 920	1220 + 920	1220 + 1220	1220 + 1220	1220 + 1220
	Depth	740	740	740	740	740	740
	Height	1710	1710	1710	1710	1710	1710
(1650mm without legs)							
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)*		8 / 8	8 / 8	8 / 8	8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		29.7 / 29.4 [44.4]	27.7 / 26.7 [17.8+17.8]	31.0 / 31.1 [28.2+17.8]	33.6 / 33.6 [28.2+22.1]	36.8 / 39.5 [28.2+28.2]	39.9 / 42.5 [32.7+28.2]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 50	1 x 25 / 1 x 20	1 x 32 / 1 x 20	1 x 32 / 1 x 25	1 x 32 / 1 x 32	1 x 40 / 1 x 32
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£10,126

£11,213

£12,238

£13,366

£14,399

£15,506

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

Y Series Standard (32-36hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-P800YSKB-A1	PUHY-P850YSKB-A1	PUHY-P900YSKB-A1
CAPACITY (kW)	Heating (nominal)	100.0	108.0	113.0
	Cooling (nominal)	90.0	96.0	101.0
	High Performance Heating (UK)	100.0	102.6	107.4
	COP Priority Heating (UK)	87.0	95.0	99.4
	Cooling (UK)	78.2	85.2	89.6
POWER INPUT (kW)	Heating (nominal)	27.62	29.90	33.00
	Cooling (nominal)	27.86	30.18	31.46
	High Performance Heating (UK)	34.80	39.92	44.06
	COP Priority Heating (UK)	25.69	27.21	30.03
	Cooling (UK)	17.97	18.41	19.19
COP / EER (nominal)		3.62 / 3.23	3.61 / 3.18	3.42 / 3.21
SCOP / SEER (system)		5.44 / 5.93	4.95 / 6.01	4.89 / 6.08
MAX No. OF CONNECTABLE INDOOR UNITS		50	50	50
MAX CONNECTABLE CAPACITY		50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity
AIRFLOW (m³/min)	High	360 / 210	360 / 210	360 / 360
	Gas	34.93 (1-3/8")	41.28 (1-5/8")	41.28 (1-5/8")
PIPE SIZE mm (in)	Liquid	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		67.5	68	69
SOUND POWER LEVEL (dBA)		87.5	87.5	88
WEIGHT (kg)		304 + 251	304 + 251	304 + 304
DIMENSIONS (mm)	Width	1750 + 1220	1750 + 1220	1750 + 1750
	Depth	740	740	740
	Height	1710	1710	1710
(1650mm without legs)				
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three
STARTING CURRENT (A)*		8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		44.2 / 44.6 [37.8+28.2]	47.9 / 48.4 [37.8+32.7]	52.9 / 50.4 [37.8+37.8]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 40 / 1 x 32	1 x 40 / 1 x 40	1 x 40 / 1 x 40
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth



PRICE

£16,499

£17,556

£18,499

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

Y Series Standard (38-44hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-P950YSKB-A1	PUHY-P1000YSKB-A1	PUHY-P1050YSKB-A1	PUHY-P1100YSKB-A1
CAPACITY (kW)	Heating (nominal)	119.5	127.0	132.0	140.0
	Cooling (nominal)	108.0	113.0	118.0	124.0
	High Performance Heating (UK)	113.5	120.7	125.4	133.0
	COP Priority Heating (UK)	105.2	111.8	116.2	123.2
	Cooling (UK)	95.9	100.3	104.7	110.0
POWER INPUT (kW)	Heating (nominal)	30.40	32.70	34.25	36.60
	Cooling (nominal)	30.25	32.10	35.01	38.62
	High Performance Heating (UK)	40.58	43.65	45.72	48.86
	COP Priority Heating (UK)	27.66	29.76	31.17	33.31
	Cooling (UK)	18.45	19.58	21.36	23.56
COP / EER (nominal)		3.93 / 3.57	3.88 / 3.52	3.85 / 3.37	3.82 / 3.21
SCOP / SEER (system)		5.39 / 6.71	5.32 / 6.67	5.66 / 6.65	5.44 / 6.40
MAX No. OF CONNECTABLE INDOOR UNITS		50	50	50	50
MAX CONNECTABLE CAPACITY		50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity
AIRFLOW (m³/min)	High	210 / 210 / 175	210 / 210 / 210	210 / 210 / 210	210 / 210 / 210
	Gas	41.28 (1-5/8")	41.28 (1-5/8")	41.28 (1-5/8")	41.28 (1-5/8")
PIPE SIZE mm (in)	Liquid	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		66.5	66.5	66.5	66.5
SOUND POWER LEVEL (dBA)		67	68	68	68
WEIGHT (kg)		251 + 251 + 199	251 + 251 + 251	251 + 251 + 251	251 + 251 + 251
DIMENSIONS (mm)	Width	1220 + 1220 + 920	1220 + 1220 + 1220	1220 + 1220 + 1220	1220 + 1220 + 1220
	Depth	740	740	740	740
	Height	1710	1710	1710	1710
(1650mm without legs)					
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three
STARTING CURRENT (A)*		8 / 8 / 8	8 / 8 / 8	8 / 8 / 8	8 / 8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		48.7 / 48.5 [32.7+22.1+17.8]	52.4 / 51.4 [32.7+22.1+22.1]	54.9 / 56.1 [32.7+28.2+22.1]	58.6 / 61.9 [32.7+28.2+28.2]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~15.5 / -5~-52	-20~15.5 / -5~-52	-20~15.5 / -5~-52	-20~15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 40 / 1 x 25 / 1 x 20	1 x 40 / 1 x 25 / 1 x 25	1 x 40 / 1 x 32 / 1 x 25	1 x 40 / 1 x 32 / 1 x 32
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£19,542

£20,762

£21,787

£22,812

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

Y Series Standard (46-50hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-P1150YSKB-A1	PUHY-P1200YSKB-A1	PUHY-P1250YSKB-A1
CAPACITY (kW)	Heating (nominal)	145.0	150.0	156.5
	Cooling (nominal)	130.0	136.0	140.0
	High Performance Heating (UK)	137.8	142.5	148.7
	COP Priority Heating (UK)	127.6	132.0	137.7
	Cooling (UK)	115.4	120.7	124.3
POWER INPUT (kW)	Heating (nominal)	39.29	40.76	44.08
	Cooling (nominal)	40.27	44.10	43.80
	High Performance Heating (UK)	52.45	54.41	58.85
	COP Priority Heating (UK)	35.75	37.09	40.11
	Cooling (UK)	24.55	26.90	26.72
COP / EER (nominal)		3.69 / 3.23	3.68 / 3.08	3.55 / 3.19
SCOP / SEER (system)		5.33 / 6.44	4.56 / 5.85	4.54 / 6.44
MAX No. OF CONNECTABLE INDOOR UNITS		50	50	50
MAX CONNECTABLE CAPACITY		50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity
AIRFLOW (m³/min)	High	360 / 210 / 210	360 / 210 / 210	360 / 360 / 210
	Gas	41.28 (1-5/8")	41.28 (1-5/8")	41.28 (1-5/8")
PIPE SIZE mm (in)	Liquid	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		68.5	69	70
SOUND POWER LEVEL (dBA)		88.5	88.5	89.5
WEIGHT (kg)		304 + 251 + 251	304 + 251 + 251	304 + 304 + 251
DIMENSIONS (mm)	Width	1750 + 1220 + 1220	1750 + 1220 + 1220	1750 + 1750 + 1220
	Depth	740	740	740
	Height	1710	1710	1710
(1650mm without legs)				
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three
STARTING CURRENT (A)*		8 / 8 / 8	8 / 8 / 8	8 / 8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		63.0 / 64.5 [37.8+28.2+28.2]	65.3 / 70.7 [37.8+32.7+28.2]	70.6 / 70.2 [37.8+37.8+28.2]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 40 / 1 x 32 / 1 x 32	1 x 40 / 1 x 40 / 1 x 32	1 x 40 / 1 x 40 / 1 x 32
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth



PRICE

£23,755

£24,862

£25,805

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

1.59

Air Conditioning

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

CITY MULTI

Y Series High COP (8-14hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-EP200YLM-A1	PUHY-EP250YLM-A1	PUHY-EP300YLM-A1	PUHY-EP350YLM-A1
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5	45.0
	Cooling (nominal)	22.4	28.0	33.5	40.0
	High Performance Heating (UK)	25.0	31.5	35.6	42.7
	COP Priority Heating (UK)	22.8	28.7	34.2	41.1
	Cooling (UK)	20.0	25.0	29.9	35.8
POWER INPUT (kW)	Heating (nominal)	5.73	7.68	9.16	12.53
	Cooling (nominal)	5.19	6.89	8.56	11.69
	High Performance Heating (UK)	7.24	9.61	12.22	16.72
	COP Priority Heating (UK)	5.70	7.64	9.10	12.46
	Cooling (UK)	2.21	3.00	3.66	5.00
COP / EER (nominal)		4.36 / 4.31	4.10 / 4.06	4.09 / 3.91	3.59 / 3.42
SCOP / SEER (system)		5.53 / 9.02	6.00 / 9.02	6.00 / 7.75	5.90 / 7.16
MAX No. OF CONNECTABLE INDOOR UNITS		17	21	26	30
MAX CONNECTABLE CAPACITY		50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity
AIRFLOW (m³/min)	High	175	175	200	200
	Gas	22.2 (7/8")	22.2 (7/8")	28.58 (1-1/8")	28.58 (1-1/8")
PIPE SIZE mm (in)	Liquid	9.52 (3/8")	9.52 (3/8")**	9.52 (3/8")**	12.7 (1/2")
SOUND PRESSURE LEVEL (dBA)		57	60	61	61
SOUND POWER LEVEL (dBA)		79.5	80	82	82.5
WEIGHT (kg)		200	200	243	237
DIMENSIONS (mm)	Width	920	920	1220	1220
	Depth	740	740	740	740
	Height	1710	1710	1710	1710
(1650mm without legs)					
ELECTRICAL SUPPLY *		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three
STARTING CURRENT (A)*		8	8	8	8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		8.8 / 8.0 [16.1]	11.8 / 10.6 [18.1]	14.1 / 13.2 [21.6]	19.3 / 18.0 [28.7]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~15.5 / -5~-52	-20~15.5 / -5~-52	-20~15.5 / -5~-52	-20~15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 20	1 x 20	1 x 25	1 x 32
MAINS CABLE No. Cores*		4	4	4	4



PRICE

£4,598

£5,776

£7,213

£8,417

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary. **12.7mm(1/2") if furthest length ≥ 40m.

Y Series High COP (16-24hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-EP400YLM-A1	PUHY-EP450YLM-A1	PUHY-EP500YLM-A1	PUHY-EP550YSLM-A1	PUHY-EP600YSLM-A1
CAPACITY (kW)	Heating (nominal)	50.0	56.0	63.0	69.0	76.5
	Cooling (nominal)	45.0	50.0	56.0	63.0	69.0
	High Performance Heating (UK)	44.9	50.7	57.0	62.4	69.2
	COP Priority Heating (UK)	43.0	48.7	54.5	60.0	66.6
	Cooling (UK)	40.1	44.5	49.9	55.9	61.2
POWER INPUT (kW)	Heating (nominal)	13.15	16.09	19.68	17.73	19.66
	Cooling (nominal)	12.26	14.79	18.72	16.62	18.59
	High Performance Heating (UK)	15.01	18.37	22.46	20.24	22.44
	COP Priority Heating (UK)	12.79	15.65	19.14	16.19	17.96
	Cooling (UK)	6.16	7.08	8.68	8.04	8.83
COP / EER (nominal)		3.80 / 3.67	3.48 / 3.38	3.20 / 2.99	3.89 / 3.79	3.89 / 3.71
SCOP / SEER (system)		4.79 / 6.97	4.85 / 7.03	4.90 / 7.28	6.07 / 8.75	6.08 / 7.45
MAX No. OF CONNECTABLE INDOOR UNITS		34	39	43	47	50
MAX CONNECTABLE CAPACITY		50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity
AIRFLOW (m³/min)		320	370	370	200 / 175	200 / 200
PIPE SIZE mm (in)	High					
	Gas	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
	Liquid	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
SOUND PRESSURE LEVEL (dBA)		62.5	63	63.5	63.5	64
SOUND POWER LEVEL (dBA)		82.5	83	83.5	84.5	85
WEIGHT (kg)		306	306	318	243 + 200	243 + 243
DIMENSIONS (mm)	Width	1750	1750	1750	1220 + 920	1220 + 1220
	Depth	740	740	740	740	740
	Height	1710	1710	1710	1710	1710
(1650mm without legs)						
ELECTRICAL SUPPLY *		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three
STARTING CURRENT (A)*		8	8	8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		20.3 / 18.9 [32.1]	24.8 / 22.8 [38.0]	30.4 / 28.9 [46.5]	27.4 / 25.6 [21.6+18.1]	30.3 / 28.7 [21.6+21.6]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 40	1 x 40	1 x 50	1 x 25 / 1 x 20	1 x 25 / 1 x 25
MAINS CABLE No. Cores*		4	4	4	4	4



PRICE	£9,277	£10,455	£11,892	£13,070	£14,507
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Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

Y Series High COP (26-30hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-EP650YSLM-A1	PUHY-EP700YSLM-A1	PUHY-EP750YSLM-A1
CAPACITY (kW)	Heating (nominal)	81.5	88.0	95.0
	Cooling (nominal)	73.0	80.0	85.0
	High Performance Heating (UK)	73.8	88.0	95.0
	COP Priority Heating (UK)	70.9	76.6	82.7
	Cooling (UK)	64.8	69.5	73.8
POWER INPUT (kW)	Heating (nominal)	20.07	21.67	23.92
	Cooling (nominal)	18.15	20.15	21.85
	High Performance Heating (UK)	22.91	27.12	29.93
	COP Priority Heating (UK)	18.33	20.12	22.19
	Cooling (UK)	8.59	9.17	10.21
COP / EER (nominal)		4.06 / 4.02	4.06 / 3.97	3.97 / 3.89
SCOP / SEER (system)		5.40 / 8.48	5.61 / 8.29	6.41 / 8.79
MAX No. OF CONNECTABLE INDOOR UNITS		50	50	50
MAX CONNECTABLE CAPACITY		50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity
AIRFLOW (m³/min)	High	175 / 175 / 175	200 / 175 / 175	200 / 175 / 175
	Gas	28.58 (1-1/8")	34.93 (1-3/8")	34.93 (1-3/8")
PIPE SIZE mm (in)	Liquid	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		63	63.5	64.5
SOUND POWER LEVEL (dBA)		84.5	85.5	85.5
WEIGHT (kg)		200 + 200 + 200	243 + 200 + 200	243 + 200 + 200
DIMENSIONS (mm)	Width	920 + 920 + 920	1220 + 920 + 920	1220 + 920 + 920
	Depth	740	740	740
	Height	1710	1710	1710
(1650mm without legs)				
ELECTRICAL SUPPLY *		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three
STARTING CURRENT (A)*		8 / 8 / 8	8 / 8 / 8	8 / 8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		31.0 / 28.0 [18.1+16.1+16.1]	33.4 / 31.1 [21.6+16.1+16.1]	36.9 / 33.7 [21.6+18.1+16.1]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 20 / 1 x 20 / 1 x 20	1 x 25 / 1 x 20 / 1 x 20	1 x 25 / 1 x 20 / 1 x 20
MAINS CABLE No. Cores*		4	4	4
PRICE		£15,149	£16,586	£17,764



Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

Y Series High COP (32-36hp)

Heat Pump Outdoor Unit

HIGH EFFICIENCY HEAT PUMP		PUHY-EP800YSLM-A1	PUHY-EP850YSLM-A1	PUHY-EP900YSLM-A1
CAPACITY (kW)	Heating (nominal)	100.0	108.0	113.0
	Cooling (nominal)	90.0	96.0	101.0
	High Performance Heating (UK)	100.0	102.6	107.4
	COP Priority Heating (UK)	87.0	95.0	99.4
	Cooling (UK)	78.2	85.2	89.6
POWER INPUT (kW)	Heating (nominal)	25.18	27.76	29.04
	Cooling (nominal)	23.43	25.53	27.22
	High Performance Heating (UK)	31.51	37.04	38.74
	COP Priority Heating (UK)	23.37	25.35	26.52
	Cooling (UK)	10.72	11.80	12.58
COP / EER (nominal)		3.97 / 3.84	3.89 / 3.76	3.89 / 3.71
SCOP / SEER (system)		6.40 / 7.53	6.03 / 7.68	6.02 / 7.58
MAX No. OF CONNECTABLE INDOOR UNITS		50	50	50
MAX CONNECTABLE CAPACITY		50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity
AIRFLOW (m³/min)	High	200 / 200 / 175	200 / 200 / 175	200 / 200 / 200
	Gas	34.93 (1-3/8")	41.28 (1-5/8")	41.28 (1-5/8")
PIPE SIZE mm (in)	Liquid	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		65	65.5	66
SOUND POWER LEVEL (dBa)		86.5	86.5	87
WEIGHT (kg)		243 + 243 + 200	243 + 243 + 200	243 + 243 + 243
DIMENSIONS (mm)	Width	1220 + 1220 + 920	1220 + 1220 + 920	1220 + 1220 + 1220
	Depth	740	740	740
	Height	1710	1710	1710
(1650mm without legs)				
ELECTRICAL SUPPLY *		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three
STARTING CURRENT (A)*		8 / 8 / 8	8 / 8 / 8	8 / 8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		38.9 / 36.2 [21.6+21.6+16.1]	42.9 / 39.4 [21.6+21.6+18.1]	44.8 / 42.0 [21.6+21.6+21.6]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 25 / 1 x 25 / 1 x 20	1 x 25 / 1 x 25 / 1 x 20	1 x 25 / 1 x 25 / 1 x 25
MAINS CABLE No. Cores*		4	4	4



PRICE

£19,201

£20,379

£21,816

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

Y Series Replace Multi (8-22hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-RP200YJM-B	PUHY-RP250YJM-B	PUHY-RP300YJM-B	PUHY-RP350YJM-B	PUHY-RP400YSJM-B	PUHY-RP450YSJM-B	PUHY-RP600YSJM-B	PUHY-RP650YSJM-B
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5	45.0	50.0	56.0	63.0	69.0
	Cooling (nominal)	22.4	28.0	33.5	40.0	45.0	50.0	56.0	63.0
	High Performance Heating (UK)	25.0	31.5	36.0	43.2	48.0	50.4	56.7	62.1
	COP Priority Heating (UK)	22.8	28.7	32.6	39.2	43.5	48.7	54.8	60.0
	Cooling (UK)	21.2	26.6	31.5	37.6	42.3	46.0	51.5	58.0
POWER INPUT (kW)	Heating (nominal)	5.69	7.22	9.42	12.60	11.38	12.81	14.44	16.62
	Cooling (nominal)	5.68	7.62	8.98	11.79	11.87	13.77	15.68	17.50
	High Performance Heating (UK)	7.34	9.31	12.43	16.63	15.14	16.41	16.47	18.95
	COP Priority Heating (UK)	5.63	7.15	9.14	12.22	11.04	11.66	13.14	15.12
	Cooling (UK)	3.30	4.42	5.84	7.67	7.72	8.68	9.88	11.03
COP / EER (nominal)		4.39 / 3.94	4.36 / 3.67	3.98 / 3.73	3.57 / 3.39	4.39 / 3.79	4.37 / 3.63	4.36 / 3.57	4.15 / 3.60
SCOP / SEER (system)		- / 5.68	- / 5.90	- / 5.04	- / 4.80	- / 4.71	- / 5.06	- / 5.51	- / 5.31
MAX No. Of CONNECTABLE INDOOR UNITS		17	21	26	30	32	32	32	32
MAX CONNECTABLE CAPACITY		50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity
AIRFLOW (m³/min)	High	185	185	185	185	185 / 185	185 / 185	185 / 185	185 / 185
	Gas	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	34.93 (1-3/8")	34.93 (1-3/8")	34.93 (1-3/8")	34.93 (1-3/8")	34.93 (1-3/8")
PIPE SIZE mm (in)	Liquid	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
SOUND PRESSURE LEVEL (dBA)		56	57	59	60	59	59.5	60	61
SOUND POWER LEVEL (dBA)		76	77	79	80	79	79.5	80	81
WEIGHT (kg)		230	255	255	255	230 + 230	255 + 230	255 + 255	255 + 255
DIMENSIONS (mm)	Width	920	920	920	920	920 + 920	920 + 920	920 + 920	920 + 920
	Depth	760	760	760	760	760	760	760	760
	Height	1710	1710	1710	1710	1710	1710	1710	1710
(1650mm without legs)									
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)*		8	8	8	8	8 + 8	8 + 8	8 + 8	8 + 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		8.7/8.7 [13.5]	12.1/12.7 [18.3]	15.2/14.4 [21.5]	20.2/18.9 [28.4]	17.5/18.3 [13.5+13.5]	20.7/22.2 [18.3+13.5]	24.2/26.2 [18.3+18.3]	27.3/28.7 [21.5+18.3]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20/-15.5 / -5/-46	-20/-15.5 / -5/-46	-20/-15.5 / -5/-46	-20/-15.5 / -5/-46	-20/-15.5 / -5/-46	-20/-15.5 / -5/-46	-20/-15.5 / -5/-46	-20/-15.5 / -5/-46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 20	1 x 20	1 x 25	1 x 32	1 x 20 / 1 x 20	1 x 20 / 1 x 20	1 x 20 / 1 x 20	1 x 25 / 1 x 20
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£5,581

£6,975

£8,371

£9,765

£11,205

£12,599

£13,993

£15,389

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

Y Series Replace Multi (24-36hp)

Heat Pump Outdoor Unit

OUTDOOR UNITS		PUHY-RP600YSJM-B	PUHY-RP650YSJM-B	PUHY-RP700YSJM-B	PUHY-RP750YSJM-B	PUHY-RP800YSJM-B	PUHY-RP850YSJM-B	PUHY-RP900YSJM-B
CAPACITY (kW)	Heating (nominal)	76.5	81.5	88.0	95.0	100.0	108.0	113.0
	Cooling (nominal)	69.0	73.0	80.0	85.0	90.0	96.0	101.0
	High Performance Heating (UK)	68.9	73.4	88.0	95.0	100.0	103.7	108.5
	COP Priority Heating (UK)	66.6	70.9	76.6	82.7	87.0	94.0	98.3
	Cooling (UK)	63.5	67.2	73.6	78.2	82.8	88.3	92.9
POWER INPUT (kW)	Heating (nominal)	19.22	21.73	20.13	21.78	23.75	26.47	28.39
	Cooling (nominal)	18.59	21.09	22.22	24.14	25.49	27.11	28.29
	High Performance Heating (UK)	21.92	24.78	25.37	27.45	29.93	35.21	37.76
	COP Priority Heating (UK)	17.49	19.77	18.72	20.26	22.09	24.09	25.83
	Cooling (UK)	11.72	13.29	14.45	15.70	16.57	16.54	17.26
COP / EER (nominal)		3.98 / 3.71	3.75 / 3.46	4.37 / 3.60	4.36 / 3.52	4.21 / 3.53	4.08 / 3.54	3.98 / 3.57
SCOP / SEER (system)		- / 5.48	- / 5.02	- / 5.30	- / 5.26	- / 5.13	- / 5.28	- / 5.06
MAX No. OF CONNECTABLE INDOOR UNITS		32	32	32	32	32	32	32
MAX CONNECTABLE CAPACITY		50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity	50-130% OU Capacity
AIRFLOW (m³/min)	High	185 / 185	185 / 185	185 / 185 / 185	185 / 185 / 185	185 / 185 / 185	185 / 185 / 185	185 / 185 / 185
	Liquid	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
PIPE SIZE mm (in)	Gas	34.93 (1-3/8")	41.28 (1-5/8")	41.28 (1-5/8")	41.28 (1-5/8")	41.28 (1-5/8")	41.28 (1-5/8")	41.28 (1-5/8")
	Liquid	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		62	62.5	61.5	62	62.5	63.5	64
SOUND POWER LEVEL (dBA)		82	82.5	81.5	82	82.5	83.5	84
WEIGHT (kg)		255 + 255	255 + 255	255 + 255 + 230	255 + 255 + 255	255 + 255 + 255	255 + 255 + 255	255 + 255 + 255
DIMENSIONS (mm)	Width	920 + 920	920 + 920	920 + 920 + 920	920 + 920 + 920	920 + 920 + 920	920 + 920 + 920	920 + 920 + 920
	Depth	760	760	760	760	760	760	760
	Height	1710	1710	1710	1710	1710	1710	1710
(1650mm without legs)								
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)*		8 + 8	8 + 8	8 + 8 + 8	8 + 8 + 8	8 + 8 + 8	8 + 8 + 8	8 + 8 + 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		31.1/30.8 [21.5+21.5]	36.0/34.0 [28.4+21.5]	33.0 / 36.4 [18.3+18.3+13.5]	36.5 / 39.7 [18.3+18.3+18.3]	39.3 / 42.0 [21.5+18.3+18.3]	43.2 / 44.1 [21.5+21.5+18.3]	45.9 / 45.7 [21.5+21.5+21.5]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 25 / 1 x 25	1 x 32 / 1 x 25	1 x 20 / 1 x 20 / 1 x 20	1 x 20 / 1 x 20 / 1 x 20	1 x 25 / 1 x 20 / 1 x 20	1 x 25 / 1 x 25 / 1 x 20	1 x 25 / 1 x 25 / 1 x 25
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£16,785

£18,179

£19,622

£21,016

£22,412

£23,808

£25,204

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules.

1.5.15

Air Conditioning

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

CITY MULTI

R2 Series Standard (8-18hp)

Simultaneous Heating and Cooling with Heat Recovery Outdoor Unit

OUTDOOR UNITS		PURY-P200YLM-A1	PURY-P250YLM-A1	PURY-P300YLM-A1	PURY-P350YLM-A1	PURY-P400YLM-A1	PURY-P450YLM-A1
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5	45.0	45.0	56.0
	Cooling (nominal)	22.4	28.0	33.5	40.0	45.0	50.0
	High Performance Heating (UK)	25.0	31.5	35.6	42.8	42.8	50.7
	COP Priority Heating (UK)	22.8	28.7	32.3	38.7	38.7	48.7
	Cooling (UK)	20.0	25.0	29.8	35.6	40.1	44.4
POWER INPUT (kW)	Heating (nominal)	5.49	7.32	9.37	11.59	11.42	14.93
	Cooling (nominal)	5.29	6.98	9.10	11.76	13.71	14.32
	High Performance Heating (UK)	6.92	9.22	12.51	15.47	15.25	17.09
	COP Priority Heating (UK)	5.46	7.28	9.14	11.30	11.13	13.74
	Cooling (UK)	3.07	4.05	5.87	7.59	8.84	9.02
COP / EER (nominal)		4.55 / 4.23	4.30 / 4.01	4.00 / 3.68	3.88 / 3.40	3.94 / 3.28	3.75 / 3.49
SCOP / SEER (system)		4.96 / 7.54	5.32 / 7.02	5.18 / 6.09	5.29 / 5.76	4.35 / 6.64	4.80 / 6.25
MAX No. OF CONNECTABLE INDOOR UNITS		20	25	30	35	40	45
MAX CONNECTABLE CAPACITY		50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity
AIRFLOW (m³/min)	High	185	185	230	230	230	320
	Liquid	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")
PIPE SIZE mm (in)	Gas	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
	Liquid	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")
SOUND PRESSURE LEVEL (dBA)		59	60	62.5	62.5	62.5	62.5
SOUND POWER LEVEL (dBA)		82.5	83.5	86	86	86	86
WEIGHT (kg)		205	205	248	248	246	321
DIMENSIONS (mm)	Width	920	920	1220	1220	1220	1750
	Depth	740	740	740	740	740	740
	Height	1710	1710	1710	1710	1710	1710
(1650mm without legs)							
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)*		8	8	8	8	8	8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		8.8 / 8.4 [16.1]	11.7 / 11.1 [17.3]	15.0 / 14.5 [22.2]	18.5 / 18.8 [27.8]	18.3 / 21.9 [32.4]	23.9 / 22.9 [35.9]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 20	1 x 20	1 x 25	1 x 32	1 x 40	1 x 40
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£4,474

£5,596

£6,719

£7,921

£9,335

£10,347

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

R2 Series Standard (20-28hp)

Simultaneous Heating and Cooling with Heat Recovery Outdoor Unit

OUTDOOR UNITS		PURY-P500YLM-A1	PURY-P550YSLM-A1	PURY-P600YSLM-A1	PURY-P650YSLM-A1	PURY-P700YSLM-A1
CAPACITY (kW)	Heating (nominal)	58.0	69.0	76.5	81.5	88.0
	Cooling (nominal)	56.0	63.0	69.0	73.0	80.0
	High Performance Heating (UK)	57.0	62.4	69.2	73.8	88.0
	COP Priority Heating (UK)	54.8	60.0	66.6	70.9	76.6
	Cooling (UK)	49.7	55.9	61.2	64.8	69.5
POWER INPUT (kW)	Heating (nominal)	16.06	16.62	19.12	20.68	22.68
	Cooling (nominal)	17.77	16.89	19.32	21.28	24.24
	High Performance Heating (UK)	18.39	19.03	21.89	23.68	28.58
	COP Priority Heating (UK)	14.78	15.29	17.59	19.03	21.09
	Cooling (UK)	11.20	10.64	12.17	13.41	15.51
COP / EER (nominal)		3.61 / 3.15	4.15 / 3.73	4.00 / 3.57	3.94 / 3.43	3.88 / 3.30
SCOP / SEER (system)		4.82 / 6.15	5.43 / 6.67	5.36 / 6.30	5.30 / 6.13	5.67 / 5.83
MAX No. OF CONNECTABLE INDOOR UNITS		50	50	50	50	50
MAX CONNECTABLE CAPACITY		50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity
AIRFLOW (m³/min)	High	380	230 / 185	230 / 230	230 / 230	230 / 230
	Gas	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	34.93 (1-3/8")
PIPE SIZE mm (in)	Liquid	22.2 (7/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
SOUND PRESSURE LEVEL (dBA)		63.5	64.5	65.5	65.5	65.5
SOUND POWER LEVEL (dBA)		87	88	89	89	89
WEIGHT (kg)		321	248 + 205	248 + 248	248 + 248	248 + 248
DIMENSIONS (mm)	Width	1750	1220 + 920	1220 + 1220	1220 + 1220	1220 + 1220
	Depth	740	740	740	740	740
	Height	1710	1710	1710	1710	1710
(1650mm without legs)						
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three
STARTING CURRENT (A)*		8 / 8	8 / 8	8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		25.7 / 28.4 [41.9]	26.6 / 27.0 [22.2+17.3]	30.6 / 30.9 [22.2+22.2]	33.1 / 34.1 [27.8+22.2]	36.3 / 38.8 [27.8+27.8]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 50	1 x 25 / 1 x 20	1 x 25 / 1 x 25	1 x 32 / 1 x 25	1 x 32 / 1 x 32
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£11,324

£12,447

£13,570

£14,772

£16,204

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules.

R2 Series Standard (30-36hp)

Simultaneous Heating and Cooling with Heat Recovery Outdoor Unit

OUTDOOR UNITS		PURY-P750YSLM-A1	PURY-P800YSLM-A1	PURY-P850YSLM-A1	PURY-P900YSLM-A1
CAPACITY (kW)	Heating (nominal)	90.0	90.0	101.0	113.0
	Cooling (nominal)	85.0	90.0	96.0	101.0
	High Performance Heating (UK)	95.0	100.0	102.6	107.4
	COP Priority Heating (UK)	82.7	87.0	95.0	99.4
	Cooling (UK)	73.8	78.2	85.2	89.6
POWER INPUT (kW)	Heating (nominal)	23.01	22.84	26.23	30.13
	Cooling (nominal)	26.23	28.30	29.26	29.79
	High Performance Heating (UK)	28.99	28.78	35.15	40.37
	COP Priority Heating (UK)	21.40	21.24	24.13	27.72
	Cooling (UK)	16.79	18.11	17.85	18.17
COP / EER (nominal)		3.91 / 3.24	3.94 / 3.18	3.85 / 3.28	3.75 / 3.39
SCOP / SEER (system)		4.77 / 6.28	4.54 / 6.33	4.65 / 6.74	4.80 / 6.35
MAX No. Of CONNECTABLE INDOOR UNITS		50	50	50	50
MAX CONNECTABLE CAPACITY		50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity
AIRFLOW (m³/min)	High	230 / 230	230 / 230	320 / 230	320 / 320
	Gas	34.93 (1-3/8")	34.93 (1-3/8")	41.28 (1-5/8")	41.28 (1-5/8")
PIPE SIZE mm (in)	Liquid	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
SOUND PRESSURE LEVEL (dBA)		65.5	65.5	65.5	65.5
SOUND POWER LEVEL (dBA)		89	89	89	89
WEIGHT (kg)		248 + 246	246 + 246	321 + 246	321 + 321
DIMENSIONS (mm)	Width	1220 + 1220	1220 + 1220	1750 + 1220	1750 + 1750
	Depth	740	740	740	740
	Height (1650mm without legs)	1710	1710	1710	1710
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three
STARTING CURRENT (A)*		8 / 8	8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		36.9 / 42.0 [32.4+27.8]	36.6 / 45.3 [32.4+32.4]	42.0 / 46.9 [35.3+32.4]	48.3 / 47.7 [35.3+35.3]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 40 / 1 x 32	1 x 40 / 1 x 40	1 x 40 / 1 x 40	1 x 40 / 1 x 40
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£17,406

£18,820

£19,972

£20,984

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

R2 Series High COP (8-20hp)

Simultaneous Heating and Cooling with Heat Recovery Outdoor Unit

OUTDOOR UNITS		PURY-EP200YLM-A1	PURY-EP250YLM-A1	PURY-EP300YLM-A1	PURY-EP350YLM-A1	PURY-EP400YLM-A1	PURY-EP450YLM-A1	PURY-EP500YLM-A1
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5	45.0	50.0	56.0	63.0
	Cooling (nominal)	22.4	28.0	33.5	40.0	45.0	50.0	56.0
	High Performance Heating (UK)	25.0	31.5	35.6	42.8	47.5	50.7	57.0
	COP Priority Heating (UK)	22.8	28.7	32.3	38.7	43.0	48.7	54.8
	Cooling (UK)	20.0	25.0	29.8	35.6	40.1	44.4	49.7
POWER INPUT (kW)	Heating (nominal)	6.41	8.45	9.97	12.93	13.40	15.86	19.54
	Cooling (nominal)	5.48	7.25	9.20	12.57	12.56	14.83	18.30
	High Performance Heating (UK)	8.03	10.58	13.30	17.25	17.88	18.10	22.30
	COP Priority Heating (UK)	6.37	8.40	9.68	12.56	13.01	14.50	17.86
	Cooling (UK)	2.42	3.11	4.63	5.94	6.17	6.94	7.85
COP / EER (nominal)		3.90 / 4.08	3.72 / 3.86	3.76 / 3.74	3.48 / 3.18	3.73 / 3.58	3.53 / 3.37	3.22 / 3.06
SCOP / SEER (system)		5.06 / 8.21	5.36 / 8.20	5.41 / 6.79	5.38 / 6.56	4.59 / 6.85	4.93 / 7.05	4.97 / 6.79
MAX No. OF CONNECTABLE INDOOR UNITS		20	25	30	35	40	45	50
MAX CONNECTABLE CAPACITY		50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity
AIRFLOW (m³/min)	High	185	185	230	230	320	320	380
	Gas	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
PIPE SIZE mm (in)	Liquid	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")
	Gas	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
SOUND PRESSURE LEVEL (dBA)		59	60	62.5	62.5	62.5	62.5	63.5
SOUND POWER LEVEL (dBA)		82.5	83.5	86	86	86	86	87
WEIGHT (kg)		202	202	244	244	315	336	349
DIMENSIONS (mm)	Width	920	920	1220	1220	1750	1750	1750
	Depth	740	740	740	740	740	740	740
	Height	1710	1710	1710	1710	1710	1710	1710
(1650mm without legs)								
ELECTRICAL SUPPLY *		380~415v, 50Hz	380~415v, 50Hz	380~415v, 50Hz	380~415v, 50Hz	380~415v, 50Hz	380~415v, 50Hz	380~415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)*		8	8	8	8	8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		9.9 / 8.4 [16.1]	13.0 / 11.2 [19.9]	15.4 / 14.2 [23.6]	19.9 / 19.4 [30.6]	20.7 / 19.4 [31.7]	24.5 / 22.9 [37.4]	30.2 / 28.2 [46.1]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 20	1 x 20	1 x 25	1 x 32	1 x 32	1 x 40	1 x 50
MAINS CABLE No. Cores*		4	4	4	4	4	4	4



PRICE	£5,092	£6,434	£7,850	£9,017	£10,316	£11,658	£13,001
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Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

R2 Series High COP (22-28hp)

Simultaneous Heating and Cooling with Heat Recovery Outdoor Unit

OUTDOOR UNITS		PURY-EP550YSLM-A1	PURY-EP600YSLM-A1	PURY-EP650YSLM-A1	PURY-EP700YSLM-A1
CAPACITY (kW)	Heating (nominal)	69.0	76.5	81.5	88.0
	Cooling (nominal)	63.0	69.0	73.0	80.0
	High Performance Heating (UK)	62.4	69.2	73.8	88.0
	COP Priority Heating (UK)	60.0	66.6	70.9	76.6
	Cooling (UK)	55.9	61.2	64.8	69.5
POWER INPUT (kW)	Heating (nominal)	18.44	20.34	22.51	25.28
	Cooling (nominal)	17.35	19.54	22.12	25.97
	High Performance Heating (UK)	21.05	23.22	25.69	31.64
	COP Priority Heating (UK)	16.86	18.59	20.58	23.47
	Cooling (UK)	8.49	9.80	10.79	11.85
COP / EER (nominal)		3.74 / 3.63	3.76 / 3.53	3.62 / 3.30	3.48 / 3.08
SCOP / SEER (system)		5.60 / 7.88	5.63 / 7.06	5.47 / 6.87	5.75 / 6.70
MAX No. OF CONNECTABLE INDOOR UNITS		50	50	50	50
MAX CONNECTABLE CAPACITY		50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity
AIRFLOW (m³/min)	High	230 / 185	230 / 230	230 / 230	230 / 230
PIPE SIZE mm (in)	Gas	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	34.93 (1-3/8")
	Liquid	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
SOUND PRESSURE LEVEL (dBA)		64.5	65.5	65.5	65.5
SOUND POWER LEVEL (dBA)		88	89	89	89
WEIGHT (kg)		244 + 202	244 + 244	244 + 244	244 + 244
DIMENSIONS (mm)	Width	1220 + 920	1220 + 1220	1220 + 1220	1220 + 1220
	Depth	740	740	740	740
	Height	1710	1710	1710	1710
(1650mm without legs)					
ELECTRICAL SUPPLY *		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three
STARTING CURRENT (A)*		8 / 8	8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		28.5 / 26.8 [23.6+19.9]	31.4 / 30.2 [23.6+23.6]	34.7 / 34.1 [30.6+23.6]	39.0 / 40.1 [30.6+30.6]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 25 / 1 x 20	1 x 25 / 1 x 25	1 x 32 / 1 x 25	1 x 32 / 1 x 32
MAINS CABLE No. Cores*		4	4	4	4



PRICE

£14,543

£15,959

£17,126

£18,293

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

R2 Series High COP (30-36hp)

Simultaneous Heating and Cooling with Heat Recovery Outdoor Unit

OUTDOOR UNITS		PURY-EP750YSLM-A1	PURY-EP800YSLM-A1	PURY-EP850YSLM-A1	PURY-EP900YSLM-A1
CAPACITY (kW)	Heating (nominal)	95.0	100.0	108.0	113.0
	Cooling (nominal)	85.0	90.0	96.0	101.0
	High Performance Heating (UK)	95.0	100.0	102.8	107.6
	COP Priority Heating (UK)	82.7	87.0	94.8	99.2
	Cooling (UK)	73.8	78.2	85.2	89.6
POWER INPUT (kW)	Heating (nominal)	26.38	26.80	29.75	32.01
	Cooling (nominal)	25.99	25.93	28.48	30.98
	High Performance Heating (UK)	33.02	33.54	39.69	42.71
	COP Priority Heating (UK)	24.48	24.87	27.19	29.26
	Cooling (UK)	12.11	12.34	13.29	14.11
COP / EER (nominal)		3.60 / 3.27	3.73 / 3.47	3.63 / 3.37	3.53 / 3.26
SCOP / SEER (system)		4.91 / 6.80	4.78 / 6.88	4.83 / 7.14	4.93 / 7.19
MAX No. OF CONNECTABLE INDOOR UNITS		50	50	50	50
MAX CONNECTABLE CAPACITY		50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity
AIRFLOW (m³/min)	High	320 / 320	320 / 320	320 / 320	320 / 320
	Low	320 / 320	320 / 320	320 / 320	320 / 320
PIPE SIZE mm (in)	Gas	34.93 (1-3/8")	34.93 (1-3/8")	41.28 (1-5/8")	41.28 (1-5/8")
	Liquid	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
SOUND PRESSURE LEVEL (dBA)		65.5	65.5	65.5	65.5
SOUND POWER LEVEL (dBA)		89	89	89	89
WEIGHT (kg)		315 + 244	315 + 315	336 + 315	336 + 336
DIMENSIONS (mm)	Width	1750 + 1220	1750 + 1750	1750 + 1750	1750 + 1750
	Depth	740	740	740	740
	Height	1710	1710	1710	1710
(1650mm without legs)					
ELECTRICAL SUPPLY *		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three
STARTING CURRENT (A)*		8 / 8	8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		40.7 / 40.1 [31.7+30.6]	41.4 / 40.0 [31.7+31.7]	45.9 / 44.0 [37.4+31.7]	49.4 / 47.8 [37.4+37.4]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46	-20~15.5 / -5~46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 32 / 1 x 32	1 x 32 / 1 x 32	1 x 40 / 1 x 32	1 x 40 / 1 x 40
MAINS CABLE No. Cores*		4	4	4	4



PRICE	£19,592	£20,891	£22,233	£23,575
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Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary.

R2 Series Replace Multi (8-12hp)

Simultaneous Heating and Cooling with Heat Recovery Outdoor Unit

OUTDOOR UNITS		PURY-RP200YJM-B	PURY-RP250YJM-B	PURY-RP300YJM-B
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5
	Cooling (nominal)	22.4	28.0	33.5
	High Performance Heating (UK)	24.0	30.2	36.0
	COP Priority Heating (UK)	21.8	27.4	32.6
	Cooling (UK)	21.1	26.3	31.5
POWER INPUT (kW)	Heating (nominal)	5.50	7.22	8.70
	Cooling (nominal)	4.95	6.82	8.35
	High Performance Heating (UK)	7.26	9.53	11.48
	COP Priority Heating (UK)	5.34	7.00	8.44
	Cooling (UK)	3.61	4.98	6.10
COP / EER (nominal)		4.54 / 4.52	4.36 / 4.10	4.31 / 4.01
SCOP / SEER (system)		- / 5.00	- / 4.50	- / 4.48
MAX No. OF CONNECTABLE INDOOR UNITS		20	25	30
MAX CONNECTABLE CAPACITY		50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity
AIRFLOW (m³/min)	High	225	225	225
PIPE SIZE mm (in)	Gas	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")
	Liquid	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		56	57	59
SOUND POWER LEVEL (dBA)		76	77	79
WEIGHT (kg)		275	290	290
DIMENSIONS (mm)	Width	1220	1220	1220
	Depth	760	760	760
	(1650mm without legs) Height	1710	1710	1710
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
STARTING CURRENT (A)		8	8	8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating/Cooling [MAX]		8.9 / 8.0 [11.8]	11.9 / 11.2 [16.4]	14.6 / 13.6 [20.0]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~-15.5 / -5~-46	-20~-15.5 / -5~-46	-20~-15.5 / -5~-46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)		1 x 20	1 x 20	1 x 25
MAINS CABLE No. Cores		4 + earth	4 + earth	4 + earth

PRICE

£6,417

£8,023

£9,626



WY Series (8-20hp)

Heat Pump, Water Cooled Condensing Unit

CONDENSING UNITS		PQHY-P200YLM-A	PQHY-P250YLM-A	PQHY-P300YLM-A	PQHY-P350YLM-A	PQHY-P400YLM-A	PQHY-P400YSLM-A	PQHY-P450YLM-A	PQHY-P450YSLM-A	PQHY-P500YLM-A	PQHY-P500YSLM-A
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5	45.0	50.0	50.0	56.0	56.0	63.0	63.0
	Cooling (nominal)	22.4	28.0	33.5	40.0	45.0	45.0	50.0	50.0	56.0	56.0
POWER INPUT (kW)	Heating (nominal)	3.97	5.08	6.25	7.53	8.37	7.94	9.79	9.79	11.43	10.16
	Cooling (nominal)	3.71	4.90	6.04	7.14	8.03	7.70	9.29	9.29	11.17	10.12
OPERATING WATER VOLUME (m³/h)		3.0 ~ 7.2	3.0 ~ 7.2	3.0 ~ 7.2	4.5 ~ 11.6	4.5 ~ 11.6	3.0+3.0 ~ 7.2+7.2	4.5 ~ 11.6	3.0+3.0 ~ 7.2+7.2	4.5 ~ 11.6	3.0+3.0 ~ 7.2+7.2
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45
COP / EER (nominal)		6.29 / 6.03	6.20 / 5.71	6.25 / 5.54	5.97 / 5.60	5.97 / 5.60	6.29 / 5.84	5.72 / 5.38	6.24 / 5.69	5.51 / 5.01	6.20 / 5.53
SCOP / SEER (system)		6.39 / 6.26	5.92 / 7.00	6.26 / 6.60	5.84 / 5.78	5.84 / 6.30	6.11 / 6.50	5.69 / 6.82	6.16 / 6.93	5.44 / 6.82	6.06 / 7.25
MAX NO. OF CONNECTABLE INDOOR UNITS		17	21	26	30	34	36	39	39	43	43
MAX CONNECTABLE CAPACITY		50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%
PIPE SIZE mm (in)	Gas	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")
	Liquid	9.52 (3/8")	9.52 (3/8")**	9.52 (3/8")**	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
SOUND PRESSURE LEVEL (dBA)		46	48	54	52	52	49	54	50	54	51
SOUND POWER LEVEL (dBA)		60	62	68	66	66	63	70	64	70.5	65
WEIGHT (kg)		174	174	174	217	217	174 + 174	217	174 + 174	217	174 + 174
DIMENSIONS (mm)	Width	880	880	880	880	880	880 + 880	880	880 + 880	880	880 + 880
	Depth	550	550	550	550	550	550	550	550	550	550
	Height	1100	1100	1100	1450	1450	1100	1450	1100	1450	1100
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)		8	8	8	8	8	8 / 8	8	8 / 8	8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		6.1 / 5.7 [16.1]	7.8 / 7.5 [16.1]	9.6 / 9.3 [18.6]	11.6 / 11.0 [23.1]	12.9 / 12.4 [27.6]	12.2 / 11.9 [16.1+16.1]	15.1 / 14.3 [32.9]	13.8 / 13.5 [16.1+16.1]	17.6 / 17.2 [39.2]	15.7 / 15.6 [16.1+16.1]
FUSE RATING (BS88) - HRC (A)*		1 x 20A	1 x 20A	1 x 20A	1 x 25A	1 x 32A	1 x 20A / 1 x 20A	1 x 40A	1 x 20A / 1 x 20A	1 x 40A	1 x 20A / 1 x 20A
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE	£5,699	£7,022	£8,368	£9,350	£10,332	£11,479	£11,522	£12,802	£12,713	£14,125
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Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary. Condensing unit must be installed inside a building.

WY Series (22-36hp)

Heat Pump, Water Cooled Condensing Unit

CONDENSING UNITS		PQHY-P550YLM-A	PQHY-P550YSLM-A	PQHY-P600YLM-A	PQHY-P600YSLM-A	PQHY-P700YSLM-A	PQHY-P750YSLM-A	PQHY-P800YSLM-A	PQHY-P850YSLM-A	PQHY-P900YSLM-A
CAPACITY (kW)	Heating (nominal)	69.0	69.0	76.5	76.5	88.0	95.0	100.0	108.0	113.0
	Cooling (nominal)	63.0	63.0	69.0	69.0	80.0	85.0	90.0	96.0	101.0
POWER INPUT (kW)	Heating (nominal)	12.27	11.31	14.51	12.75	14.73	15.90	16.75	18.49	19.74
	Cooling (nominal)	12.54	11.55	14.49	12.84	14.73	15.64	16.57	18.03	19.38
OPERATING WATER VOLUME (m³/h)		6.0 ~ 14.4	3.0 + 3.0 ~ 7.2 + 7.2	6.0 ~ 14.4	3.0 + 3.0 ~ 7.2 + 7.2	4.5 + 4.5 ~ 11.6 + 11.6	4.5 + 4.5 ~ 11.6 + 11.6	4.5 + 4.5 ~ 11.6 + 11.6	4.5 + 4.5 ~ 11.6 + 11.6	4.5 + 4.5 ~ 11.6 + 11.6
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45
COP / EER (nominal)		5.62 / 5.02	6.10 / 5.45	5.27 / 4.76	6.00 / 5.37	5.97 / 5.43	5.97 / 5.43	5.97 / 5.43	5.84 / 5.32	5.72 / 5.21
SCOP / SEER (system)		5.54 / 6.88	5.96 / 7.35	5.68 / 6.26	6.40 / 6.95	6.02 / 6.98	6.11 / 7.05	6.31 / 6.97	6.24 / 6.83	6.65 / 6.69
MAX NO. OF CONNECTABLE INDOOR UNITS		47	47	50	50	50	50	50	50	50
MAX CONNECTABLE CAPACITY		50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	34.93 (1 3/8")	34.93 (1 3/8")	34.93 (1 3/8")	41.28 (1 5/8")	41.28 (1 5/8")
	Liquid	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
SOUND PRESSURE LEVEL (dBA)		56.5	55	56.5	57	55	55	55	56	57
SOUND POWER LEVEL (dBA)		71.5	69	73	71	69	69	69	71.5	73
WEIGHT (kg)		246	174 + 174	246	174 + 174	217 + 217	217 + 217	217 + 217	217 + 217	217 + 217
DIMENSIONS (mm)	Width	880	880 + 880	880	880 + 880	880 + 880	880 + 880	880 + 880	880 + 880	880 + 880
	Depth	550	550	550	550	550	550	550	550	550
	Height	1450	1100	1450	1100	1450	1450	1450	1450	1450
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)		8	8 / 8	8	8 / 8	8 / 8	8 / 8	8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		18.9 / 19.3 [40.5]	17.4 / 17.8 [18.6 + 16.1]	22.4 / 22.3 [40.5]	19.7 / 19.8 [18.6 + 18.6]	22.7 / 22.7 [23.1 + 23.1]	24.5 / 24.1 [27.6 + 23.1]	25.8 / 25.6 [27.6 + 27.6]	28.5 / 27.8 [29.9 + 27.6]	30.5 / 29.9 [32.9 + 32.9]
FUSE RATING (BS88) - HRC (A)*		1 x 50A	1 x 20A / 1 x 20A	1 x 50A	1 x 20A / 1 x 20A	1 x 25A / 1 x 25A	1 x 32A / 1 x 25A	1 x 32A / 1 x 32A	1 x 40A / 1 x 32A	1 x 40A / 1 x 40A
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£13,925

£15,471

£15,136

£16,817

£18,797

£19,779

£20,761

£21,951

£23,141

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary. Condensing unit must be installed inside a building.

WR2 Series (8-20hp)

Water Cooled Condensing Unit Simultaneous Heating and Cooling with Double Heat Recovery

CONDENSING UNITS		PQRY-P200YLM-A	PQRY-P250YLM-A	PQRY-P300YLM-A	PQRY-P350YLM-A	PQRY-P400YLM-A	PQRY-P400YSLM-A	PQRY-P450YLM-A	PQRY-P450YSLM-A	PQRY-P500YLM-A	PQRY-P500YSLM-A
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5	45.0	50.0	50.0	56.0	56.0	63.0	63.0
	Cooling (nominal)	22.4	28.0	33.5	40.0	45.0	45.0	50.0	50.0	56.0	56.0
POWER INPUT (kW)	Heating (nominal)	3.97	5.08	6.25	7.53	8.37	7.94	9.79	9.79	11.43	10.16
	Cooling (nominal)	3.71	4.90	6.04	7.14	8.03	7.70	9.29	9.29	11.17	10.12
OPERATING WATER VOLUME (m³/h)		3.0 ~ 7.2	3.0 ~ 7.2	3.0 ~ 7.2	4.5 ~ 11.6	4.5 ~ 11.6	3.0+3.0 ~ 7.2+7.2	4.5 ~ 11.6	3.0+3.0 ~ 7.2+7.2	4.5 ~ 11.6	3.0+3.0 ~ 7.2+7.2
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45	-5~45 / -5~45
COP / EER (nominal)		6.29 / 6.03	6.20 / 5.71	6.25 / 5.54	5.97 / 5.60	5.97 / 5.60	6.29 / 5.84	5.72 / 5.38	6.24 / 5.69	5.51 / 5.01	6.20 / 5.53
SCOP / SEER (system)		6.22 / 5.86	5.75 / 6.39	6.09 / 6.16	5.69 / 5.42	5.71 / 5.90	5.96 / 6.08	5.58 / 6.36	6.02 / 6.63	5.34 / 6.42	5.94 / 6.93
MAX NO. OF CONNECTABLE INDOOR UNITS		20	25	30	35	40	40	45	45	50	50
MAX CONNECTABLE CAPACITY		50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%
PIPE SIZE mm (in)	Gas	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")
	Liquid	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")
SOUND PRESSURE LEVEL (dBA)		46	48	54	52	52	49	54	50	54	51
SOUND POWER LEVEL (dBA)		60	62	68	66	66	63	70	64	70.5	65
WEIGHT (kg)		172	172	172	216	216	172 + 172	216	172 + 172	216	172 + 172
DIMENSIONS (mm)	Width	880	880	880	880	880	880 + 880	880	880 + 880	880	880 + 880
	Depth	550	550	550	550	550	550	550	550	550	550
	Height	1100	1100	1100	1450	1450	1100	1450	1100	1450	1100
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)		8	8	8	8	8	8 / 8	8	8 / 8	8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		6.1 / 5.7 [16.1]	7.8 / 7.5 [16.1]	9.6 / 9.3 [18.6]	11.6 / 11.0 [23.1]	12.9 / 12.4 [27.6]	122/119[16.1+16.1]	15.1 / 14.3 [32.9]	138/135[16.1+16.1]	17.6 / 17.2 [39.2]	157/156[16.1+16.1]
FUSE RATING (BS88) - HRC (A)*		1 x 20A	1 x 20A	1 x 20A	1 x 25A	1 x 32A	1 x 20A / 1 x 20A	1 x 40A	1 x 20A / 1 x 20A	1 x 40A	1 x 20A / 1 x 20A
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE	£5,699	£7,022	£8,368	£9,416	£10,464	£11,627	£11,655	£12,950	£12,846	£14,273
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Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary. Condensing unit must be installed inside a building.

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

WR2 Series (22-36hp)

Water Cooled Condensing Unit Simultaneous Heating and Cooling with Double Heat Recovery

CONDENSING UNITS		PQRY-P550YLM-A	PQRY-P550YSLM-A	PQRY-P600YLM-A	PQRY-P600YSLM-A	PQRY-P700YSLM-A	PQRY-P750YSLM-A	PQRY-P800YSLM-A	PQRY-P850YSLM-A	PQRY-P900YSLM-A
CAPACITY (kW)	Heating (nominal)	69.0	69.0	76.5	76.5	88.0	95.0	100.0	108.0	113.0
	Cooling (nominal)	63.0	63.0	69.0	69.0	80.0	85.0	90.0	96.0	101.0
POWER INPUT (kW)	Heating (nominal)	12.27	11.31	14.51	12.75	14.73	15.90	16.75	18.49	19.74
	Cooling (nominal)	12.54	11.55	14.49	12.84	14.73	15.64	16.57	18.03	19.38
OPERATING WATER VOLUME (m³/h)		6.0 ~ 14.4	3.0 + 3.0 ~ 7.2 + 7.2	6.0 ~ 14.4	3.0 + 3.0 ~ 7.2 + 7.2	4.5 + 4.5 ~ 11.6 + 11.6	4.5 + 4.5 ~ 11.6 + 11.6	4.5 + 4.5 ~ 11.6 + 11.6	4.5 + 4.5 ~ 11.6 + 11.6	4.5 + 4.5 ~ 11.6 + 11.6
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45	-5-45 / -5-45
COP / EER (nominal)		5.62 / 5.02	6.10 / 5.45	5.27 / 4.76	6.00 / 5.37	5.97 / 5.43	5.97 / 5.43	5.97 / 5.43	5.84 / 5.32	5.72 / 5.21
SCOP / SEER (system)		5.43 / 6.42	5.83 / 7.03	5.57 / 5.94	6.26 / 6.55	5.89 / 6.56	5.98 / 6.65	6.18 / 6.60	6.12 / 6.49	6.52 / 6.38
MAX NO. OF CONNECTABLE INDOOR UNITS		50	50	50	50	50	50	50	50	50
MAX CONNECTABLE CAPACITY		50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%	50 ~ 150%
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")	34.93 (1 3/8")	34.93 (1 3/8")	34.93 (1 3/8")	34.93 (1 3/8")	34.93 (1 3/8")	41.28 (1 5/8")	41.28 (1 5/8")
	Liquid	22.2 (7/8")**	22.2 (7/8")**	22.2 (7/8")**	22.2 (7/8")**	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8")
SOUND PRESSURE LEVEL (dBA)		56.5	55	56.5	57	55	55	55	56	57
SOUND POWER LEVEL (dBA)		71.5	69	73	71	69	69	69	71.5	73
WEIGHT (kg)		246	172 + 172	246	172 + 172	216 + 216	216 + 216	216 + 216	216 + 216	216 + 216
DIMENSIONS (mm)	Width	880	880 + 880	880	880 + 880	880 + 880	880 + 880	880 + 880	880 + 880	880 + 880
	Depth	550	550	550	550	550	550	550	550	550
	Height	1450	1100	1450	1100	1450	1450	1450	1450	1450
ELECTRICAL SUPPLY*		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE*		Three	Three	Three	Three	Three	Three	Three	Three	Three
STARTING CURRENT (A)		8	8 / 8	8	8 / 8	8 / 8	8 / 8	8 / 8	8 / 8	8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		18.9 / 19.3 [40.5]	17.4 / 17.8 [16.6+16.1]	22.4 / 22.3 [40.5]	19.7 / 19.8 [18.6+18.6]	22.7 / 22.7 [23.1+23.1]	24.5 / 24.1 [27.6+23.1]	25.8 / 25.6 [27.6+27.6]	28.5 / 27.8 [29.9+27.6]	30.5 / 29.9 [32.9+32.9]
FUSE RATING (BS88) - HRC (A)*		1 x 50A	1 x 20A / 1 x 20A	1 x 50A	1 x 20A / 1 x 20A	1 x 25A / 1 x 25A	1 x 32A / 1 x 25A	1 x 32A / 1 x 32A	1 x 40A / 1 x 32A	1 x 40A / 1 x 40A
MAINS CABLE No. Cores*		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth



PRICE

£14,058

£15,619

£15,268

£16,965

£19,108

£20,156

£21,204

£22,395

£23,586

Note: * A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules. Price includes Twinning Kit where necessary. Condensing unit must be installed inside a building.

PFD-P-VM-E (10/20hp)

Close Control System

CLOSE CONTROL UNITS		PFD-P250VM-E	PFD-P500VM-E ^{*1}
CAPACITY (kW)	Cooling (nominal)	28.0	56.0
SHF	(nominal)	0.93	0.93
POWER INPUT (kW)	Cooling (nominal)	2.5	5.0
AIRFLOW (l/s)	High	2667	5334
EXTERNAL STATIC PRESSURE (Pa)		120	120
PIPE SIZE mm (in)	Gas	22.2 (7/8")	22.2 (7/8") ^{*2}
	Liquid	9.52 (3/8")	9.52 (3/8") ^{*2}
SOUND PRESSURE LEVEL (dBA)		59	63
WEIGHT (kg)		380	520
DIMENSIONS (mm)	Width	1380	1980
	Depth	780	780
	Height	1950	1950
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz
PHASE		3	3
STARTING CURRENT (A)		47	68
RUNNING CURRENT (A)	Cooling	4.9	8.7
FUSE RATING (BS88) - HRC (A)		16	20
MAINS CABLE No. Cores		4 + earth	4 + earth

PRICE	£9,114	£10,376
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PIPING RESTRICTIONS	PFD-P-VM-E
TOTAL PIPING LENGTH	165m max
BETWEEN INDOOR AND OUTDOOR UNITS - HEIGHT	50m max (40m max if outdoor installed below)

Notes: ^{*1} 2 x PUHY-P250YJM-A units are needed when connected to a PFD-P500VM-E.
^{*2} PFD-P500VM-E uses two refrigerant circuits. Pipe sizes are per single refrigerant circuit.



PLFY-P-VEM-E

4-Way Blow Ceiling Cassette Indoor Unit

INDOOR UNITS		PLFY-P32VEM-E	PLFY-P40VEM-E	PLFY-P50VEM-E	PLFY-P63VEM-E	PLFY-P80VEM-E	PLFY-P100VEM-E	PLFY-P125VEM-E
CAPACITY (kW)	Heating (nominal)	4.0	5.0	6.3	8.0	10.0	12.5	16.0
	Cooling (nominal)	3.6	4.5	5.6	7.1	9.0	11.2	14.0
	UK Heating	4.0	5.0	6.3	8.0	10.0	12.5	16.0
	UK Total Cooling - Hi (Sensible)	3.20 (-)	4.10 (-)	5.00 (-)	6.40 (-)	8.10 (-)	10.10 (-)	12.60 (-)
	UK Total Cooling - Mi2	-	-	-	-	-	-	-
	UK Total Cooling - Mi1	-	-	-	-	-	-	-
	UK Total Cooling - Lo	-	-	-	-	-	-	-
POWER INPUT (kW)	UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)	-	-	-	-	-	-	-
	Heating (nominal)	0.03	0.03	0.03	0.03	0.05	0.07	0.11
AIRFLOW (l/s)	Cooling (nominal)	0.03	0.03	0.03	0.03	0.05	0.07	0.11
	Lo-Mi1-Mi2-Hi	217-233-250-267	217-233-250-283	217-233-267-300	233-250-267-300	233-283-333-383	333-383-433-483	367-433-500-583
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	26-27-29-31	26-27-29-31	26-27-29-31	28-29-30-32	28-31-34-37	34-37-39-41	35-39-42-45
	(Grille)	19(5)	19(5)	19(5)	21(5)	21(5)	24(5)	24(5)
DIMENSIONS (mm)	Width (Grille)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Depth (Grille)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Height (Grille)	258 (40)	258 (40)	258 (40)	258 (40)	258 (40)	298 (40)	298 (40)
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)	Heating	0.25	0.25	0.25	0.29	0.43	0.60	0.99
	Cooling	0.32	0.32	0.32	0.36	0.50	0.67	1.06
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3	3
GRILLE MODEL REFERENCE		PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA



PRICE

£768

£829

£869

£916

£977

£1,060

£1,321

Note: Indoor price includes PLP-6EA grille.

* Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature.

Please consult with your sales office for application of this feature. The data for this model is available separately.

PLFY-P-VFM-E

600x600 4-Way Blow Ceiling Cassette Indoor Unit

INDOOR UNITS		PLFY-P15VFM-E	PLFY-P20VFM-E	PLFY-P25VFM-E	PLFY-P32VFM-E	PLFY-P40VFM-E	PLFY-P50VFM-E
CAPACITY (kW)	Heating (nominal)	1.9	2.5	3.2	4.0	5.0	6.3
	Cooling (nominal)	1.7	2.2	2.8	3.6	4.5	5.6
	UK Heating	1.9	2.5	3.2	4.0	5.0	6.3
	UK Total Cooling - Hi (Sensible)	1.50 (1.30)	2.00 (1.60)	2.50 (2.00)	3.20 (2.40)	4.00 (2.90)	5.00 (3.60)
	UK Total Cooling - Mi1	1.48	1.94	2.38	3.06	3.78	4.78
	UK Total Cooling - Lo	1.41	1.84	2.24	2.91	3.51	4.41
	UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
POWER INPUT (kW)	Heating (nominal)	0.02	0.02	0.02	0.02	0.03	0.03
	Cooling (nominal)	0.02	0.02	0.02	0.02	0.03	0.03
AIRFLOW (l/s)	Lo-Mi-Hi	108-125-133	108-125-142	108-133-150	117-133-158	125-150-183	150-183-217
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	26-28-30	26-29-31	26-30-33	26-30-34	28-33-39	33-39-43
WEIGHT (kg)	(Grille)	14 (3)	14 (3)	14 (3)	15 (3)	15 (3)	15 (3)
DIMENSIONS (mm)	Width (Grille)	570 (625)	570 (625)	570 (625)	570 (625)	570 (625)	570 (625)
	Depth (Grille)	570 (625)	570 (625)	570 (625)	570 (625)	570 (625)	570 (625)
	Height (Grille)	245 (10)	245 (10)	245 (10)	245 (10)	245 (10)	245 (10)
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)	Heating / Cooling	0.14 / 0.19	0.16 / 0.21	0.17 / 0.22	0.18 / 0.23	0.23 / 0.28	0.35 / 0.4
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3
GRILLE MODEL REFERENCE		SLP-2FA	SLP-2FA	SLP-2FA	SLP-2FA	SLP-2FA	SLP-2FA



PRICE	£657	£667	£681	£698	£754	£835
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Note: Indoor price includes SLP-2FA grille.
* Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature.
Please consult with your sales office for application of this feature. The data for this model is available separately.

PEFY-P-VMS1-E

Ultra Thin Ceiling Concealed Ducted Indoor Unit

INDOOR UNITS		PEFY-P15VMS1-E	PEFY-P20VMS1-E	PEFY-P25VMS1-E	PEFY-P32VMS1-E	PEFY-P40VMS1-E	PEFY-P50VMS1-E	PEFY-P63VMS1-E
CAPACITY (kW)	Heating (nominal)	1.9	2.5	3.2	4.0	5.0	6.3	8.0
	Cooling (nominal)	1.7	2.2	2.8	3.6	4.5	5.6	7.1
	UK Heating	1.9	2.5	3.2	4.0	5.0	6.3	8.0
	UK Total Cooling - Hi (Sensible)	1.50 (1.40)	2.00 (1.70)	2.50 (2.10)	3.20 (2.50)	4.10 (3.00)	5.00 (3.70)	6.40 (4.70)
	UK Total Cooling - M2	-	-	-	-	-	-	-
	UK Total Cooling - M1	1.44	1.89	2.32	2.99	3.95	4.78	6.13
	UK Total Cooling - Lo	1.34	1.76	2.07	2.63	3.70	4.51	5.77
UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)		1.3 (1.3)	1.7 (1.6)	2.1 (1.9)	2.7 (2.3)	3.4 (2.7)	4.2 (3.3)	5.4 (4.2)
POWER INPUT (kW)	Heating (nominal)	0.03	0.03	0.04	0.05	0.05	0.07	0.07
	Cooling (nominal)	0.05	0.05	0.06	0.07	0.07	0.09	0.09
AIRFLOW (l/s)	Lo-Mi-Hi	83-100-117	91-108-133	91-117-150	100-133-167	133-158-183	158-183-217	200-233-275
EXTERNAL STATIC PRESSURE (Pa)		5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50
SOUND PRESSURE LEVEL (dBA)** Lo-Mi-Hi		22-24-28	22-25-29	24-26-30	24-27-32	28-30-33	30-32-35	30-33-36
WEIGHT (kg)		19	19	19	20	24	24	28
DIMENSIONS (mm)	Width	790	790	790	790	990	990	1190
	Depth	700	700	700	700	700	700	700
	Height	200	200	200	200	200	200	200
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A) Heating / Cooling		0.31 / 0.42	0.36 / 0.47	0.39 / 0.50	0.39 / 0.50	0.45 / 0.56	0.56 / 0.67	0.61 / 0.72
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3	3



PRICE

£558

£575

£592

£600

£639

£665

£685

Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature.
 Please consult with your sales office for application of this feature.

** Additional sound data is available for this model. Separated inlet and breakout sound power level and discharge sound power level data is available on request.

PEFY-P-VMA-E

Ceiling Concealed Ducted Indoor Unit

INDOOR UNITS		PEFY-P20VMA-E	PEFY-P25VMA-E	PEFY-P32VMA-E	PEFY-P40VMA-E	PEFY-P50VMA-E	PEFY-P63VMA-E	PEFY-P80VMA-E	PEFY-P100VMA-E	PEFY-P125VMA-E
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
	Cooling (nominal)	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
	UK Heating	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
	UK Total Cooling - Hi (Sensible)	2.00 (1.80)	2.50 (2.00)	3.20 (2.50)	4.10 (3.30)	5.00 (4.10)	6.40 (5.10)	8.10 (5.90)	10.10 (8.10)	12.60 (9.90)
	UK Total Cooling - Mi2	-	-	-	-	-	-	-	-	-
	UK Total Cooling - Mi1	1.94	2.42	3.07	3.94	4.80	6.11	7.78	9.67	12.07
	UK Total Cooling - Lo	1.78	2.22	2.86	3.67	4.45	5.71	7.14	8.93	11.17
POWER INPUT (kW)	UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)	1.7 (1.7)	2.1 (1.8)	2.7 (2.2)	3.4 (3.0)	4.2 (3.7)	5.4 (4.6)	6.8 (5.3)	8.5 (7.4)	10.6 (9.0)
	Heating (nominal)	0.04	0.04	0.05	0.07	0.09	0.10	0.12	0.22	0.32
AIRFLOW (l/s)	Cooling (nominal)	0.06	0.06	0.07	0.09	0.11	0.12	0.14	0.24	0.34
	Lo-Mi-Hi	100-125-142	100-125-142	125-150-175	167-200-233	200-242-283	225-267-317	242-300-350	383-467-550	467-567-667
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)** (50Pa) Lo-Mi-Hi		23-25-26	23-25-26	23-26-29	23-27-30	25-29-32	25-29-33	26-29-34	28-33-37	32-36-40
WEIGHT (kg)		23	23	23	26	26	32	32	42	42
DIMENSIONS (mm)	Width	700	700	700	900	900	1100	1100	1400	1400
	Depth	732	732	732	732	732	732	732	732	732
	Height	250	250	250	250	250	250	250	250	250
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A) Heating / Cooling		0.42 / 0.53	0.42 / 0.53	0.44 / 0.55	0.53 / 0.64	0.63 / 0.74	0.90 / 1.01	1.04 / 1.15	1.36 / 1.47	1.94 / 2.05
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3	3	3	3



PRICE	£594	£609	£617	£657	£684	£706	£806	£892	£1,021
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Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature. Please consult with your sales office for application of this feature.

** Additional sound data is available for this model. Separated inlet and breakout sound power level and discharge sound power level data is available on request.

PEFY-P-VMH(S)-E

High Static Pressure Ceiling Concealed Ducted Indoor Unit

INDOOR UNITS		PEFY-P80VMH-E	PEFY-P100VMH-E	PEFY-P125VMH-E	PEFY-P140VMH-E	PEFY-P200VMHS-E	PEFY-P250VMHS-E
CAPACITY (kW)	Heating (nominal)	10.0	12.5	16.0	18.0	25.0	31.5
	Cooling (nominal)	9.0	11.2	14.0	16.0	22.4	28.0
	UK Heating	10.0	12.5	16.0	18.0	25.0	31.5
	UK Total Cooling - Hi (Sensible)	8.10 (6.10)	10.10 (8.30)	12.60 (9.50)	14.40 (10.80)	20.20 (15.60)	25.20 (19.30)
	UK Total Cooling - M2	-	-	-	-	-	-
	UK Total Cooling - M1	-	-	-	-	19.33	24.10
	UK Total Cooling - Lo	7.27	8.95	11.16	12.77	17.84	22.21
UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)		-	-	-	-	-	-
POWER INPUT (kW)	Heating (nominal)	0.32	0.48	0.48	0.48	0.63	0.82
	Cooling (nominal)	0.32	0.48	0.48	0.48	0.63	0.82
AIRFLOW (l/s)	Lo-Hi	300-417	442-633	442-633	467-667	833-1017-1200	967-1183-1400
	EXTERNAL STATIC PRESSURE (Pa)	100-150-200	100-150-200	100-150-200	100-150-200	50-100-150-200-250	50-100-150-200-250
SOUND PRESSURE LEVEL (dBA) (150Pa)		38-43	38-44	38-44	38-44	36-39-43	39-42-46
WEIGHT (kg)		50	70	70	70	97	100
DIMENSIONS (mm)	Width	1000	1200	1200	1200	1250	1250
	Depth	900	900	900	900	1120	1120
	Height	380	380	380	380	470	470
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A) Heating / Cooling		1.47 / 1.47	2.34 / 2.34	2.34 / 2.34	2.35 / 2.35	3.18 / 3.18	4.14 / 4.14
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3



PRICE

£1,213

£1,342

£1,537

£1,691

£2,300

£2,332

Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature.

Please consult with your sales office for application of this feature. The data for this model is available separately.

PCFY-P-VKM-E

Ceiling Suspended Indoor Unit

INDOOR UNITS		PCFY-P40VKM-E	PCFY-P63VKM-E	PCFY-P100VKM-E	PCFY-P125VKM-E
CAPACITY (kW)	Heating (nominal)	5.0	8.0	12.5	16.0
	Cooling (nominal)	4.5	7.1	11.2	14.0
	UK Heating	5.0	8.0	12.5	16.0
	UK Total Cooling - Hi (Sensible)	4.10 (3.00)	6.40 (4.60)	10.10 (7.10)	12.60 (8.90)
	UK Total Cooling - Mi2	4.03	6.22	9.94	12.17
	UK Total Cooling - Mi1	3.92	6.09	9.70	11.66
	UK Total Cooling - Lo	3.79	5.93	9.23	11.00
UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)		-	-	-	-
POWER INPUT (kW)	Heating (nominal)	0.04	0.05	0.09	0.11
	Cooling (nominal)	0.04	0.05	0.09	0.11
AIRFLOW (l/s)	Lo-Mi1-Mi2-Hi	167-183-200-217	233-250-267-300	350-400-433-467	350-400-450-517
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	29-32-34-36	31-33-35-37	36-38-41-43	36-39-42-44
WEIGHT (kg)		24	32	36	38
DIMENSIONS (mm)	Width	960	1280	1600	1600
	Depth	680	680	680	680
	Height	230	230	230	230
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single
RUNNING CURRENT (A)	Heating / Cooling	0.28 / 0.28	0.33 / 0.33	0.65 / 0.65	0.76 / 0.76
FUSE RATING (BS88) - HRC (A)		6	6	6	6
MAINS CABLE No. Cores		3	3	3	3
PRICE		£935	£1,037	£1,288	£1,638

Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature. Please consult with your sales office for application of this feature. The data for this model is available separately.



PKFY-P-VBM-E / VHM-E / VKM-E

Wall Mounted Indoor Units

INDOOR UNITS		PKFY-P15VBM-E	PKFY-P20VBM-E	PKFY-P25VBM-E	PKFY-P32VHM-E	PKFY-P40VHM-E	PKFY-P50VHM-E	PKFY-P63VKM-E
CAPACITY (kW)	Heating (nominal)	1.9	2.5	3.2	4.0	5.0	6.3	8.0
	Cooling (nominal)	1.7	2.2	2.8	3.6	4.5	5.6	7.1
	UK Heating	1.9	2.5	3.2	4.0	5.0	6.3	8.0
	UK Total Cooling - Hi (Sensible)	1.50 (1.10)	2.00 (1.40)	2.50 (1.80)	3.20 (2.50)	4.10 (3.10)	5.00 (3.60)	6.40 (5.00)
	UK Total Cooling - M12	1.50	1.98	2.47	-	-	-	-
	UK Total Cooling - M11	1.48	1.94	2.43	3.13	4.01	4.84	-
	UK Total Cooling - Lo	1.48	1.91	2.38	3.03	3.81	4.57	6.01
	UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)	1.3 (1.0)	1.7 (1.3)	2.1 (1.6)	2.7 (2.3)	3.4 (2.8)	4.2 (3.2)	5.4 (4.5)
POWER INPUT (kW)	Heating (nominal)	0.04	0.04	0.04	0.03	0.03	0.03	0.04
	Cooling (nominal)	0.04	0.04	0.04	0.04	0.04	0.04	0.05
AIRFLOW (l/s)	Lo-M11-M12-Hi	82-83-87-88	82-87-93-98	82-87-93-98	150-167-183	150-175-192	150-175-200	267-333
SOUND PRESSURE LEVEL (dBA)	Lo-M11-M12-Hi	29-31-32-33	29-31-34-36	29-31-34-36	34-37-41	34-38-41	34-39-43	39-45
WEIGHT (kg)		10	10	10	13	13	13	21
DIMENSIONS (mm)	Width	815	815	815	898	898	898	1170
	Depth	225	225	225	249	249	249	295
	Height	295	295	295	295	295	295	365
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)	Heating / Cooling	0.20 / 0.20	0.20 / 0.20	0.20 / 0.20	0.30 / 0.40	0.30 / 0.40	0.30 / 0.40	0.30 / 0.37
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3	3



PRICE	£459	£467	£479	£484	£497	£524	£549
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Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(EP) YKB/YLM and PURY-(EP) YLM models have an option for 6°C and 14°C Evaporation Temperature. Please consult with your sales office for application of this feature. The data for this model is available separately.

PKFY-P15/20/25VBM-E should not be used with PUMY-P and PUHY-(EP) models in sound sensitive spaces (such as hotel bedrooms).

PFFY-P-VLRM-E

Floor Standing Concealed Indoor Unit

INDOOR UNITS		PFFY-P20VLRM-E	PFFY-P25VLRM-E	PFFY-P32VLRM-E	PFFY-P40VLRM-E	PFFY-P50VLRM-E	PFFY-P63VLRM-E
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0	6.3	8.0
	Cooling (nominal)	2.2	2.8	3.6	4.5	5.6	7.1
	UK Heating	2.5	3.2	4.0	5.0	6.3	8.0
	UK Total Cooling - Hi (Sensible)	2.00 (1.60)	2.50 (1.90)	3.20 (2.40)	4.10 (3.00)	5.00 (3.80)	6.40 (4.70)
	UK Total Cooling - Mi2	-	-	-	-	-	-
	UK Total Cooling - Mi1	-	-	-	-	-	-
	UK Total Cooling - Lo	1.92	2.40	2.97	3.88	4.81	5.93
POWER INPUT (kW)							
POWER INPUT (kW)	Heating (nominal)	0.04	0.04	0.06	0.065	0.085	0.10
	Cooling (nominal)	0.04	0.04	0.06	0.065	0.085	0.10
AIRFLOW (l/s)	Lo-Hi	92-108	92-108	117-150	150-183	200-233	200-258
SOUND PRESSURE LEVEL** (dBA)	Lo-Hi	34-40	34-40	35-40	38-43	38-43	40-46
WEIGHT (kg)		18.5	18.5	20	21	25	27
DIMENSIONS (mm)	Width	886	886	1006	1006	1246	1246
	Depth	220	220	220	220	220	220
	Height	639	639	639	639	639	639
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)	Heating / Cooling	0.19 / 0.19	0.19 / 0.19	0.29 / 0.29	0.32 / 0.32	0.40 / 0.40	0.46 / 0.46
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3



PRICE	£640	£649	£661	£685	£693	£734
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Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature. Please consult with your sales office for application of this feature. The data for this model is available separately.

** Additional sound data is available for this model. Separated inlet and breakout sound power level and discharge sound power level data is available on request.

PFFY-P-VLRMM-E

Floor Standing Concealed Indoor Unit

INDOOR UNITS		PFFY-P20VLRMM-E	PFFY-P25VLRMM-E	PFFY-P32VLRMM-E	PFFY-P40VLRMM-E	PFFY-P50VLRMM-E	PFFY-P63VLRMM-E
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0	6.3	8.0
	Cooling (nominal)	2.2	2.8	3.6	4.5	5.6	7.1
	UK Heating	2.5	3.2	4.0	5.0	6.3	8.0
	UK Total Cooling - Hi (Sensible)	2.00 (1.60)	2.50 (1.90)	3.20 (2.40)	4.10 (3.00)	5.00 (3.80)	6.40 (4.70)
	UK Total Cooling - Mi2	-	-	-	-	-	-
	UK Total Cooling - Mi1	1.92	2.40	3.05	3.95	4.81	6.11
	UK Total Cooling - Lo	1.77	2.21	2.87	3.70	4.48	5.71
POWER INPUT (kW)	UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)	-	-	-	-	-	-
	Heating (nominal)	0.04	0.04	0.04	0.05	0.05	0.07
AIRFLOW (l/s)	Cooling (nominal)	0.04	0.04	0.04	0.05	0.05	0.07
	Lo-Mi-Hi	75-92-108	75-92-108	108-125-150	133-158-183	167-200-233	183-217-258
EXTERNAL STATIC PRESSURE (Pa)		20-40-60	20-40-60	20-40-60	20-40-60	20-40-60	20-40-60
SOUND PRESSURE LEVEL (dBA)** (20Pa) Lo-Mi-Hi		31-36-40	31-36-40	27-32-37	30-36-40	32-37-41	35-40-44
WEIGHT (kg)		18.5	18.5	20	21	25	27
DIMENSIONS (mm)	Width	886	886	1006	1006	1246	1246
	Depth	220	220	220	220	220	220
	Height	639	639	639	639	639	639
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A) Heating / Cooling		0.34 / 0.34	0.34 / 0.34	0.38 / 0.38	0.43 / 0.43	0.48 / 0.48	0.59 / 0.59
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3



PRICE

£769

£779

£791

£826

£830

£883

Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature. Please consult with your sales office for application of this feature. The data for this model is available separately.

** Additional sound data is available for this model. Separated inlet and breakout sound power level and discharge sound power level data is available on request.

PFFY-P-VLEM-E

Floor Standing Exposed Indoor Unit

INDOOR UNITS		PFFY-P20VLEM-E	PFFY-P25VLEM-E	PFFY-P32VLEM-E	PFFY-P40VLEM-E	PFFY-P50VLEM-E	PFFY-P63VLEM-E
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0	6.3	8.0
	Cooling (nominal)	2.2	2.8	3.6	4.5	5.6	7.1
	UK Heating	2.5	3.2	4.0	5.0	6.3	8.0
	UK Total Cooling - Hi (Sensible)	2.00 (1.60)	2.50 (1.90)	3.20 (2.40)	4.10 (3.00)	5.00 (3.80)	6.40 (4.70)
	UK Total Cooling - Mi2	-	-	-	-	-	-
	UK Total Cooling - Mi1	-	-	-	-	-	-
	UK Total Cooling - Lo	1.92	2.40	2.97	3.88	4.81	5.93
POWER INPUT (kW)	UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)	-	-	-	-	-	-
POWER INPUT (kW)	Heating (nominal)	0.04	0.04	0.06	0.065	0.085	0.10
	Cooling (nominal)	0.04	0.04	0.06	0.065	0.085	0.10
AIRFLOW (l/s)	Lo-Hi	92-108	92-108	117-150	150-183	200-233	200-258
SOUND PRESSURE LEVEL (dBA)	Lo-Hi	34-40	34-40	35-40	38-43	38-43	40-46
WEIGHT (kg)		23	23	25	26	30	32
DIMENSIONS (mm)	Width	1050	1050	1170	1170	1410	1410
	Depth	220	220	220	220	220	220
	Height	630	630	630	630	630	630
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A) Heating / Cooling		0.19 / 0.19	0.19 / 0.19	0.29 / 0.29	0.32 / 0.32	0.40 / 0.40	0.46 / 0.46
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3

PRICE	£717	£729	£745	£770	£778	£826
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Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature.
Please consult with your sales office for application of this feature. The data for this model is available separately.



PFFY-P-VKM-E

Floor Standing Exposed Indoor Unit

INDOOR UNITS		PFFY-P20VKM-E	PFFY-P25VKM-E	PFFY-P32VKM-E	PFFY-P40VKM-E
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0
	Cooling (nominal)	2.2	2.8	3.6	4.5
	UK Heating	2.5	3.2	4.0	5.0
	UK Total Cooling - Hi (Sensible)	2.00 (1.60)	2.50 (1.90)	3.20 (2.30)	4.10 (2.90)
	UK Total Cooling - Mi2	1.94	2.42	3.10	3.98
	UK Total Cooling - Mi1	1.86	2.31	2.96	3.92
	UK Total Cooling - Lo	1.75	2.17	2.78	3.74
POWER INPUT (kW)	UK Total Cooling - Hi (Sensible) (Raised Evaporation Temperature*)	-	-	-	-
	Heating (nominal)	0.025	0.025	0.025	0.028
AIRFLOW (l/s)	Cooling (nominal)	0.025	0.025	0.025	0.028
	Lo-Mi1-Mi2-Hi	98-113-127-145	102-117-133-152	102-117-133-152	133-150-158-178
SOUND PRESSURE LEVEL (dBA) Lo-Mi1-Mi2-Hi		27-31-34-37	28-32-35-38	28-32-35-38	35-38-42-44
WEIGHT (kg)		15	15	15	15
DIMENSIONS (mm)	Width	700	700	700	700
	Depth	200	200	200	200
	Height	600	600	600	600
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single
RUNNING CURRENT (A) Heating / Cooling		0.20 / 0.20	0.20 / 0.20	0.20 / 0.20	0.24 / 0.24
FUSE RATING (BS88) - HRC (A)		6	6	6	6
MAINS CABLE No. Cores		3	3	3	3
PRICE		£681	£694	£708	£731



Notes: * Figures shown using 9°C Raised Evaporation Temperature. PUHY-(E)P YKB/YLM and PURY-(E)P YLM models have an option for 6°C and 14°C Evaporation Temperature. Please consult with your sales office for application of this feature. The data for this model is available separately.

PLFY-WP-VBM-E (HVRF)

4-Way Blow Ceiling Cassette Indoor Unit



INDOOR UNITS		PLFY-WP32VBM-E	PLFY-WP40VBM-E	PLFY-WP50VBM-E
CAPACITY (kW)	Heating (nominal)	4.0	5.0	6.3
	Cooling (nominal)	3.6	4.5	5.6
	UK Heating	4.0	5.0	6.3
	UK Total Cooling - Hi (Sensible)	3.20 (3.20)	4.00 (3.60)	5.00 (4.20)
	UK Total Cooling - Mi2	3.16	3.95	4.87
	UK Total Cooling - Mi1	3.09	3.87	4.66
POWER INPUT (kW)	UK Total Cooling - Lo	3.02	3.77	4.39
	Heating (nominal)	0.03	0.03	0.04
	Cooling (nominal)	0.04	0.04	0.05
AIRFLOW (l/s)	Lo-Mi1-Mi2-Hi	217-233-250-267	217-233-250-267	217-250-283-317
SOUND PRESSURE LEVEL (dBA)	Lo-Mi1-Mi2-Hi	27-29-30-31	27-29-30-31	27-30-32-34
WEIGHT (kg)		22	22	22
DIMENSIONS (mm)	Width	840	840	840
	Depth	840	840	840
	Height	258	258	258
ELECTRICAL SUPPLY		220-240v, 50/60Hz	220-240v, 50/60Hz	220-240v, 50/60Hz
PHASE		Single	Single	Single
RUNNING CURRENT (A)	Heating / Cooling	0.28 / 0.35	0.28 / 0.35	0.38 / 0.45
FUSE RATING (BS88) - HRC (A)		6	6	6
MAINS CABLE No. Cores		3	3	3
GRILLE MODEL REFERENCE		PLP-6BA	PLP-6BA	PLP-6BA
PRICE		£829	£897	£940

Notes: Indoor price includes PLP-6BA grille. HVRF indoor units can only be configured with the CMB-WP HBC (HVRF) and PURY-(EP) YLM-A or PQRY-P YLM-A outdoor units.
Indoor unit water connections 3/4" BSP screw.

PEFY-WP-VMS1-E (HVRF)

Ultra Thin Ceiling Concealed Ducted Indoor Unit

INDOOR UNITS		PEFY-WP15VMS1-E	PEFY-WP20VMS1-E	PEFY-WP25VMS1-E	PEFY-WP32VMS1-E	PEFY-WP40VMS1-E	PEFY-WP50VMS1-E
CAPACITY (kW)	Heating (nominal)	1.9	2.5	3.2	4.0	5.0	6.3
	Cooling (nominal)	1.7	2.2	2.8	3.6	4.5	5.6
	UK Heating	1.9	2.5	3.2	4.0	5.0	6.3
	UK Total Cooling - Hi (Sensible)	1.50 (1.50)	2.00 (1.70)	2.50 (2.00)	3.20 (2.70)	4.00 (3.20)	5.00 (4.00)
	UK Total Cooling - Mi2	-	-	-	-	-	-
	UK Total Cooling - Mi1	1.44	1.89	2.32	3.03	3.82	4.79
POWER INPUT (kW)	UK Total Cooling - Lo	1.34	1.76	2.08	2.88	3.61	4.51
	Heating (nominal)	0.03	0.03	0.04	0.05	0.07	0.07
	Cooling (nominal)	0.05	0.05	0.06	0.07	0.09	0.09
AIRFLOW (l/s)	Lo-Mi-Hi	83-100-117	92-108-133	92-117-150	133-150-183	158-183-217	200-233-275
EXTERNAL STATIC PRESSURE (Pa)		5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50
SOUND PRESSURE LEVEL (dBA) Lo-Mi-Hi		22-24-28	22-25-29	23-26-30	28-30-33	30-32-35	30-33-36
WEIGHT (kg)		19	20	20	25	25	27
DIMENSIONS (mm)	Width	790	790	790	990	990	1190
	Depth	700	700	700	700	700	700
	Height	200	200	200	200	200	200
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A) Heating / Cooling		0.33 / 0.44	0.38 / 0.49	0.40 / 0.51	0.50 / 0.61	0.62 / 0.73	0.66 / 0.77
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3
PRICE		£587	£604	£621	£630	£671	£698

Notes: HVRF indoor units can only be configured with the CMB-WP HBC (HVRF) and PURY(E)P YLM-A or PQRY-P YLM-A outdoor units. Indoor unit water connections 3/4" BSP screw.



PEFY-WP-VMA-E (HVRF)

Ceiling Concealed Ducted Indoor Unit



INDOOR UNITS		PEFY-WP20VMA-E	PEFY-WP25VMA-E	PEFY-WP32VMA-E	PEFY-WP40VMA-E	PEFY-WP50VMA-E
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0	6.3
	Cooling (nominal)	2.2	2.8	3.6	4.5	5.6
	UK Heating	2.5	3.2	4.0	5.0	6.3
	UK Total Cooling - Hi (Sensible)	2.00 (1.80)	2.50 (2.50)	3.20 (3.00)	4.00 (3.80)	5.00 (4.20)
	UK Total Cooling - Mi2	-	-	-	-	-
	UK Total Cooling - Mi1	1.92	2.40	3.07	3.84	4.80
POWER INPUT (kW)	UK Total Cooling - Lo	1.79	2.24	2.85	3.53	4.41
	Heating (nominal)	0.05	0.09	0.11	0.14	0.14
AIRFLOW (l/s)	Cooling (nominal)	0.07	0.09	0.11	0.14	0.14
	Lo-Mi-Hi	125-150-175	167-200-233	200-242-283	242-300-350	242-300-350
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA) (50Pa) Lo-Mi-Hi		23-26-29	23-27-30	25-29-32	26-29-34	26-29-34
WEIGHT (kg)		21	26	26	31	31
DIMENSIONS (mm)	Width	700	900	900	1100	1100
	Depth	732	732	732	732	732
	Height	250	250	250	250	250
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single
RUNNING CURRENT (A) Heating / Cooling		0.44 / 0.55	0.53 / 0.64	0.63 / 0.74	1.04 / 1.15	1.15 / 1.15
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3

PRICE	£653	£671	£678	£723	£753
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Notes: HVRF indoor units can only be configured with the CMB-WP HBC (HVRF) and PURY-(E)P YLM-A or PQRY-P YLM-A outdoor units. Indoor unit water connections 3/4" BSP screw.

PFFY-WP-VLRMM-E (HVRF)

Floor Standing Concealed Indoor Unit

INDOOR UNITS		PFFY-WP20VLRMM-E	PFFY-WP25VLRMM-E	PFFY-WP32VLRMM-E	PFFY-WP40VLRMM-E	PFFY-WP50VLRMM-E
CAPACITY (kW)	Heating (nominal)	2.5	3.2	4.0	5.0	6.3
	Cooling (nominal)	2.2	2.8	3.6	4.5	5.6
	UK Heating	2.5	3.2	4.0	5.0	6.3
	UK Total Cooling - Hi (Sensible)	2.00 (1.50)	2.50 (2.00)	3.20 (2.50)	4.00 (3.10)	5.00 (3.90)
	UK Total Cooling - Mi2	-	-	-	-	-
	UK Total Cooling - Mi1	1.96	2.42	3.07	3.86	4.82
POWER INPUT (kW)	UK Total Cooling - Lo	1.83	2.29	2.86	3.53	4.43
	Heating (nominal)	0.04	0.04	0.05	0.05	0.07
	Cooling (nominal)	0.04	0.04	0.05	0.05	0.07
AIRFLOW (l/s)	Lo-Mi-Hi	75-83-100	100-117-133	125-150-175	133-167-192	175-217-250
EXTERNAL STATIC PRESSURE (Pa)		20-40-60	20-40-60	20-40-60	20-40-60	20-40-60
SOUND PRESSURE LEVEL (dBA) (20Pa)	Lo-Mi-Hi	31-33-38	31-33-38	31-35-38	34-37-40	37-42-45
WEIGHT (kg)		22	25	25	29	29
DIMENSIONS (mm)	Width	886	1006	1006	1246	1246
	Depth	220	220	220	220	220
	Height	639	639	639	639	639
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single
RUNNING CURRENT (A)	Heating / Cooling	0.35 / 0.35	0.35 / 0.35	0.47 / 0.47	0.47 / 0.47	0.65 / 0.65
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3



PRICE

£846

£857

£870

£908

£913

Notes: HVRF indoor units can only be configured with the CMB-WP HBC (HVRF) and PURY-(E)P YLM-A or PQRY-P YLM-A outdoor units. Indoor unit water connections 3/4" BSP screw.

GUF-RD4

Lossnay Outdoor Air Processing Indoor Unit

INDOOR UNITS		GUF-50RD4	GUF-100RD4
CAPACITY (kW)	Heating (nominal)	6.21 (2.04)	12.56 (4.26)
	Cooling (nominal)	5.57 (1.94)	11.44 (4.12)
	UK Heating (High Performance)	6.42 (2.25)	13.00 (4.70)
	UK Heating (COP Priority)	5.93 (2.08)	12.01 (4.34)
	UK Total Cooling	5.03 (1.58)	10.27 (3.32)
POWER INPUT (kW)	Lo-Hi	0.150 / 0.265	0.370 / 0.505
AIRFLOW (m³/h)	Lo-Hi	400-500	800-1000
EXTERNAL STATIC PRESSURE (Pa)		140	140
SOUND PRESSURE LEVEL (dBA)	Lo-Hi	29.5-34.5	34-39
WEIGHT (kg)		48	82
DIMENSIONS (mm)	Width	1016	1231
	Depth	1288	1580
	Height	317	398
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single
RUNNING CURRENT (A) Lo-Hi		0.70-1.15	1.73-2.20
FUSE RATING (BS88) - HRC (A)		6	6
MAINS CABLE No. Cores		3	3
PRICE		£1,723	£2,417

Notes: The figures in () indicates the heat recovery at Lossnay core. Total value is capacity of Lossnay core and refrigerant coil. The current and input are based on the above air volume. The sound pressure at the air outlets (45° angle 1.5m ahead) is about 6dB greater than the indicated value. (High notch). Specifications may be subject to change without notice.



PWFY-P-VM-E-BU

VRF Sanitary Water Heater

SANITARY WATER HEATER		PWFY-P100VM-E-BU
CAPACITY (kW)	Hot water (nominal)*1 Hot water (UK)*2	12.50 8
HEAT PUMP SPACE	ErP Rating	A+
HEATER - 55°C*3	ηs	100%
HEAT PUMP SPACE	ErP Rating	A+
HEATER - 35°C*3	ηs	126%
POWER INPUT (kW)		2.48
COMPATIBLE OUTDOOR / CONDENSING UNITS		PURY / PQRY
REFRIGERANT CHARGE (kg) High Temp Circuit		1.1 (R134a)
PIPE SIZE mm (in)	Gas	15.88 (5/8")
	Liquid	9.52 (3/8")
	Water Connection	PT 3/4 Screw
	Water pipe size	28
SOUND PRESSURE LEVEL (dBA)		44
MAX WATER TEMPERATURE (°C)		70
OPTIMUM WATER FLOW RATE (m³/h)		1.5
WATER PRESSURE DROP AT OPTIMUM FLOW RATE (kPa)		22.5
WEIGHT (kg)		60
DIMENSIONS (mm)	Width	450
	Depth	300
	Height	785 (800)
ELECTRICAL SUPPLY		220-240v, 50Hz
PHASE		Single
RUNNING CURRENT (A)		10.66
FUSE RATING (BS88) - HRC (A)		25
MAINS CABLE No. Cores		3
PRICE		£3,200

Notes:

*1 Nominal conditions: Outdoor 7/6°C , 65°C inlet water temperature, 1.5m³/h water flow rate, 7.5m refrigerant pipe. (Please note this is a spot condition and not capacity over tank heat up).

*2 Typical capacity at -10°CWB outdoor temperature for tank heat up.

*3 Combination with PURY-P200YLM-A1

ηs is the seasonal space heating energy efficiency (SSHEE)



VRF HP DXE

Heat Pump Air Curtain

VRF HP DXE - RECESSED		VRF HP1000R DXE	VRF HP1500R DXE	VRF HP2000R DXE	VRF HP2000R DXE HO ³
CAPACITY (kW)	Heating (nominal)	8.3	13.2	15.7	21.0
	Cooling (nominal)	7.4	11.8	14.0	16.8
AIRFLOW MAX (l/s)		364	575	720	720
SOUND PRESSURE LEVEL AT 3m (dBA) Lo-Mi-Hi		50-55-58	49-54-58	50-55-58	50-55-58
WEIGHT (kg)		52	75	93	93
DIMENSIONS (mm)	Width	1250	1750	2340	2340
	Depth	348	348	348	348
	Height	539	539	539	539
ELECTRICAL SUPPLY*1		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE*1		Single	Single	Single	Single
RUNNING CURRENT (A)*1		0.8	1.2	1.4	1.4
MAINS CABLE No. Cores*1		3	3	3	3
UNIFORMITY AT OUTLET (%)*2		90	92	90	90
UNIT SIZE (Index)		P71	P125	P140	P200
MAX MOUNTING HEIGHT (m)		3.2	3.2	3.2	3.2
COMPATIBLE OUTDOOR UNITS		PUHY / PURY / PQHY / PQRY	PUHY / PURY / PQHY / PQRY	PUHY / PURY / PQHY / PQRY	PUHY / PURY / PQHY / PQRY
PRICE		£3,331	£3,846	£4,337	£4,601
VRF HP DXE - FREE STANDING		VRF HP1000 DXE	VRF HP1500 DXE	VRF HP2000 DXE	VRF HP2000 DXE HO ³
CAPACITY (kW)	Heating (nominal)	8.3	13.2	15.7	21.0
	Cooling (nominal)	7.4	11.8	14	16.8
AIRFLOW MAX (l/s)		364	575	720	720
SOUND PRESSURE LEVEL AT 3m (dBA) Lo-Mi-Hi		50-55-58	49-54-58	50-55-58	50-55-58
WEIGHT (kg)		46	67	84	84
DIMENSIONS (mm)	Width	1300	1825	2350	2350
	Depth	468	468	468	468
	Height	306	306	306	306
ELECTRICAL SUPPLY*1		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE*1		Single	Single	Single	Single
RUNNING CURRENT (A)*1		0.8	1.2	1.4	1.4
MAINS CABLE No. Cores*1		3	3	3	3
UNIFORMITY AT OUTLET (%)*2		90	92	90	90
UNIT SIZE (Index)		P71	P125	P140	P200
MAX MOUNTING HEIGHT (m)		3.2	3.2	3.2	3.2
COMPATIBLE OUTDOOR UNITS		PUHY / PURY / PQHY / PQRY	PUHY / PURY / PQHY / PQRY	PUHY / PURY / PQHY / PQRY	PUHY / PURY / PQHY / PQRY
PRICE		£2,993	£3,616	£3,988	£4,252

Notes: *1 For indoor units with electric defrost heaters enabled, 3ph, 380-415V power supply (7.3A HP1000, 12.1A HP1500, 14.4A HP2000). *2 Tested to ISO27327. *3 Includes twin LEV kit for installation with the air curtain.


thermoscreens.



PAC-LV11M

LEV Kit Interface

LEV KIT INTERFACE		PAC-LV11M
MAX NO. OF CONNECTABLE INDOOR UNITS		1
CAPACITY OF INDOOR UNITS		20 to 50
COMPATIBLE OUTDOOR UNITS		PUH(R)Y-(E)P / PQH(R)Y-(E)P / PUMY-P VKA3/YKM3(1)
COMPATIBLE INDOOR UNITS		MSZ, MFZ*
PIPE SIZE mm (in)	Gas	-
	Liquid	6.35 (1/4")
WEIGHT (kg)		3.5
DIMENSIONS (mm)	Width	355
	Depth	142
	Height	183
ELECTRICAL SUPPLY		220-240v, 50Hz
PHASE		Single
FUSE RATING (BS88) - HRC (A)		6
MAINS CABLE No. Cores		3
PRICE		£320



Notes: Can't be grouped with City Multi indoor units. Group control via ME controller or system controller only. Group control is not possible via an MA controller, IT terminal or wireless remote controller.
*MFZ can only be connected to PUMY-P VKA3/YKM3(1)

PAC-MK-BC

Branch Box

BRANCH BOX		PAC-MK31BC	PAC-MK51BC
MAX NO. OF CONNECTABLE INDOOR UNITS		3	5
COMPATIBLE OUTDOOR UNITS		PUMY-P112/125/140VKM3/YKM3	PUMY-P112/125/140VKM3/YKM3
COMPATIBLE INDOOR UNITS*		MSZ, MFZ, PLA, PCA, PEAD, PKA, PSA, SEZ, SLZ	MSZ, MFZ, PLA, PCA, PEAD, PKA, PSA, SEZ, SLZ
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")
WEIGHT (kg)		6.7	7.4
DIMENSIONS (mm)	Width	450	450
	Depth	280	280
	Height	170	170
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single
FUSE RATING (BS88) - HRC (A)		6	6
PRICE		£345	£413



*City Multi indoor units can be used in conjunction with PAC-MK-BC, M Series and Mr Slim units. Some limitations apply. Please consult your sales office for application of this model.

BC Controllers

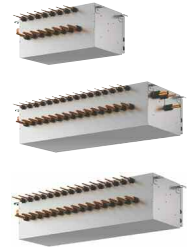
BC CONTROLLERS		CMB-P104V-G1	CMB-P105V-G1	CMB-P106V-G1
NUMBER OF CONNECTIONS		4	5	6
WEIGHT (kg)		24	27	28
DIMENSIONS (mm)	Width	648	648	648
	Depth	432	432	432
	Height	284	284	284
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
POWER INPUT (kW)		0.085	0.104	0.123
RUNNING CURRENT (A)		0.36	0.44	0.52
FUSE RATING (BS88) – HRC (A)		6	6	6
MAINS CABLE No. Cores		3	3	3
PRICE		£1,465	£1,748	£2,007

Note: CMB-P-V-G1 units are for use with PURY-P200-350 YLM-A1, PURY-EP200-350 YLM-A1 & PQRY-P200-300YLM-A units only.

MASTER BC CONTROLLERS		CMB-P108V-GA1	CMB-P1010V-GA1	CMB-P1013V-GA1	CMB-P1016V-GA1	CMB-P1016V-HA1
NUMBER OF CONNECTIONS		8	10	13	16	16
WEIGHT (kg)		43	48	55	62	69
DIMENSIONS (mm)	Width	1110	1110	1110	1110	1110
	Depth	520	520	520	520	520
	Height	289	289	289	289	289
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single
POWER INPUT (KW)		0.161	0.198	0.255	0.312	0.312
RUNNING CURRENT (A)		0.68	0.83	1.07	1.30	1.30
FUSE RATING (BS88) – HRC (A)		6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3
PRICE		£2,640	£3,174	£3,890	£4,735	£4,562

Notes: CMB-P-V-GA1 units are for use with PURY-P200-650Y(S)LM-A1 & PQRY-P200-600Y(S)LM-A units only. CMB-P1016V-HA1 unit is for use with PURY-P700-900YSLM-A1 & PURY-EP700-900YSLM-A1 units only.

SLAVE BC CONTROLLERS		CMB-P104V-GB1	CMB-P108V-GB1	CMB-P1016V-HB1
NUMBER OF CONNECTIONS		4	8	16
WEIGHT (kg)		22	32	55
DIMENSIONS (mm)	Width	648	648	1098
	Depth	432	432	432
	Height	284	284	284
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
POWER INPUT (KW)		0.076	0.151	0.301
RUNNING CURRENT (A)		0.32	0.63	1.26
FUSE RATING (BS88) – HRC (A)		6	6	6
MAINS CABLE No. Cores		3	3	3
PRICE		£1,202	£2,351	£4,100



BC Controllers With Port Isolation Valves



BC CONTROLLERS		KS8-CMB-P104V-G1-B	KS8-CMB-P105V-G1-B	KS8-CMB-P106V-G1-B
NUMBER OF CONNECTIONS		4	5	6
WEIGHT (kg)		24 + 4.2	27 + 5	28 + 5.9
DIMENSIONS (mm)	Width	648	648	648
	Depth	432 + 280	432 + 280	432 + 280
	Height	284	284	284
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
POWER INPUT (kW)		0.085	0.104	0.123
RUNNING CURRENT (A)		0.36	0.44	0.52
FUSE RATING (BS88) – HRC (A)		6	6	6
MAINS CABLE No. Cores		3	3	3
BC BOX		CMB-P104V-G1	CMB-P105V-G1	CMB-P106V-G1
PRICE		£1,889	£2,206	£2,500

Note: KS8-CMB-P-V-G1-B units are for use with PURY-P200-350 YLM-A1, PURY-EP200-350 YLM-A1 & PQRY-P200-300YLM-A units only.

MASTER BC CONTROLLERS		KS8-CMB-P108V-GA1-B	KS8-CMB-P1010V-GA1-B	KS8-CMB-P1013V-GA1-B	KS8-CMB-P1016V-GA1-B	KS8-P1016V-HA1-B
NUMBER OF CONNECTIONS		8	10	13	16	16
WEIGHT (kg)		43 + 7.9	48 + 9.5	55 + 12	62 + 14.5	69 + 14.5
DIMENSIONS (mm)	Width	1110	1110	1110	1110	1110
	Depth	520 + 280	520 + 280	520 + 280	520 + 280	520 + 280
	Height	289	289	289	289	289
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single
POWER INPUT (KW)		0.161	0.198	0.255	0.312	0.312
RUNNING CURRENT (A)		0.68	0.83	1.07	1.30	1.30
FUSE RATING (BS88) – HRC (A)		6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3
BC BOX		CMB-P108V-GA1	CMB-P1010V-GA1	CMB-P1013V-GA1	CMB-P1016V-GA1	CMB-P1016V-HA1
PRICE		£3,201	£3,807	£4,628	£5,575	£5,402

Notes: KS8-CMB-P-V-GA1-B units are for use with PURY-P200-650Y(S)LM-A1, PURY-EP200-650Y(S)LM-A1 & PQRY-P200-600Y(S)LM-A units only. KS8-CMB-P1016V-HA1-B unit is for use with PURY-P700-900YLM-A1 & PURY-EP700-900YLM-A1 units only.

SLAVE BC CONTROLLERS		KS8-CMB-P104V-GB1-B	KS8-CMB-P108V-GB1-B	KS8-CMB-P1016V-HB1-B
NUMBER OF CONNECTIONS		4	8	16
WEIGHT (kg)		22 + 4.2	32 + 7.5	55 + 14.5
DIMENSIONS (mm)	Width	648	648	1098
	Depth	432 + 280	432 + 280	432 + 280
	Height	284	284	284
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
POWER INPUT (KW)		0.076	0.151	0.301
RUNNING CURRENT (A)		0.32	0.63	1.26
FUSE RATING (BS88) – HRC (A)		6	6	6
MAINS CABLE No. Cores		3	3	3
BC BOX		CMB-P104V-GB1	CMB-P108V-GB1	CMB-P1016V-HB1
PRICE		£1,626	£2,912	£4,940

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

HBC Controllers (HVRF)



MASTER HBC CONTROLLERS		CMB-WP108V-GA1	CMB-WP1016V-GA1
NUMBER OF CONNECTIONS		8	16
WEIGHT (kg)		85 (95)*	97 (110)*
DIMENSIONS (mm)	Width	1520	1800
	Depth	540 (630)	540 (630)
	Height	300	300
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single
POWER INPUT (kW)		0.46	0.46
RUNNING CURRENT (A)		2.83	2.83
FUSE RATING (BS88) – HRC (A)		6	6
MAINS CABLE No. Cores		3	3
PRICE		£3,848	£5,357

SLAVE HBC CONTROLLERS		CMB-WP108V-GB1	CMB-WP1016V-GB1
NUMBER OF CONNECTIONS		8	16
WEIGHT (kg)		43 (48)*	51 (60)*
DIMENSIONS (mm)	Width	1520	1520
	Depth	540 (630)	540 (630)
	Height	300	300
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single
POWER INPUT (kW)		0.01	0.01
RUNNING CURRENT (A)		0.05	0.05
FUSE RATING (BS88) – HRC (A)		6	6
MAINS CABLE No. Cores		3	3
PRICE		£2,351	£3,516

Notes: CMB-WP-V-GA1 and CMB-WP-V-GB1 units are for use with PURY-P200-500YLM-A1, PURY-EP200-500YLM-A1, PQRY-P200-500YLM-A units and HVRF indoor units only (PLFY-WP, PEFY-WP, PFFY-WP).

One main HBC can be used on outdoor units PURY-(EP)200-250YLM-A1, PQRY-P200-250YLM-A. One main HBC can be used on outdoor units PURY-(EP)300-350YLM-A1, PQRY-P300-350YLM-A with a system efficiency reduction.

Two main HBC's can be used in parallel on outdoor units PURY-(EP)300-500YLM-A1, PQRY-P300-500YLM-A.

*() Includes Water

Refrigerant Detection Systems

DESCRIPTION	MODEL REF.	PRICE
Standalone Refrigerant Detectors		
White recessed back box semiconductor detector (back box not supplied)	KSGD-01W-A	£178
Silver recessed back box semiconductor detector (back box not supplied)	KSGD-01S-A	£217
White standalone infrared detector	KSIR-01	£596
Aspirated Refrigerant Detectors		
8 channel aspirated infrared detector panel	KS8-IR8CIF-A	£7,161
16 channel aspirated infrared detector panel	KS8-IR16CIF-A	£8,311
32 channel aspirated infrared detector panel	KS8-IR32CIF-A	£11,203
250m drum sampling tube for aspirated panel (black)	KS8-BST250	£132
Stainless steel room faceplate with alarm for aspirated panel	KS8-SSFPA	£61
Sampling tube two way manifold for aspirated panel	KS8-ST2M	£4
Remote Display Units		
Remote alarm display panel for up to 32 semiconductor sensors	KS8-RAD-32	£1,674
Remote alarm display panel for up to 64 semiconductor sensors	KS8-RAD-64	£2,310
Remote alarm display panel for up to 6 aspirated infrared detector panels	KS8-RDU	£1,981
Accessories		
5 wire adaptor for standalone refrigerant detectors used with pump down	PAC-SA88HA	£10
Transformer 12VDC	KSTR12	£46



KSGD-01S-A



KSIR-01



KS8-IR16CIF-A

Refrigerant Detection Systems

DESCRIPTION	MODEL REF.	PRICE
City Multi Pump Down Control Panels		
City Multi R2 Automatic Pump Down Control Panel 1 outdoor unit	KS8-OC1	£1,328
City Multi R2 Automatic Pump Down Control Panel 2 outdoor units	KS8-OC2	£1,948
City Multi R2 Automatic Pump Down Control Panel 3 outdoor units	KS8-OC3	£2,456
City Multi R2 Automatic Pump Down Control Panel 4 outdoor units	KS8-OC4	£3,148
City Multi R2 Automatic Pump Down Control Panel 5 outdoor units	KS8-OC5	£3,707
City Multi R2 Automatic Pump Down Control Panel 6 outdoor units	KS8-OC6	£4,271
City Multi R2 Automatic Pump Down Control Panel 7 outdoor units	KS8-OC7	£4,835
City Multi R2 Automatic Pump Down Control Panel 8 outdoor units	KS8-OC8	£5,399
Actuated Ball Valves for Pump Down Operation		
5/8" Actuated ball valve	KS8-5/8 ABV	£158
3/4" Actuated ball valve	KS8-3/4 ABV	£186
7/8" Actuated ball valve	KS8-7/8 ABV	£193
1.1/8" Actuated ball valve	KS8-1.1/8 ABV	£265
1.3/8" Actuated ball valve	KS8-1.3/8 ABV	£273
1.5/8" Actuated ball valve	KS8-1.5/8 ABV	£283



KS8-OC1



KS8-SSFPA

City Multi

Accessories / Optional Extras

DESCRIPTION	MODEL REF.	PRICE
Outdoor Units		
Branch Pipe (Joint) for size 200 or below - total capacity of indoor units	CMY-Y102SS-G2	£55
Branch Pipe (Joint) for size 201-400 - total capacity of indoor units	CMY-Y102LS-G2	£70
Branch Pipe (Joint) for size 401-650 - total capacity of indoor units or first branch of P400-P650 / EP400-EP600	CMY-Y202S-G2	£74
Branch Pipe (Joint) for size 651 or above - total capacity of indoor units or first branch of P700-P1250 / EP650-EP900	CMY-Y302S-G2	£93
Branch Pipe for 2 branches (PUMY)	CMY-Y62-G-E	£52
Twinning Kit for PUHY-P550-650YSKB-A1 / PUHY-EP550-600YSLM-A / PQHY-P400-600YSLM-A	CMY-Y100VBK3	£81
Twinning Kit for PUHY-P700-900YSKB-A1 / PQHY-P650-900YSLM-A	CMY-Y200VBK2	£97
Twinning Kit for PUHY-P950-1250YSKB-A1 / PUHY-EP650-900YSLM-A	CMY-Y300VBK3	£177
Twinning Kit for PUHY-RP400-650YSJM-B	CMY-RP100VBK	£89
Twinning Kit for PUHY-RP700-900YSJM-B	CMY-RP200VBK	£193
Twinning Kit for PURY-P400-500YSLM-A1	CMY-R100VBK-A	£132
Twinning Kit for PURY-P550-650YSLM-A1	CMY-R100VBK2	£132
Twinning Kit for PURY-P700-800YSLM-A1	CMY-R200VBK2	£150
Twinning Kit for PURY-EP550-900YSLM-A	CMY-ER200VBK	£259
Twinning Kit for PURY-P850-900YSLM-A1	CMY-R200XLVBK	£290
Twinning Kit for PQRY-P400-600YSLM-A	CMY-Q100CBK2	£229
Twinning Kit for PQRY-P700-900YSLM-A	CMY-Q200CBK	£276
Energy Monitoring Connector	PAC-CN32WHMC-UK	£5
4-Way Blow Cassette Units		
Grille for PLFY-P-VBM-E	PLP-6BA	£152
Grille for PLFY-P-VFM-E	SLP-2FA	£81
Grille and infrared controller for PLFY-P-VBM-E	PLP-6BALM	£261
Grille with filter lowering function for PLFY-P-VBM-E	PLP-6BAJ	£304
'i-see Sensor' corner panel for PLFY-P-VBM-E	PAC-SA1ME-E	£47
Infrared signal receiver for PLFY-P-VBM-E	PAR-SA9FA-E	£47
Infrared controller for PLFY-P-VBM-E	PAR-SL97A-E	£85
Shutter plate for PLFY-P-VBM-E	PAC-SH51SP	£6

1.5.53

Air Conditioning

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

CITY MULTI

City Multi

Accessories / Optional Extras

DESCRIPTION	MODEL REF.	PRICE
Ceiling Concealed Ducted Units		
Long life filter for PEFY-P80VMH-E	PAC-KE88LAF	£53
Long life filter for PEFY-P100-140VMH-E	PAC-KE89LAF	£70
Long life filter for PEFY-P200-250VMHS-E	PAC-KE85LAF	£122
Filter box for PEFY-P80VMH-E (necessary when long life filter is used)	PAC-KE99TB	£161
Filter box for PEFY-P100-140VMH-E2 (necessary when long life filter is used)	PAC-KE140TB-F	£170
Filter box for PEFY-P200-250VMHS-E (necessary when long life filter is used)	PAC-KE250TB-F	£190
BC Controllers		
Joint Pipe	CMY-R160-J1	£46
Indoor Units		
Remote Temperature Sensor	PAC-SE41TS-E	£23
Discreet Remote Temperature Sensor	KS9-BS1-A	£36
VRF Sanitary Water Heater		
Controller	PAR-W21MAA-J	£128
Thermistor (5m cable)	THERM-10M	£22
PFD Stands		
Stand for PFD-P250VM-E (leg extensions also available on request to allow different floor heights)	KS6-250	£768
Stand for PFD-P500VM-E (leg extensions also available on request to allow different floor heights)	KS6-500	£877

The Renewable Solutions Provider
Making a World of Difference

Heating Only

Heating Only Solutions



Air Conditioning | Heating
Ventilation | Controls





The Innovative Heating Only Solutions



With legislation changing and increasing pressure to replace traditional heating systems with renewable sources of heat, the industry needs to be able to provide a wide range of innovative solutions.

Building on a comprehensive range of heating products, City Multi 'Heating Only' systems offer a cost effective and efficient solution designed to combat challenging legislation and the need to reduce carbon emissions and running costs.

Designed to deliver heat via the air, our full range of air conditioning products can also be adapted with the use of intelligent controls to run as Heating Only products.

Why Heating Only

Heat Pumps have been developed over the years to enable heating and cooling from one machine, but there are many reasons to use these energy efficient products to provide only heating to a building via the delivery method of air.

- Many buildings do not need cooling, for example schools and student accommodation
- Heat pump air conditioning systems offer a simple, flexible and efficient method of delivering heat to a building
- Help with Part L Compliance by removing all power consumption related to cooling

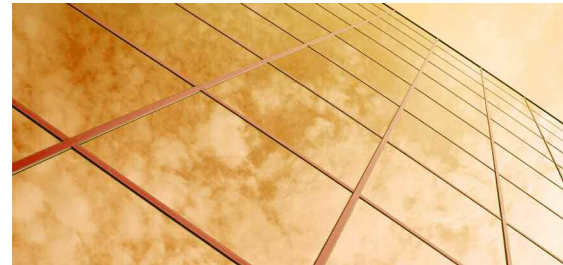


The Innovative Heating Only Solutions

Contents

City Multi Heating Only Solution

1.6.4



City Multi Heating Only Solution

AIR SOURCE OPTIONS		
HEATING ONLY MODEL	STANDARD MODEL EQUIVALENT	PRICE
CHU-P200YKB	PUHY-P200YKB-A1	£4,021
CHU-P250YKB	PUHY-P250YKB-A1	£5,023
CHU-P300YKB	PUHY-P300YKB-A1	£6,151
CHU-P350YKB	PUHY-P350YKB-A1	£7,176
CHU-P400YKB	PUHY-P400YKB-A1	£8,283
CHU-P450YKB	PUHY-P450YKB-A1	£9,226

WATER SOURCE OPTIONS		
HEATING ONLY MODEL	STANDARD MODEL EQUIVALENT	PRICE
CHQ-P250YHM	PQHY-P250YLM-A	£7,022
CHQ-P300YHM	PQHY-P300YLM-A	£8,368

Full indoor unit range is compatible with the CHU/CHQ Heating Only outdoor units.



The Renewable Solutions Provider
Making a World of Difference

Heating



Air Conditioning | Heating
Ventilation | Controls







MELCloud is a Cloud based solution for controlling your Mitsubishi Electric Ecodan systems either locally or remotely by PC, Mac, Tablet or Smartphone via the Internet.

Increasing energy bills, the need to reduce carbon emissions and the raft of challenging legislation are driving the demand for alternative forms of heating to improve energy efficiency.

As a market leader in both commercial and domestic renewable solutions, Mitsubishi Electric is a pioneer in the development of heat pump technology. Heat pumps have been used around the world for decades and Mitsubishi Electric has refined this technology to produce Ecodan - one of the most advanced, efficient heating systems available today.

The award winning Ecodan heat pump range is suitable for both small and large projects and delivers effective, low carbon heating and hot water. Ecodan heat pumps provide a simple, renewable solution that rivals traditional heating systems.

- Helps achieve renewable energy targets
- Capable of reducing running costs and CO₂ emissions
- Easy to design, install and maintain
- Fully scalable and can work independently or in conjunction with other systems
- Optimised systems from 4kW to 960kW
- MCS approved

From small flats to large detached houses, office blocks, schools and community heating schemes, Ecodan is the ideal choice to provide reliable space heating and hot water all year round.

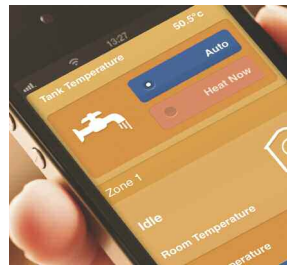
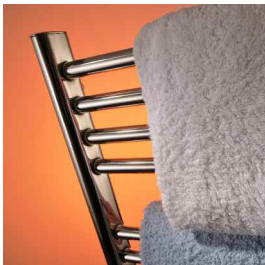


Certificate Number: MCS HP0002
Product Type: Heat Pumps
Product Reference: PUHZ-W50VHA2-BS, PUHZ-W85VHA2-BS
PUHZ-W112VHA-BS, PUHZ-W140VHA2-BS/114A2-BS
PUHZ-W160VHA-BS, PUHZ-W160VHA2-BS, PUHZ-W175VHA-BS
PUHZ-W175VHA2-BS, CAHV-P500YA-HPB



Contents

PUHZ-(H)W Monobloc Standalone Air Source Heat Pumps	2.4
QUHZ-W40VA / EHPT20Q-VM2EA Monobloc Air Source Heat Pump with Thermal Store	2.5
CAHV Monobloc Air Source Heat Pump	2.6
CRHV Monobloc Ground / Water Source Heat Pump	2.7
EHPT20X-MHCW FTC5 Packaged Cylinder for Ecodan Monobloc Units	2.8
EHPT15-17X-UKHLCW FTC5 Pre-plumbed Slimline Cylinders for Ecodan Monobloc Units	2.9
EHPT15-30X-UKHCW FTC5 Pre-plumbed Standard Cylinders for Ecodan Monobloc Units	2.10
EHPT21-30X-UKHSCW FTC5 Pre-plumbed Solar Cylinders for Ecodan Monobloc Units	2.11
EHPX-VM2C FTC5 Packaged Hydrobox for Ecodan Monobloc Units	2.12
PUHZ-SW Split Air Source Heat Pumps	2.13
EHST20(D)(C)-MHCW FTC5 Cylinders for Ecodan Split Units	2.14
EHS(D)(C)-MEC FTC5 Hydroboxes for Ecodan Split Units	2.15
FTC2B Flow Temperature Controller for use with Ecodan Monobloc Units and Third Party BEMS	2.16
Energy Monitoring Packs	2.17
Accessories / Optional Extras	2.19



PUHZ-(H)W

Monobloc Standalone Air Source Heat Pumps

OUTDOOR UNIT		PUHZ-W50VHA2(-BS)	PUHZ-W85VHA2(-BS)	PUHZ-W112VHA(-BS)	PUHZ-HW140VHA2(-BS)	PUHZ-HW140YHA2(-BS)
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++	A++	A++	A++	A++
	η_s	127%	128%	125%	126%	126%
	SCOP	3.25	3.27	3.20	3.22	3.22
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A++	A++	A++	A++	A++
	η_s	162%	162%	164%	157%	157%
	SCOP	4.12	4.12	4.18	3.99	3.99
HEAT PUMP COMBINATION HEATER - Large Profile ¹	ErP Rating	A	A	A	A	A
	η_{sh}	99%	97%	100%	96%	96%
	Capacity (kW)	4.8	8.3	11.0	14.0	14.0
HEATING ² (A-3/W35)	Power Input (kW)	1.63	2.96	3.65	4.81	4.81
	COP	2.95	2.80	3.01	2.91	2.91
OPERATING AMBIENT TEMPERATURE (°C DB)		-15 ~ +35°C	-20 ~ +35°C	-20 ~ +35°C	-25 ~ +35°C	-25 ~ +35°C
SOUND PRESSURE LEVEL AT 1M (dBA) ^{3,4}		45	48	53	53	53
LOW NOISE MODE (dBA) ³		40	42	46	46	46
WATER DATA	Pipework Size (mm)	22	22	28	28	28
	Flow Rate (l/min)	14.3	25.8	32.1	40.1	40.1
	Water Pressure Drop (kPa)	12	13.5	6.3	9	9
DIMENSIONS (mm) ⁷	Width	950	950	1020	1020	1020
	Depth	330+30 ⁵	330+30 ⁵	330+30 ⁵	330+30 ⁵	330+30 ⁵
	Height	740	943	1350	1350	1350
WEIGHT (kg)		64	77	133	134	148
ELECTRICAL DATA	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
	Phase	Single	Single	Single	Single	3
	Nominal Running Current [MAX] (A)	5.4 [13]	10.3 [23]	11.2 [29.5]	14.9 [35]	5.1 [13]
	Fuse Rating - MCB Sizes (A) ⁶	16	25	32	40	16
SYSTEM PRICES (-BS Coastal models)		£2,139 (£2,209)	£2,914 (£3,022)	£3,470 (£3,607)	£4,391 (£4,573)	£4,604 (£4,796)



System price includes: Outdoor Unit, Flow Temperature Controller (FTCS) with Main Controller and Temperature Sensors, Magnetic & Cyclonic Filter, Flexible Connection Pipes, Flow Sensor & 'O' Rings, DHW Cylinder Sensor, Warranty Card, Ecodan Homeowner DVD, FTCS Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.

¹ Combination with EHPT20X-MH-CW Cylinder

² Under normal heating conditions at outdoor temp: -3°CDB / -4°CWB, outlet water temp 35°C, inlet water temp 30°C.

³ Under normal heating conditions at outdoor temp: 7°CDB / 6°CWB, outlet water temp 35°C, inlet water temp 30°C as tested to BS EN14511.

⁴ Sound power level of the PUHZ-W50VHA2 is 61dBA, PUHZ-W85VHA2 is 62.5dBA, PUHZ-W112VHA is 65dBA, PUHZ-HW140VHA2 is 65.5dBA, PUHZ-HW140YHA2 is 67.5dBA. Tested to BS EN12102.

⁵ Grille.

⁶ MCB Sizes BS EN60898-2 & BS EN60947-2.

⁷ Flow Temperature Controller (FTC) for standalone systems PAC-IF062B-E Dimensions WxDxH (mm) - 520x150x450

η_s is the seasonal space heating energy efficiency (SSHEE) η_{sh} is the water heating energy efficiency

QUHZ-W40VA / EHPT20Q-VM2EA

Monobloc Air Source Heat Pump With Thermal Store

OUTDOOR UNIT		QUHZ-W40VA
HEAT PUMP COMBINATION HEATER - 55°C	ErP Rating	A+
	η_s	117%
	SCOP	2.90
HEAT PUMP COMBINATION HEATER - Large Profile ¹	ErP Rating	A
	η_{wh}	129%
	COP	3.00
HEATING ² (A-3/W55)	Capacity (kW)	4.32
	Power Input (kW)	2.18
	COP	1.98
OPERATING AMBIENT TEMPERATURE (°C DB)		-15 ~ +35°C
SOUND PRESSURE LEVEL AT 1M (dBA) ³		43
SOUND POWER LEVEL (dBA) ⁴		53
WATER DATA	Pipework Size (mm)	15
	Flow Rate (l/min)	3 to 8
DISTANCE BETWEEN OUTDOOR UNIT AND THERMAL STORE (M) DIMENSIONS (mm)	Height Difference	5
	Piping Length	15
DIMENSIONS	Width	809+70 ⁵
	Depth	300+20 ⁵
	Height	715
WEIGHT (kg)		57
ELECTRICAL DATA		Powered from indoor unit

THERMAL STORE		EHPT20Q-VM2EA
NOMINAL THERMAL STORE WATER VOLUME (LITRES)		200
WATER TEMPERATURE RANGE	DHW Mode (°C)	40-70°C
	Space Heating Mode (°C)	25-60°C
MECHANICAL ZONES		DHW and 1 Heating Zone (2 Zone capability with 3rd party 2-port valves)
OPERATING AMBIENT TEMPERATURE (°C DB)		0 ~ +35°C (RH<80%)
SOUND PRESSURE LEVEL AT 1M (dBA)		30
SOUND POWER LEVEL (dBA) ⁴		40
WATER DATA	Primary Pump	Grundfos Solar PML 25-145 180
	Sanitary Hot Water Pump	Grundfos Solar PML 25-145 180
	Connection Size (mm) Heating / DHW	22 / 22
	Primary Expansion Vessel (Litres)	18
	Charge Pressure (MPa (Bar))	0.1 (1)
WATER SAFETY DEVICES	Pressure relief valve (Mpa (Bar))	0.3 (3) - 2 No. devices
	Flow sensor (supplied)	Min. flow 1.3 L/min
	Manual reset thermostat	85°C
	Width	595
	Depth	680
DIMENSIONS (mm)	Height	1600
	WEIGHT EMPTY / FULL (kg)	77 / 283
ELECTRICAL DATA	Electrical Supply	220-240v, 50Hz
	Phase	Single
	Maximum Running Current (A)	15
	Fuse Rating - MCB Sizes (A) ⁵	20
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER		PAR-WT50-E Controller and PAR-WR51-E Receiver



SYSTEM PRICE

£4,225

System price includes: Outdoor Unit, Thermal Store, Flexible Connection Pipes, Magnetic & Cyclonic Filter, Expansion Vessel, Warranty Card, Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.

Thermal Store includes: Main Controller, Circulating Pumps, Magnetic & Cyclonic Filter, Flow Sensor and Expansion Vessel.

¹ Combination with EHPT20Q-VM2EA Thermal Store.

² Under normal heating conditions at outdoor temp: -3°CDB / -4°CWB, outlet water temp 55°C, inlet water temp 47°C.

³ Under normal heating conditions at outdoor temp: 7°CDB / 6°CWB, outlet water temp 55°C, inlet water temp 47°C as tested to BS EN14511.

⁴ Sound power level tested to BS EN12102.

⁵ Grille or pipe cover.

⁶ MCB Sizes BS EN60898-2 & BS EN60947-2.

η_s is the seasonal space heating energy efficiency (SHEE) η_{wh} is the water heating energy efficiency

CAHV

Monobloc Air Source Heat Pump

OUTDOOR UNIT		CAHV-P500YA-HPB	
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++	
	η _s	125%	
	SCOP	3.19	
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A+	
	η _s	139%	
	SCOP	3.54	
HEATING*1 (A-3/W35)	Capacity (kW)	42.6	
	Power Input (kW)	15.2	
	COP	2.80	
OPERATING AMBIENT TEMPERATURE (°C DB)		-20~+40°C	
SOUND PRESSURE LEVEL AT 1M (dBA) ² 3		59	
LOW NOISE MODE (dBA) ²		Variable	
FLOW RATE(l/min)		126	
WATER PRESSURE DROP (kPa)		18	
DIMENSIONS (mm)	Width	1978	
	Depth	759	
	Height	1710 (1650 without legs)	
WEIGHT (kg)		526	
ELECTRICAL SUPPLY		380-415v, 50Hz	
PHASE		3	
NOMINAL RUNNING CURRENT [MAX] (A)		17.6 [52.9]	
FUSE RATING - MCB SIZES (A) ⁴		63	

PRICE

£19,860

Price includes: Commissioning

*1 Under normal heating conditions at outdoor temp: -3°CDB / -4°CWB, outlet water temp 35°C, inlet water temp 30°C
*2 Under normal heating conditions at outdoor temp: 7°CDB / 6°CWB, outlet water temp 35°C, inlet water temp 30°C as tested to BS EN14511
*3 Sound power level of the CAHV-P500YA-HPB is 70.7dBA. Tested to BS EN12102
*4 MCB Sizes BS EN60898-2 & BS EN60947-2

η_s is the seasonal space heating energy efficiency (SSHEE) η_{ws} is the water heating energy efficiency



CRHV

Monobloc Ground / Water Source Heat Pump

CRHV UNIT		CRHV-P600YA-HPB	
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++	
	η_{Lw}	127%	
HEAT PUMP SPACE HEATER - 35°C	SCOP	3.37	
	ErP Rating	A++	
HEATING ¹ (B0/W35)	η_{Lw}	153%	
	SCOP	4.03	
SEASONAL EFFICIENCY EN14825 (SPF)	Capacity (kW)	60	
	Power Input inc. pump (kW)	14.20	
HEATING ² (B0/W35)	COP	4.23	
	B0/W35 (60kW)	4.33	
SEASONAL EFFICIENCY EN14825 (SPF)	Capacity (kW)	45	
	Power Input inc. pump (kW)	10.20	
HEATING ³ (W10/W35)	COP	4.41	
	B0/W35 (45kW)	4.03	
SEASONAL EFFICIENCY EN14825 (SPF)	Capacity (kW)	60	
	Power Input inc. pump (kW)	11.90	
HEATING ⁴ (W10/W35)	COP	5.08	
	W10/W35 (60kW)	5.09	
SEASONAL EFFICIENCY EN14825 (SPF)	Capacity (kW)	45	
	Power Input inc. pump (kW)	8.89	
SOUND DATA	COP	5.11	
	W10/W35 (45kW)	4.55	
WATER DATA	Pressure Level LpA at 1m (dBA)	50	
	Power Level LwA (dBA) ⁵	66	
Flow Rate Range	Heat Source (Brine) (l/s (m³/hr))	1.5 to 4.1 (5.4 to 15)	
	Building Side (LTHW) (l/s (m³/hr))	1.5 to 4.4 (5.4 to 16)	
Mechanical Connections	Heat Source Outlet (Brine) (mm ("))	50.8 (R2) screw	
	Heat Source Inlet (Brine) (mm ("))	50.8 (R2) screw	
Operating Temperature Range	Building Side Outlet (LTHW) (mm ("))	50.8 (R2) screw	
	Building Side Inlet (LTHW) (mm ("))	50.8 (R2) screw	
Heat Source Fluid Type ⁷	Heat Source Inlet (Brine) (°C)	-5 to +27	
	Heat Source Inlet Option (Brine) (°C) ⁸	-5 to +45	
Pressure Drop (at 1.5l/s inc 30% glycol in heat source fluid)	Building Side Outlet (LTHW) (°C)	+30 to +65	
	Heat Source (Brine) (kPa)	Min 30% Ethylene Glycol or equivalent	
Maximum Working Pressure	Building Side (LTHW) (kPa)	12	
	Heat Source (Brine) (MPa(Bar))	7	
DIMENSIONS	Building Side (LTHW) (MPa(Bar))	1 (10)	
	Width (mm)	1 (10)	
WEIGHT (kg)	Depth (mm)	934	
	Height (mm)	780	
REFRIGERANT	Type	1561	
	Charge (kg)	395	
ELECTRICAL DATA	Max pressure (MPa (Bar))	R410A	
	Compressor type	4.5 x 2	
	Circuit type	4.15 (41.5)	
	Electrical Supply	Inverter Driven	
	Phase	Hermetically Sealed System	
	Maximum Running Current (A)	415v, 50Hz	
	Fuse Rating - MCB Size (A) ⁹	3 Phase	
		44	
		50	

PRICE

Price includes: Commissioning and two Y type strainers

PLEASE NOTE: Full design criteria is needed to ascertain the capacity which could change based on heat source temperature and building flow temperature.

η_{Lw} is the seasonal space heating energy efficiency (SHEE)
 η_{Lw} is the water heating energy efficiency

- ¹ Under normal heating conditions at brine inlet: 0°C, outlet water temp 35°C as tested to BS EN14511 (60kW)
- ² Under normal heating conditions at brine inlet: 0°C, outlet water temp 35°C as tested to BS EN14511 (45kW)
- ³ Under normal heating conditions at water inlet: 10°C, outlet water temp 35°C as tested to BS EN14511 (60kW)
- ⁴ Under normal heating conditions at water inlet: 10°C, outlet water temp 35°C as tested to BS EN14511 (45kW)
- ⁵ Sound power level as tested to BS EN12102
- ⁶ Heat source inlet temperature above 27°C and up to 45°C option must reverse the inlet and outlet heat source connections and refer to manual for dip switch changes
- ⁷ The system should be adequately protected from freezing
- ⁸ MCB Sizes BS EN60898-2 & BS EN60947-2

Price Notifications

- Any price shown is our commercial price list (CPL) pricing ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

£17,294

- * LTHW - Low Temperature Hot Water
- * Please use adequate frost protection to ensure pipework and the unit do not freeze if the system is powered down
- * Please do not use ground water or well water directly within the unit
- * The water circuit must be a closed circuit



EHPT20X-MHCW

FTC5 Packaged Cylinder for Ecodan Monobloc Units

CYLINDER			EHPT20X-MHCW
NOMINAL HOT WATER VOLUME (LITRES)			200
HEAT PUMP COMBINATION HEATER - Large Profile (with PUHZ-W85VHA2)			A
OPERATING AMBIENT TEMPERATURE (°C DB)			0 ~ +35°C (RH<80%)
SOUND PRESSURE LEVEL AT 1M (dBA)			28
WATER DATA			
			Flow Rate (l/min) W50 - W85 - W112 - HW140
			14.3 - 25.8 - 32.1 - 40.1
			Primary Pump
			Grundfos UPM2 15 70 - 130
			Sanitary Hot Water Pump
			Grundfos UPSO 15-60 130 CIL2
			Connection Size (mm) Heating / DHW
			28 / 22
			Primary Expansion Vessel (Litres)
			12
			Charge Pressure (MPa (Bar))
			0.1 (1)
			Control Thermistor (°C)
			1 - 80
			Pressure Relief Valve (MPa (Bar))
			0.3 (3)
			Flow Sensor (minimum flow 5L/min)
			Supplied
			Control Thermistor (°C)
			40-70
			Temp and Pressure Relief Valve (°C) / (MPa (Bar))
			90 / 0.7 (7)
			Width
			595
			Depth
			680
			Height
			1600
			98 / 307
WEIGHT EMPTY / FULL (kg)			
ELECTRICAL DATA			
			Electrical Supply
			220-240v, 50Hz
			Phase
			Single
			Fuse Rating - MCB Sizes (A) ¹
			10
			Electrical Supply
			220-240v, 50Hz
			Phase
			Single
			Capacity (kW)
			3
			Max Running Current (A)
			13
			Fuse Rating - MCB Sizes (A) ¹
			16
MECHANICAL ZONES			DHW and 1 Heating Zone ²
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER			PAR-WT50-E Controller and PAR-WR51-E Receiver
SYSTEM PRICES (-BS Coastal models)			
			PUHZ-W50VHA2
			£3,861 (£3,931)
			PUHZ-W85VHA2
			£4,636 (£4,744)
			PUHZ-W112VHA
			£5,192 (£5,329)
			PUHZ-HW140VHA2
			£6,113 (£6,295)
			PUHZ-HW140YHA2
			£6,326 (£6,518)

System price includes: Outdoor Unit, Cylinder, Magnetic & Cyclonic Filter, G3 Compliance Kit, Flexible Connection Pipes, Warranty Card, Ecodan Homeowner DVD, FTC5 Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.
Cylinder includes: Flow Temperature Controller (FTC5) with Main Controller and Temperature Sensors, Pumps & Valves for Zone 1 and DHW use, Flow Sensor, Plate Heat Exchanger, Scale Trap, 3kW Immersion Heater and Expansion Vessel.

¹ MCB Sizes BS EN60898-2 & BS EN60947-2 ² Optional 2 zone accessory pack available



EHPT15-17X-UKHLCW

FTC5 Pre-plumbed Slimline Cylinders for Ecodan Monobloc Units

CYLINDER			EHPT15X-UKHLCW	EHPT17X-UKHLCW	
NOMINAL HOT WATER VOLUME (LITRES)			150	170	
ErP RATING			C	C	
HEAT LOSS (kWh/24hrs)			1.45	1.63	
HEAT LOSS (W)			60.4	67.9	
WATER		Flow Rate (l/min) W50 - W85 - W112	14.3 - 25.8 - 32.1		
		Primary Pump	2 x Grundfos UPS2 15-60	2 x Grundfos UPS2 15-60	
		Sanitary Hot Water Pump	Grundfos UPSO 15-60 CIL2	Grundfos UPSO 15-60 CIL2	
		Connection Size (mm) Heating / DHW (mm)	22	22	
		Primary Expansion Vessel (Litres)	12	18	
		Charge Pressure (MPa (Bar))	0.35 (3.5)	0.35 (3.5)	
WATER SAFETY DEVICES	Water Circuit	Control Thermistor (°C)	1 - 80	1 - 80	
		Pressure Relief Valve (MPa (Bar))	0.3 (3)	0.3 (3)	
		Expansion Relief Valve (Cold)	0.8 (8)	0.8 (8)	
		Control Thermistor	40-70	40-70	
	DHW Cylinder	High Limit Stat (°C)	Mechanical 80	Mechanical 80	
		Temp and Pressure Relief Valve (°C) / (MPa (Bar))	90 / 1.0 (10)	90 / 1.0 (10)	
DIMENSIONS (mm)		Width	600	600	
		Depth	595	595	
		Height	1495	1669	
WEIGHT EMPTY / FULL (kg)			54 / 204	60 / 230	
CYLINDER MATERIAL	Cylinder Insulation	Cylinder Material	Stainless Steel	Stainless Steel	
		Insulation Type	CFC / HCFC-free flame-retardant expanded Polyurethane		
		Insulation Thickness (mm)	50	50	
		Standing Heat Loss (kWh/24hrs)	1.45	1.63	
		GWP of Insulation	3.1	3.1	
		ODP of Insulation	0	0	
ELECTRICAL DATA	Control Board <i>optionally powered by outdoor unit</i>	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz	
		Phase	Single	Single	
		Fuse Rating - MCB Sizes (A) ¹	10	10	
	Immersion Heater	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz	
		Phase	Single	Single	
		Capacity (kW)	3	3	
		Max Running Current (A)	13	13	
		Fuse Rating - MCB Sizes (A) ¹	16	16	
MECHANICAL ZONES			DHW and 1 Heating Zone ²	DHW and 1 Heating Zone ²	
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER			PAR-WT50-E Controller and PAR-WR51-E Receiver		
SYSTEM PRICES (-BS Coastal models)			PUHZ-W50VHA2	£3,519 (£3,589)	£3,570 (£3,640)
			PUHZ-W85VHA2	£4,294 (£4,402)	£4,345 (£4,453)
			PUHZ-W112VHA	N/A	£4,901 (£5,038)



System price includes: Outdoor Unit, Cylinder, Flexible Connection Pipes, Warranty Card, Ecodan Homeowner DVD, FTC5 Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.
Cylinder includes: Flow Temperature Controller (FTC5) with Main Controller and Temperature Sensors, Magnetic & Cyclonic Filter, Pumps & Valves for Zone 1 and DHW use, Flow Sensor, Plate Heat Exchanger, Scale Trap, 3kW Immersion Heater and Expansion Vessel.

^{*1} MCB Sizes BS EN60898-2 & BS EN60947-2 ^{*2} Optional 2 zone accessory pack available

EHPT15-30X-UKHCW

FTC5 Pre-plumbed Standard Cylinders for Ecodan Monobloc Units

CYLINDER		EHPT15X-UKHCW	EHPT17X-UKHCW	EHPT21X-UKHCW	EHPT25X-UKHCW	EHPT30X-UKHCW	
NOMINAL HOT WATER VOLUME (LITRES)		150	170	210	250	300	
ErP RATING		B	B	C	C	C	
HEAT LOSS (kWh/24hrs)		1.19	1.32	1.57	1.67	1.89	
HEAT LOSS (W)		49.6	55.0	65.4	69.6	78.8	
WATER		14.3 - 25.8 - 32.1 - 40.1					
		2 x Grundfos UPS2 25-60					
		Grundfos UP50 15-60 CIL2					
		22	22	22	22	22	
		12	18	18	24	24	
		0.35 (3.5)	0.35 (3.5)	0.35 (3.5)	0.35 (3.5)	0.35 (3.5)	
WATER SAFETY DEVICES	Water Circuit	Control Thermostat (°C)	1 - 80	1 - 80	1 - 80	1 - 80	
		Pressure Relief Valve (MPa (Bar))	0.3 (3)	0.3 (3)	0.3 (3)	0.3 (3)	
		Expansion Relief Valve (Cold)	0.8 (8)	0.8 (8)	0.8 (8)	0.8 (8)	
		Control Thermostat	40-70	40-70	40-70	40-70	
	DHW Cylinder	High Limit Stat (°C)	Mechanical 80	Mechanical 80	Mechanical 80	Mechanical 80	
		Temp and Pressure Relief Valve (°C) / (MPa (Bar))	90 / 1.0 (10)	90 / 1.0 (10)	90 / 1.0 (10)	90 / 1.0 (10)	
		DIMENSIONS (mm)		712	712	712	712
				691	691	691	691
		1113	1239	1491	1743	2057	
WEIGHT EMPTY / FULL (kg)		56 / 206	62 / 232	69 / 279	77 / 327	87 / 387	
CYLINDER MATERIAL	Cylinder Insulation	Cylinder Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	
		Insulation Type	CFC / HCFC-free flame-retardant expanded Polyurethane				
		Insulation Thickness (mm)	60	60	60	60	
		Standing Heat Loss (kWh/24hrs)	1.19	1.32	1.57	1.67	1.89
		GWP of Insulation	3.1	3.1	3.1	3.1	
		ODP of Insulation	0	0	0	0	
ELECTRICAL DATA	Control Board optionally powered by outdoor unit	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	
		Phase	Single	Single	Single	Single	
		Fuse Rating - MCB Sizes (A) ¹	10	10	10	10	
		Electrical Supply	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	
	Immersion Heater	Phase	Single	Single	Single	Single	
		Capacity (kW)	3	3	3	3	
		Max Running Current (A)	13	13	13	13	
		Fuse Rating - MCB Sizes (A) ¹	16	16	16	16	
MECHANICAL ZONES		DHW and 1 Heating Zone ²					
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER		PAR-WT50-E Controller and PAR-WR51-E Receiver					

SYSTEM PRICES (-BS Coastal models)		PUHZ-W50VHA2	£3,519 (£3,589)	£3,570 (£3,640)	N/A	N/A	N/A
		PUHZ-W85VHA2	£4,294 (£4,402)	£4,345 (£4,453)	£4,397 (£4,505)	N/A	N/A
		PUHZ-W112VHA	N/A	£4,901 (£5,038)	£4,953 (£5,090)	£5,057 (£5,194)	£5,213 (£5,350)
		PUHZ-HW140VHA2	N/A	N/A	£5,874 (£6,056)	£5,978 (£6,160)	£6,134 (£6,316)
		PUHZ-HW140VHA2	N/A	N/A	£6,087 (£6,279)	£6,191 (£6,383)	£6,347 (£6,539)

System price includes: Outdoor Unit, Cylinder, Flexible Connection Pipes, Warranty Card, Ecodan Homeowner DVD, FTC5 Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.
Cylinder includes: Flow Temperature Controller (FTC5) with Main Controller and Temperature Sensors, Magnetic & Cyclonic Filter, Pumps & Valves for Zone 1 and DHW use, Flow Sensor, Plate Heat Exchanger, Scale Trap, 3kW Immersion Heater and Expansion Vessel.

¹ MCB Sizes BS EN60898-2 & BS EN60947-2 ² Optional 2 zone accessory pack available



EHPT21-30X-UKHSCW

FTC5 Pre-plumbed Solar Cylinders for Ecodan Monobloc Units

CYLINDER			EHPT21X-UKHSCW	EHPT25X-UKHSCW	EHPT30X-UKHSCW
NOMINAL HOT WATER VOLUME (LITRES)			210	250	300
ErP RATING			C	C	C
HEAT LOSS (kWh/24hrs)			1.56	1.63	1.84
HEAT LOSS (W)			65.0	67.9	76.7
WATER		Flow Rate (l/min) W50 - W85 - W112 - HW140	14.3 - 25.8 - 32.1 - 40.1		
		Primary Pump	2 x Grundfos UPS2 15-60		
		Sanitary Hot Water Pump	Grundfos UPSO 15-60 CIL2		
		Connection Size (mm) Heating / DHW (mm)	22	22	22
		Primary Expansion Vessel (Litres)	18	24	24
		Charge Pressure (MPa (Bar))	0.35 (3.5)	0.35 (3.5)	0.35 (3.5)
WATER SAFETY DEVICES	Water Circuit	Control Thermistor (°C)	1 - 80	1 - 80	1 - 80
		Pressure Relief Valve (MPa (Bar))	0.3 (3)	0.3 (3)	0.3 (3)
		Expansion Relief Valve (Cold)	0.8 (8)	0.8 (8)	0.8 (8)
	DHW Cylinder	Control Thermistor	40-70	40-70	40-70
		High Limit Stat (°C)	Mechanical 80	Mechanical 80	Mechanical 80
		Temp and Pressure Relief Valve (°C) / (MPa (Bar))	90 / 1.0 (10)	90 / 1.0 (10)	90 / 1.0 (10)
DIMENSIONS (mm)		Width	678	678	678
		Depth	694	694	694
		Height	1497	1749	2064
WEIGHT EMPTY / FULL (kg)		74 / 284	82 / 332	92 / 392	
CYLINDER MATERIAL	Cylinder	Cylinder Material	Stainless Steel	Stainless Steel	Stainless Steel
	Insulation	Insulation Type	CFC / HCFC-free flame-retardant expanded Polyurethane		
		Insulation Thickness (mm)	60	60	60
		Standing Heat Loss (kWh/24hrs)	1.56	1.63	1.84
		GWP of Insulation	3.1	3.1	3.1
ELECTRICAL DATA	Control Board <i>optionally powered by outdoor unit</i>	ODP of Insulation	0	0	0
		Electrical Supply	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
		Phase	Single	Single	Single
		Fuse Rating - MCB Sizes (A) ¹	10	10	10
	Immersion Heater	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
		Phase	Single	Single	Single
		Capacity (kW)	3	3	3
		Max Running Current (A)	13	13	13
		Fuse Rating - MCB Sizes (A) ¹	16	16	16
MECHANICAL ZONES			DHW and 1 Heating Zone ²		
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER			PAR-WT50-E Controller and PAR-WR51-E Receiver		

OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER PAR-WT50-E Controller and PAR-WR51-E Receiver

SYSTEM PRICES (-BS Coastal models)		PUHZ-W50VHA2	£3,778, (£3,848)	£3,882 (£3,952)	N/A
		PUHZ-W85VHA2	£4,553 (£4,661)	£4,657 (£4,765)	£4,813 (£4,921)
		PUHZ-W112VHA	£5,109 (£5,246)	£5,213 (£5,350)	£5,369 (£5,506)
		PUHZ-HW140VHA2	£6,030 (£6,212)	£6,134 (£6,316)	£6,290 (£6,472)
		PUHZ-HW140VHA2	£6,243 (£6,435)	£6,347 (£6,539)	£6,503 (£6,695)

System price includes: Outdoor Unit, Cylinder, Flexible Connection Pipes, Warranty Card, Ecodan Homeowner DVD, FTC5 Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.

Cylinder includes: Flow Temperature Controller (FTC5) with Main Controller and Temperature Sensors, Magnetic & Cyclonic Filter, Pumps & Valves for Zone 1 and DHW use, Flow Sensor, Plate Heat Exchanger, Scale Trap, 3kW Immersion Heater and Expansion Vessel.

*1 MCB Sizes BS EN60898-2 & BS EN60947-2 *2 Optional 2 zone accessory pack available



EHPX-VM2C

FTC5 Packaged Hydrobox for Ecodan Monobloc Units

HYDROBOX			EHPX-VM2C
OPERATING AMBIENT TEMPERATURE (°C DB)			0 ~ +35°C (RH<80%)
SOUND PRESSURE LEVEL AT 1M (dBA)			28
WATER DATA		Flow Rate (l/min) W50 - W85 - W112 - HW140	14.3 - 25.8 - 32.1 - 40.1
		Pump	Grundfos UPM2 15 70 - 130
		Connection Size (mm)	28
		Primary Expansion Vessel (Litres)	10
		Charge Pressure (MPa (Bar))	0.1 (1)
WATER SAFETY DEVICES		Control Thermistor (°C)	1 - 80
		Pressure Relief Valve (Mpa (Bar))	0.3 (3)
		Flow Sensor (minimum flow 5L/min)	Supplied
		Booster Heater Control Thermistor (°C)	80
		Booster Heater Manual Reset Thermostat (°C)	90
		Booster Heater Thermal Cut Off (°C)	121
DIMENSIONS (mm)		Width	530
		Depth	360
		Height	800
WEIGHT EMPTY / FULL (kg)			37 / 42
ELECTRICAL DATA		Control Board - optionally powered by outdoor unit	Electrical Supply 220-240v, 50Hz
			Phase Single
			Fuse Rating - MCB Sizes (A) ¹ 10
		Booster Heater - optionally powered if required	Electrical Supply 220-240v, 50Hz
			Phase Single
			Capacity (kW) 2
			Max Running Current (A) 9
			Fuse Rating - MCB Sizes (A) ¹ 16
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER			PAR-WT50-E Controller and PAR-WR51-E Receiver

SYSTEM PRICES (-BS Coastal models)		
PUHZ-W50VHA2		£2,842 (£2,912)
PUHZ-W85VHA2		£3,617 (£3,725)
PUHZ-W112VHA		£4,173 (£4,309)
PUHZ-HW140VHA2		£5,094 (£5,276)
PUHZ-HW140YHA2		£5,307 (£5,499)

System price includes: Outdoor Unit, Hydrobox, Flexible Connection Pipes, Magnetic & Cyclonic Filter, Di-HW Cylinder Sensor, Warranty Card, Ecodan Homeowner DVD, FTC5 Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.

Hydrobox includes: Flow Temperature Controller (FTC5) with Main Controller and Temperature Sensors, Water Circulation Pump, Flow Sensor and Expansion Vessel.

¹ MCB Sizes BS EN60898-2 & BS EN60947-2



PUHZ-SW

Ecodan Split Air Source Heat Pumps

OUTDOOR UNIT		PUHZ-SW50VKA-BS	PUHZ-SW75VHA-BS	PUHZ-SW120VHA-BS
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++	A++	A++
	η_{L_s}	125%	127%	125%
	SCOP	3.20	3.26	3.21
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A++	A++	A++
	η_{L_s}	163%	154%	162%
	SCOP	4.16	3.92	4.13
HEAT PUMP COMBINATION HEATER - Large Profile ¹	ErP Rating	A	A	A
	$\eta_{L_{wh}}$	98%	93%	99%
	Capacity (kW)	5.25	7.0	11.2
HEATING ² (A-3/W35)	Power Input (kW)	1.84	2.24	3.71
	COP	2.85	3.12	3.02
OPERATING AMBIENT TEMPERATURE (°C DB) ⁷		-15 ~ +35°C	-20 ~ +35°C	-20 ~ +35°C
SOUND PRESSURE LEVEL AT 1M (dBA) ^{3,4}		46	51	54
LOW NOISE MODE (dBA) ^{3,5}		42	48	51
WATER DATA - Water connections made at indoor hydrobox	Flow Rate (l/min)	11.8	22.9	45.9
DIMENSIONS (mm)	Width	809+62 ⁸	950	950
	Depth	300	330+30 ³	330+30 ³
	Height	630	943	1350
WEIGHT (kg)	Type	43	75	118
REFRIGERANT	Type	R410A	R410A	R410A
	Charge (kg) - 10m pipe length	1.4	3.2	4.6
	Pipe Size - Gas/Liquid (mm (in))	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
	Connection Type	Flared	Flared	Flared
	Max Pipe Length (m)	40	40	75
	Min Pipe Length (m)	2	5	5
	Max Height Difference (m)	30	10	30
	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
	Phase	Single	Single	Single
	Nominal Running Current [MAX] (A)	3.8 [13]	8.1 [19]	17.5 [29.5]
ELECTRICAL DATA	Fuse Rating - MCB Sizes (A) ⁶	16	25	40

SYSTEM PRICES - please refer to sections 2.13 and 2.14

¹ Combination with EHST20(D)(C)-MHCW Cylinders

² Under normal heating conditions at outdoor temp: -3°CDB / -4°CWB, outlet water temp 35°C, inlet water temp 30°C

³ Under normal heating conditions at outdoor temp: 7°CDB / 6°CWB, outlet water temp 35°C, inlet water temp 30°C as tested to BS EN14511

⁴ Sound power level of the PUHZ-SW50VKA is 62dBA, PUHZ-SW75VHA2 is 65.6dBA, PUHZ-SW120VHA is 68.8dBA, as tested to BS EN12102

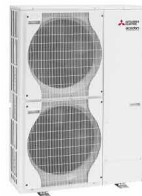
⁵ Grille

⁶ MCB Sizes BS EN60898-2 & BS EN60947-2

⁷ Heating maximum ambient temperature -21°CDB, DHW Hot water maximum ambient temperature -35°CDB

⁸ Electrical cover

η_{L_s} is the seasonal space heating energy efficiency (SSHEE) $\eta_{L_{wh}}$ is the water heating energy efficiency



EHST20(D)(C)-MHCW

FTC5 Cylinders for Ecodan Split Units

CYLINDER		EHST20D-MHCW	EHST20C-MHCW
NOMINAL HOT WATER VOLUME (LITRES)		200	200
APPLICABLE OUTDOOR UNIT		PUHZ-SW50VKA-BS	PUHZ-SW75VHA-BS / PUHZ-SW120VHA-BS
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++	A++ / A++
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A++	A++ / A++
HEAT PUMP COMBINATION HEATER - Large Profile	ErP Rating	A	A / A
OPERATING AMBIENT TEMPERATURE (°C DB)		0 ~ +35°C (RH<80%)	0 ~ +35°C (RH<80%)
SOUND PRESSURE LEVEL AT 1M (dBA)		28	28
WATER DATA			
	Flow Rate (l/min)	11.8 (SW50)	22.9 (SW75) / 45.9 (SW120)
	Primary Pump	Grundfos UPM2 15 70 - 130	Grundfos UPM2 15 70 - 130
	Sanitary Hot Water Pump	Grundfos UPSO 15-60 130 CIL2	Grundfos UPSO 15-60 130 CIL2
	Connection Size (mm) Heating / DHW	28 / 22	28 / 22
	Primary Expansion Vessel (Litres)	12	12
	Charge Pressure (MPa (Bar))	0.1 (1)	0.1 (1)
WATER SAFETY DEVICES	Water Circuit	Control Thermistor (°C)	1 - 80
		Pressure Relief Valve (MPa (Bar))	0.3 (3)
		Flow Sensor (minimum flow 5L/min)	Supplied
	DHW Cylinder	Control Thermistor (°C)	40-70
	Temp and Pressure Relief Valve (°C)/ (MPa (Bar))	90 / 0.7 (7)	90 / 0.7 (7)
DIMENSIONS (mm)			
	Width	595	595
	Depth	680	680
	Height	1600	1600
WEIGHT EMPTY / FULL (kg)		103 / 312	110 / 320
REFRIGERANT			
	Type	R410A	R410A
	Connection Size - Gas Liquid (mm)(in)	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")
	Connection Type	Flared	Flared
ELECTRICAL DATA	Control Board - optionally powered by outdoor unit	Electrical Supply	220-240v, 50Hz
		Phase	Single
		Fuse Rating - MCB Sizes (A) ¹	10
		Immersion Heater	Electrical Supply
Phase	Single		
Capacity (kW)	3		
Max Running Current (A)	13		
Fuse Rating - MCB Sizes (A) ¹	16		
MECHANICAL ZONES		DHW and 1 Heating Zone ²	DHW and 1 Heating Zone ²
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER		PAR-WT50-E Controller and PAR-WR51-E Receiver	
SYSTEM PRICES			
	PUHZ-SW50VKA	£4,073	N/A
	PUHZ-SW75VHA	N/A	£4,641
	PUHZ-SW120VHA	N/A	£5,588

System price includes: Outdoor Unit, Cylinder, Magnetic & Cyclonic Filter, G3 Compliance Kit, Warranty Card, Ecodan Homeowner DVD, FTC5 Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.

Cylinder includes: Flow Temperature Controller (FTC5) with Main Controller and Temperature Sensors, Pumps & Valves for Zone 1 and DHW use, Flow Sensor, Plate Heat Exchanger, Scale Trap, 3kW Immersion Heater and Expansion Vessel.

¹ 1 MCB Sizes BS EN60898-2 & BS EN60947-2 ² Optional 2 zone accessory pack available



EHS(D)(C)-MEC

FTC5 Hydroboxes for Ecodan Split Units

HYDROBOX		EHSD-MEC	EHSC-MEC
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++	A++ / A++
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A++	A++ / A++
OPERATING AMBIENT TEMPERATURE (°C DB)		0 ~ +35°C (RH<80%)	0 ~ +35°C (RH<80%)
APPLICABLE OUTDOOR UNITS		PUHZ-SW50VKA-BS	PUHZ-SW75VHA-BS / PUHZ-SW120VHA-BS
SOUND PRESSURE LEVEL AT 1M (dBA)		28	28
WATER DATA	Flow Rate (l/min)	11.8 (SW50)	22.9 (SW75) / 45.9 (SW120)
	Pump	Grundfos UPM2 15 70 - 130	Grundfos UPM2 15 70 - 130
	Connection Size (mm)	28	28
	Charge Pressure (MPa (Bar))	0.1 (1)	0.1 (1)
WATER SAFETY DEVICES	Control Thermistor (°C)	1 - 80	1 - 80
	Pressure Relief Valve (MPa (Bar))	0.3 (3)	0.3 (3)
	Flow Switch	Supplied	Supplied
	Width	530	530
DIMENSIONS (mm)	Depth	360	360
	Height	800	800
WEIGHT EMPTY / FULL (kg)		38 / 44	42 / 49
REFRIGERANT	Type	R410A	R410A
	Connection Size - Gas/Liquid (mm (in))	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")
	Connection Type	Flared	Flared
	Electrical Supply	220-240v, 50Hz	220-240v, 50Hz
ELECTRICAL DATA	Control Board - optionally powered by outdoor unit	Phase	Single
		Fuse Rating - MCB Sizes (A) ^{*1}	10
OPTIONAL SIMPLIFIED WIRELESS ROOM THERMOSTAT AND WIRELESS RECEIVER		PAR-WT50-E Controller and PAR-WR51-E Receiver	
SYSTEM PRICES		PUHZ-SW50VKA	£2,677
		PUHZ-SW75VHA	N/A
		PUHZ-SW120VHA	£3,313
			£4,260



System price includes: Outdoor Unit, Hydrobox, Magnetic & Cyclonic Filter, DHW Cylinder Sensor, Warranty Card, Ecodan Homeowner DVD, FTC5 Homeowner Quick Start Guide, Ecodan Commissioning Document and MCS Commissioning Label.
Hydrobox includes: Flow Temperature Controller (FTC5) with Main Controller and Temperature Sensors, Water Circulation Pump and Flow Sensor.

^{*1} MCB Sizes BS EN60898-2 & BS EN60947-2

FTC2B Flow Temperature Controller

For use with Ecodan Monobloc Units and Third Party BEMS

FTC2B		PAC-IF032B-E	
DIMENSIONS (mm)	Width	336	
	Depth	69	
	Height	278	
WEIGHT (kg)		2.4	
OPERATING AMBIENT TEMPERATURE (°C DB)		0~+35°C (RH<80%)	
ELECTRICAL DATA	Electrical Supply	Powered from outdoor unit (240v)	
	Phase	Single	
SYSTEM PRICES (-BS Coastal models)		PUHZ-W50VHA2	£1,929 (£1,999)
		PUHZ-W85VHA2	£2,704 (£2,812)
		PUHZ-W112VHA	£3,258 (£3,395)
		PUHZ-HW140VHA2	£4,181 (£4,363)
		PUHZ-HW140YHA2	£4,394 (£4,586)

System price includes: Outdoor Unit, Flow Temperature Controller (FTC2B) with Main Controller and Temperature Sensors, Magnetic & Cyclonic Filter, Ecodan Commissioning Document and Flexible Connection Pipes.



Energy Monitoring Packs

ENERGY MONITORING PACK ONE (EMP1)	PRICE
EMP1 is inbuilt energy monitoring and is included with every Flow Temperature Control 5 (FTC5) system free of charge. The system displays consumed and produced energy to the nearest kWh.	£ -
Optional Wi-Fi interface for use with MELCloud (PAC-WF010-E)	£72

ENERGY MONITORING PACK TWO (EMP2)	PRICE
EMP2 increases energy consumption accuracy and includes two Measuring Instrument Directive approved electric meters. EMP2 interfaces with FTC5 and records and measures to 1 pulse per watt hour, ensuring accurate energy consumption figures.	£72
Optional Wi-Fi interface for use with MELCloud (PAC-WF010-E)	£72

ENERGY MONITORING PACK THREE-MONOBLOC (EMP3-M) MMSP COMPLIANT	PRICE
EMP3-M for Ecodan monobloc systems contains the two electric meters from EMP2, a Measuring Instrument Directive approved heat meter with resolution to 1 Wh, a MELCloud Wi-Fi interface and 1 years rolling data storage. This pack complies to the DECC metering and monitoring service pack criteria required for the additional domestic RHI payments.	£697

ENERGY MONITORING PACK THREE-MONOBLOC (EMP3-M-3ph) MMSP COMPLIANT	PRICE
EMP3-M-3ph for Ecodan monobloc systems contains the two electric meters (1 x single phase and 1 x 3 phase electric meters), a Measuring Instrument Directive approved heat meter with resolution to 1 Wh, a MELCloud Wi-Fi interface and 1 years rolling data storage. This pack complies to the DECC metering and monitoring service pack criteria required for the additional domestic RHI payments.	£777

Energy Monitoring Packs

ENERGY MONITORING PACK THREE-SPLIT (EMP3-S) MMSP COMPLIANT	PRICE
EMP3-S for Ecodan split systems contains the two electric meters from EMP2, a Measuring Instrument Directive approved heat meter with resolution to 1 Wh, a MELCloud Wi-Fi interface and 1 years rolling data storage. This pack complies to the DECC metering and monitoring service pack criteria required for the additional domestic RHI payments.	£697

ENERGY MONITORING PACK HYBRID-MONOBLOC (EMPH-M)	PRICE
EMPH-M for Ecodan monobloc systems includes a Measuring Instrument Directive approved heat meter with resolution to 1 kWh that is required for hybrid systems claiming domestic RHI.	£319
Single phase electric meter / 3 phase electric meter	£36 / £116
Optional Wi-Fi interface for use with MELCloud (PAC-WF010-E)	£72

ENERGY MONITORING PACK HYBRID-SPLIT (EMPH-S)	PRICE
EMPH-S for split systems includes a Measuring Instrument Directive approved heat meter with resolution to 1 kWh that is required for hybrid systems claiming domestic RHI.	£319
Single phase electric meter / 3 phase electric meter	£36 / £116
Optional Wi-Fi interface for use with MELCloud (PAC-WF010-E)	£72

Ecodan

Accessories / Optional Extras

DESCRIPTION	MODEL REF.	PRICE
PUHZ / QUHZ Accessories		
Remote Sensor - A Wired Thermistor available for Room Temperature Monitoring	PAC-SE41TS-E	£23
Drain Socket Set	PAC-SH71DS-E	£17
Wireless Remote Controller Transmitter	PAR-WT50R-E	£47
Wireless Remote Controller Receiver	PAR-WR51R-E	£42
A wireless receiver should be purchased with a wireless transmitter. Up to 8 transmitters can be paired with 1 wireless receiver		
Remote Controller Blanking Plate	PAC-RC01	-
Standard Sensor - for optional 2-Zone Control on Standalone Systems (PUHZ)	PAC-TH011-E	£25
High Temperature Sensor (PUHZ)	PAC-TH011HT-E	£29
DHW Cylinder Sensor (PUHZ)	PAC-TH011TK-E	£21
2 Zone Pack 1 - suitable for 2 zone applications where the temperature of both zones is the same. Pack contains 1 x 15-60 pump and isolation valves.	2ZONEP1	£171
2 Zone Pack 2 - suitable for 2 zone applications where the temperature of each zone is different. Pack contains 1 x 15-60 pump, isolation valves, mixing valve / actuator and standard flow and return sensors for each zone (PUHZ)	2ZONEP2	£514
Fix-it foot 600 kit		£33 a pair
Fernox HP-5C Antifreeze containing biocide 10ltr		£47
Fernox HP-5C Antifreeze containing biocide 25ltr		£109
3 wire adapter for low noise mode (PUHZ)		£6
MELCloud Wi-Fi Interface	PAC-WF010-E	£72
TF1 Magnetic Particle Filter - 22mm PUHZ-W50-85VHA2 / PUHZ-SW50-75VKA/VHA / QUHZ-W40VA		£83
TF1 Magnetic Particle Filter - 28mm PUHZ-(H)W112-140VHA(2)/YHA2 / PUHZ-SW120VHA		£83
Flexible Connection Pipes (PUHZ)		£47
Flexible Connection Pipes (QUHZ)		£38
CAHV Accessories		
Main Pipework Thermistor	TW-TH16	£330
Differential Pressure Switch for Water Systems	KS10-EP100S	£138
Wired Remote Controller	PAR-W21MAA-J	£128
Centralised Controller	AE-200E	£1,717
AE-200E Back Box - for wall recessed mounting	PAC-YG84UTB	£64
AE-200E Wall Mounted Box - for wall mounting	PAC-YG82TB	£96
CRHV Accessories		
Main Pipework Thermistor	TW-TH16	£330
Wired Remote Controller	PAR-W21MAA-J	£128
External Temperature Sensor and Solar Guard	TMP-O	£46
Differential Pressure Switch for Water Systems	KS10-EP100S	£138

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

The Renewable Solutions Provider
Making a World of Difference

Ventilation

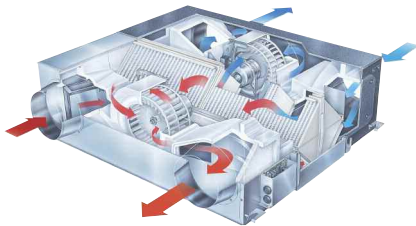


Air Conditioning | Heating
Ventilation | Controls





Fresh Air Ventilation Range



Why Do We Need Fresh Air Ventilation?

Poor indoor air quality can be attributed to many problems inside a building. Excess humidity causes dampness, rot and mould, whilst pollutants are known to be a major cause of damaging health issues such as asthma and eczema. Stale air is also believed to lead to a loss in productivity and low morale.

As the demand for improved energy efficiency results in increasingly airtight buildings, natural ventilation proves less effective and drives the need for mechanical ventilation. With increasing legislation, the challenge for designers, installers and occupiers of any building is to find ventilation that's both effective and energy efficient.

Mitsubishi Electric meets this need with a range of ventilation products covering mechanical ventilation with heat recovery units (MVHR). These systems have been designed to deliver a fresh air supply to a building whilst simultaneously extracting stale air in the most energy efficient manner possible by utilising heat recovery technology.

Benefits include:

- Clean, fresh air
- Improved air quality and comfort
- Increased climate control
- Energy efficient heat recovery
- Reduced energy bills



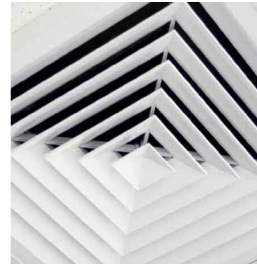
Fresh Air

Ventilation

Range

Contents

Lossnay VL-100(E)U₅-E Wall Mounted Model	3.4
Lossnay VL-220CZGV-EB Residential / Light Commercial Model	3.5
Lossnay LGH-RVX-E Commercial Series	3.6
Lossnay LGH-RVXT-E Commercial Series	3.7
Lossnay Accessories	3.8



VL-100(E)U₅-E

Wall Mounted Model

WALL - MOUNTED		VL-100U ₅ -E	VL-100EU ₅ -E
ELECTRICAL POWER SUPPLY		220-240V, 50Hz	220-240V, 50Hz
PHASE		Single	Single
POWER CONSUMPTION (W)	Low	17	17
	High	34	34
AIRFLOW (m³/h)	Low	61	61
	High	106	106
SOUND PRESSURE LEVEL (dBA)	Low	27	27
	High	38	38
TEMPERATURE EXCHANGE EFFICIENCY (%)	Low	79	79
	High	72	72
WEIGHT (kg)		7.5	7.5
DIMENSIONS (mm)	Width	620	620
	Depth	200	200
	Height	265	265
DUCT SIZE (mm)		2 x Ø75	2 x Ø75
FUSE RATING (BS88) - HRC (A)		6	6
MAINS CABLE No. Cores		3	3
CONTROL ON/OFF		Pull Cord	VFC for External Wall Switch (Field Supply)

PRICE

£210

£210



VL-220CZGV-EB

Residential / Light Commercial Model

MODEL		VL-220CZGV-EB			
ELECTRICAL POWER SUPPLY		220-240V/50Hz			
WEIGHT (kg)		32			
FAN SPEED		1	2	3	4
RUNNING CURRENT (A)		0.11	0.18	0.29	0.60
INPUT POWER (W)		8.5	18.5	35	80
AIRFLOW (m³/h)		65	120	165	220
AIRFLOW (l/s)		18	33	46	61
EXTERNAL STATIC PRESSURE (Pa)		13	44	84	164
TEMPERATURE EXCHANGE EFFICIENCY (%)		86	85	84	82
NOISE (dB)		14.0	19.0	25.0	31.0
DIMENSIONS (mm)	Width	850			
	Depth	720			
	Height	340			
MAXIMUM CURRENT (A)		0.8			
PRICE		£969			

Price includes: VL-220CZGV-EB and P-133DUE bypass damper.



LGH-RVX-E

Commercial Series

COMMERCIAL MODELS		LGH15RVX-E	LGH25RVX-E	LGH35RVX-E	LGH50RVX-E	LGH65RVX-E	LGH80RVX-E	LGH100RVX-E	LGH150RVX-E	LGH200RVX-E		
ELECTRICAL POWER SUPPLY		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz		
RUNNING CURRENT (A)	SP1	0.10	0.10	0.12	0.13	0.15	0.15	0.17	0.29	0.33		
	SP2	0.15	0.16	0.26	0.26	0.39	0.36	0.50	0.70	0.88		
	SP3	0.24	0.28	0.54	0.59	0.90	0.83	1.20	1.75	2.20		
	SP4	0.40	0.48	0.98	1.15	1.65	1.82	2.50	3.71	4.88		
INPUT POWER (W)	SP1	7	8	11	12	15	18	21	38	42		
	SP2	14	16	31	32	49	60	75	123	153		
	SP3	28	33	70	78	131	151	200	311	400		
	SP4	49	62	140	165	252	335	420	670	850		
AIRFLOW (m³/h)²	SP1	38	63	88	125	163	200	250	375	500		
	SP2	75	125	175	250	325	400	500	750	1000		
	SP3	113	188	263	375	488	600	750	1125	1500		
	SP4	150	250	350	500	650	800	1000	1500	2000		
AIRFLOW (l/s)²	SP1	10	17	24	35	45	56	69	104	139		
	SP2	21	35	49	69	90	111	139	208	278		
	SP3	31	52	73	104	135	167	208	313	417		
	SP4	42	69	97	139	181	222	278	417	556		
SPECIFIC FAN POWER (W/(l/s))	SP1	0.70	0.47	0.46	0.34	0.33	0.32	0.30	0.37	0.30		
	SP2	0.67	0.46	0.63	0.46	0.54	0.54	0.54	0.59	0.55		
	SP3	0.90	0.63	0.96	0.75	0.97	0.90	0.96	0.99	0.96		
	SP4	1.17	0.90	1.44	1.19	1.39	1.51	1.51	1.61	1.53		
EXTERNAL STATIC PRESSURE (Pa)	SP1	6	5	10	8	8	10	11	11	10		
	SP2	24	21	40	30	30	38	43	44	38		
	SP3	54	48	90	68	68	85	96	98	84		
	SP4	95	85	160	120	120	150	170	175	150		
SOUND PRESSURE LEVEL (dBA)	SP1	17	17	17	18	18	18	18	18	18		
	SP2	19	20	20	19	22	23	23	24	28		
	SP3	24	22	28	28	29	30	31	32	36		
	SP4	28	27	32	34	34.5	34.5	37	39	40		
TEMPERATURE EXCHANGE EFFICIENCY (%)	SP1	84	86	88.5	87	86	85	89.5	85	89.5		
	SP2	83	82	86	83.5	84	84	86.5	84	86.5		
	SP3	81	80	82.5	81	81	82.5	83	82.5	83		
	SP4	80	79	80	78	77	79	80	80	80		
ENTHALPY EXCHANGE EFFICIENCY (%)	Heating	SP1	79	83	83.5	82.5	82	81	87	81	87	
		SP2	78	76	78.5	75	76	78	78	78	78	
		SP3	75.5	72	74	71	71	73.5	74	73.5	74	
		SP4	73	69.5	71.5	69	68.5	71	72.5	72	72.5	
	Cooling	SP1	79	83	82	82	81	81	85.5	81	85.5	
		SP2	78	74.5	78	72.5	74	78	77	78	77	
		SP3	74.5	70	73	68	69.5	72.5	73	72.5	73	
		SP4	71	68	71	66.5	66	70	71	70.5	71	
WEIGHT (kg)		20	23	30	33	38	48	54	98	110		
DIMENSIONS (mm)		Width x Depth x Height		780 x 610 x 289	780 x 735 x 289	888 x 874 x 331	888 x 1016 x 331	908 x 954 x 404	1144 x 1004 x 404	1144 x 1231 x 404	1144 x 1004 x 808	1144 x 1231 x 808
DUCT SIZE (mm)		100	150	150	200	200	250	250	SA RA250 (CAEA)270 x 700		SA RA250 (CAEA)270 x 700	
STANDARD FILTER¹		EU-G3	EU-G3	EU-G3	EU-G3	EU-G3	EU-G3	EU-G3	EU-G3	EU-G3		
FUSE RATING (BS88) – HRC (A)		6	6	6	6	6	6	6	10	10		

PRICE

£480

£566

£744

£909

£1,136

£1,331

£1,528

£2,625

£2,999

Notes: Running Current, Input Power and Recovery Efficiency are based on the above airflow rate, power supply 240V, 50Hz. Sound Pressure Level measured at 1.5m under the centre of panel.

*1: EU-F7 filter available as optional parts. *2: Airflow tested to Japan industrial standard JIS B 8628. SP1, SP2, SP3 & SP4 relate to the fan speeds of the Logsnay RVX units i.e. fanspeed 1, 2, 3 & 4.



LGH-RVXT-E

Commercial Series



COMMERCIAL MODELS		LGH150RVXT-E	LGH200RVXT-E	LGH250RVXT-E
ELECTRICAL POWER SUPPLY		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
RUNNING CURRENT (A)	SP1	0.36	0.39	0.57
	SP2	1.10	1.10	1.40
	SP3	2.40	2.70	3.60
	SP4	4.30	5.40	7.60
INPUT POWER (W)	SP1	48	56	82
	SP2	176	197	244
	SP3	421	494	687
	SP4	792	1000	1446
AIRFLOW (m³/h)²	SP1	375	500	625
	SP2	750	1000	1250
	SP3	1125	1500	1875
	SP4	1500	2000	2500
AIRFLOW (l/s)²	SP1	104	139	174
	SP2	208	278	347
	SP3	313	417	521
	SP4	417	556	694
SPECIFIC FAN POWER (W/(l/s))	SP1	0.46	0.40	0.47
	SP2	0.85	0.71	0.70
	SP3	1.35	1.18	1.32
	SP4	1.90	1.80	2.08
EXTERNAL STATIC PRESSURE (Pa)	SP1	11	11	11
	SP2	44	44	44
	SP3	98	98	98
	SP4	175	175	175
SOUND PRESSURE LEVEL (dBA)	SP1	22	22	24
	SP2	29.5	28	32
	SP3	35.5	35.5	39
	SP4	39.5	39.5	43
TEMPERATURE EXCHANGE EFFICIENCY (%)	SP1	81.5	84	82.5
	SP2	81	82.5	80.5
	SP3	80.5	81	79
	SP4	80	80	77
ENTHALPY EXCHANGE EFFICIENCY (%)	Heating	SP1	75	83
		SP2	73	77
		SP3	71	73.5
		SP4	70	72.5
	Cooling	SP1	74	80.5
		SP2	72	74.5
		SP3	70	71
		SP4	69	70
WEIGHT (kg)		156	159	198
DIMENSIONS (mm)	Width x Depth x Height	1980 x 1500 x 500	1980 x 1500 x 500	1980 x 1500 x 500
DUCT SIZE (mm)		250 x 750	250 x 750	250 x 750
STANDARD FILTER¹		EU-G3	EU-G3	EU-G3
FUSE RATING (BS88) – HRC (A)		10	10	10

PRICE	£2,813	£3,123	£4,146
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Notes: Running Current, Input Power and Recovery Efficiency are based on the above airflow rate, power supply 240v, 50Hz. Sound Pressure Level measured at 1.5m under the centre of panel.
 *1:M6 medium efficiency filter and F8 high efficiency filter available as optional parts. *2: Airflow tested to Japan industrial standard JIS B 8628. SP1, SP2, SP3 & SP4 relate to the fan speeds of the Lossnay RVXT units i.e. fanspeed 1, 2, 3 & 4.



Lossnay

Accessories

DESCRIPTION	MODEL REF.	PRICE
Remote Controllers		
Lossnay Remote Controller for LGH-RVX(T)-E and VL-220CZGV-EB	PZ-61DR-E	£83
Lossnay Simplified Remote Controller for VL-220CZGV-EB	PZ-43SMF-E	£83
Medium Efficiency Filters		
Medium Efficiency Filter for VL-220CZGV-EB	P-220EMF-E	£92
Medium Efficiency Filter for LGH-RVXT-E	PZ-M6RTFM-E	£446
High Efficiency Filters		
High Efficiency Filter for VL-100(E)U ₅ -E	P-100HF ₅ -E	£48
High Efficiency Filter for VL-220CZGV-EB	P-220SHF-E	£104
High Efficiency Filter for LGH-15RVX-E	PZ-15RFM-E	£92
High Efficiency Filter for LGH-25RVX-E	PZ-25RFM-E	£101
High Efficiency Filter for LGH-35RVX-E	PZ-35RFM-E	£109
High Efficiency Filter for LGH-50RVX-E	PZ-50RFM-E	£118
High Efficiency Filter for LGH-65RVX-E	PZ-65RFM-E	£129
High Efficiency Filter for LGH-80RVX-E / LGH-150RVX-E (2 sets)	PZ-80RFM-E	£135
High Efficiency Filter for LGH-100RVX-E / LGH-200RVX-E (2 sets)	PZ-100RFM-E	£162
High Efficiency Filter for LGH-RVXT-E	PZ-F8RTFM-E	£474
Extension Pipe Kit		
Extension Pipe for VL-100(E)U ₅ -E	P-100P-E	£20
Extension Pipe joint for VL-100(E)U ₅ -E	P-100PJ-E	£20
Weather Proof Housings		
Lossnay weather proof housings are also available		£POA

The Renewable Solutions Provider
Making a World of Difference

Controls



Air Conditioning | Heating
Ventilation | Controls





The Importance of Controls



The need for control is paramount in order to optimise the performance of any air conditioning, heating or ventilation system and minimise its running costs and the emissions generated. Mitsubishi Electric offer a wide range of control options designed to do just this.

Operating an air conditioning, heating or ventilation system without the right control can prove costly. It's therefore important to ensure that every system is correctly specified and integrated within the building to the degree of control it requires. Mitsubishi Electric have a wide range of controls available 'off-the-shelf' and where needed, individual control systems can be specifically designed to suit.

Good controls will benefit any application, large or small. Our range of products need to react to a variety of factors: different room sizes, usage and customer levels, changes in the climate, electronic equipment and lighting etc.

The ability to monitor the energy consumption and operation of systems is also vital. It is often said that you cannot manage what you are not measuring. Our control systems will enable simple measuring and monitoring of energy consumption and running costs to ensure operation is maintained.

So whatever the application, optimum control of our systems is essential and will result in a constant, comfortable environment, which in turn is both energy and cost efficient.

A Degree of Difference

When an air conditioning, heating or ventilation system is not properly controlled, it will not run as efficiently as it should. For every degree that the system deviates from the required temperature, energy costs can rise by up to 5%. Specify one of the many control options from Mitsubishi Electric to ensure our products work as intended, whilst giving the optimum amount of control.

The Importance of

Controls

Contents

Remote Controllers	4.4
Interfaces	4.6
Centralised Controllers	4.9
BEMS Interfaces	4.11
Solution Interfaces	4.13



Remote Controllers

REMOTE CONTROLLERS	PAC-YT52CRA	PAC-YT52CRAS	PAR-U02MEDA	PAR-32MAA	PAR-FL32MA	PAR-FA32MA
						
Description	Simplified Remote Controller	Silver Simplified Remote Controller	Touch Remote Controller	Standard Remote Controller	Infrared Remote Controller	Infrared Receiver
Connect to	Indoor	Indoor	MNET Network	Indoor	-	Indoor
Max Number of Units	16	16	16	16	-	16
Compatibility	Mr Slim, City Multi and M Series via MAC-397IF	Mr Slim, City Multi and M Series via MAC-397IF	City Multi (M Series and Mr Slim via A2M adapter)	Mr Slim, City Multi and M Series via MAC-397IF	Mr Slim, City Multi and M Series via MAC-397IF	Mr Slim, City Multi and M Series via MAC-397IF
Dimensions (mm) (WxDxH)	120 x 14.5 x 70	120 x 14.5 x 70	140 x 25 x 120	120 x 19 x 120	157 x 18 x 57	120 x 18 x 70
Control	On/Off Mode Setpoint Fan Speed Air Direction Permit/Prohibit Filter Sign	✓ ✓ ✓ ✓ x ✓ ¹ x	✓ ✓ (0.5°C) ✓ ✓ ✓ ✓	✓ ✓ (0.5°C) ✓ ✓ ✓ ✓	✓ ✓ (0.5°C) ✓ ✓ ✓ x	- - - - - - -
Monitor	On/Off Mode Setpoint Fan Speed Air Direction Permit/Prohibit Filter Sign Fault Codes Room Temperature	✓ ✓ ✓ ✓ ✓ ✓ ¹ ✓ ✓ ✓	✓ ✓ (0.5°C) ✓ ✓ ✓ ✓ ✓ (0.5°C)	✓ ✓ (0.5°C) ✓ ✓ ✓ ✓ ✓ (0.5°C)	✓ ✓ ✓ ✓ ✓ ✓ x x x	- - - - - - - LED -
Backlight	✓	✓	✓	✓	x	-
Setpoint Limitation	x	x	✓	✓	x	-
Independent Vane Control	x	x	x	✓	x	-
Contact Number under Fault Condition	x	x	x	x	x	-
Scheduling	x	x	Weekly	Weekly	x	-
Night Set Back	x	x	✓	✓	x	-
Button Lock	x	x	✓	✓	x	-
Easy Maintenance with Mr Slim	x	x	x	✓	x	-
Run / Standby with Mr Slim	x	x	x	✓	x	-
Silent Mode with Mr Slim	x	x	x	✓	x	-
Energy Saving with Mr Slim	x	x	x	✓	x	-
Occupancy Sensor (PIR)	x	x	✓	x	x	-
PRICE	£111	£111	£147	£75	£36	£58

Notes: ¹ Permit/Prohibit is via Centralised Controllers. ✓ = Yes, x = No, - = Not applicable.

Remote Controllers

REMOTE CONTROLLERS	AE-200E-WEB USER	PZ-61DR-E	PZ-43SMF-E	PAR-W21MAA	PAR-WT50R-E	PAR-WR51R-E	PAC-IF062B-E
							
Description	PC Remote Controller	Lossnay Remote Controller	Lossnay Simplified Remote Controller	Standard Remote Controller	Wireless Remote Controller Transmitter	Wireless Remote Controller Receiver	Flow Temperature Controller 5
Connect to	AE-200E and EW-50E	Indoor	Indoor	PWFY, Mr Slim Air Curtains, Ecodan CAHV / CRHV	-	FTCS	Ecodan PUHZ
Max Number of Units	200	2	2	16	8	1	1
Compatibility	AE-200E and EW-50E	Lossnay LGH-RVX(T)-E	Lossnay VL-220CZGV-EB	City Multi PWFY Mr Slim Air Curtains	Ecodan PUHZ	Ecodan PUHZ	Ecodan PUHZ
Dimensions (mm) (WxDxH)	-	120 x 19 x 120	70 x 15 x 120	130 x 19 x 120	140 x 18 x 75	100 x 30 x 80	120 x 19 x 120
Control	On/Off	✓	✓	✓	✓	-	✓
	Mode	✓	✓	✓	✓	-	✓
	Setpoint	✓	x	✓	✓	-	✓
	Fan Speed	✓	✓	x	x	-	x
	Air Direction	✓	x	x	x	-	x
	Permit/Prohibit	x	x	-	x	-	x
	Filter Sign	x	x	x	x	-	x
Monitor	On/Off	✓	✓	✓	✓	-	✓
	Mode	✓	✓	✓	✓	-	✓
	Setpoint	✓	✓	✓	✓	-	✓
	Fan Speed	✓	✓	✓	x	-	x
	Air Direction	✓	x	x	x	-	x
	Permit/Prohibit	✓	x	x	x	-	x
	Filter Sign	x	✓	✓	x	-	x
	Fault Codes	x	x	✓	x	-	✓
	Room Temperature	✓	x	x	✓	-	✓
Backlight	x	✓	x	x	✓	-	✓
Setpoint Limitation	x	x	x	✓	✓	-	x
Independent Vane Control	x	x	x	✓	x	-	x
Contact Number under Fault Condition	x	x	x	x	x	-	x
Scheduling	x	Weekly	x	Weekly	Weekly	-	Weekly
Night Set Back	x	✓	x	✓	✓	-	✓
Button Lock	✓	x	x	✓	x	-	✓
Easy Maintenance with Mr Slim	x	x	x	x	x	-	x
Run / Standby with Mr Slim	x	x	x	x	x	-	x
Silent Mode with Mr Slim	x	x	x	x	x	-	x
Energy Saving with Mr Slim	x	x	x	x	x	-	x
Occupancy Sensor (PIR)	x	x	x	x	x	-	x
PRICE	£160	£83	£83	£128	£47	£42	£549

Notes: *1 Permit/Prohibit is via Centralised Controllers. ✓ = Yes, x = No, - = Not applicable.

Pricing Notifications

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Interfaces

INTERFACES	PAC-SA89TA	PAC-SA89TA	PAC-CN32WHMC	PAC-SA88HA	PAC-SA88HA	PAC-SA88HA	PAC-YT51HAA	PAC-YG10HA	PAC-SJ19MA ^{*2} PAC-SF83MA ^{*2}
									
Description	On/Off Adapter (3 wire adapter)	Night Mode and Demand Control (3 wire adapter)	Pulse Energy Meter Input	Run and Fault Adapter (5 wire adapter)	Heat and Cool Adapter (5 wire adapter)	Run and Fault Adapter (5 wire adapter)	On/Off Run and Fault Adapter	On/Off Run and Fault Adapter (9 wire adapter)	M-NET Converter
Connect to	Indoor	Outdoor	Outdoor	Indoor	Indoor	Outdoor	AT-50B	AE-200E and EW-50E	Outdoor
Max Number of Units	1	1	1	1	1	1	1	1	1
Compatibility	Mr Slim and City Multi	Mr Slim and City Multi	City Multi	Mr Slim and City Multi	City Multi	City Multi	AT-50B	AE-200E and EW-50E	Mr Slim Outdoor
Dimensions (mm) (WxDxH)	-	-	-	-	-	-	-	-	130 x 15 x 90
Control	On/Off Mode Setpoint Fan Speed Air Direction Permit/Prohibit Filter Sign	✓ x x x x x x	- x - - - - -	x x x x x x	x x x x x x	x x x x x x	✓ x x x x x x	✓ x x x x x x	- - - - - - -
Monitor	On/Off Mode Setpoint Fan Speed Air Direction Permit/Prohibit Filter Sign Fault Codes Room Temperature Fire Alarm	x x x x x x x x x ✓	- x - - - - - - - -	✓ x x x x x x ✓ x x	x ✓ x x x x x ✓ x x	✓ x x x x x x ✓ x x	✓ x x x x x x ✓ x x	✓ x x x x x x ✓ x x	- - - - - - - - - -
On/Off but Centrally Controlled	VFC	x	-	x	x	x	VFC	Via 24VDC	-
On/Off but NOT Centrally Controlled	x	x	-	x	x	x	x	x	-
Run and Fault Output	x	x	-	12VDC	x	12VDC	Via 24VDC	Via 24VDC	-
Heat and Cool Output	x	x	-	x	12VDC	x	x	x	-
Night Mode and Demand Control	x	VFC	-	x	x	x	x	x	-
Connect Mr Slim to M-NET	-	-	-	-	-	-	-	-	✓ ^{*1}
PRICE	£6	£6	£6	£10	£10	£10	£19	£32	£119

Notes: VFC: Volt free contact. *1 PUHZ-(Z)R outdoor type only unit. *2 PAC-SJ19MA compatible with PUHZ-ZRP35-50. PAC-SF83MA compatible with all other PUHZ-(Z)R/P. ✓ = Yes, x = No, - = Not applicable.

Interfaces

INTERFACES	TCB1	IO INTERFACE	PAC-YG60MCA	PAC-YG63MCA	PAC-YG66DCA
					
Description	On/Off Adapter	Input / Output Interface	Pulse Meter Interface	Temperature Interface	Third Party Interface
Connect to	Indoor	Indoor	M-NET Network	M-NET Network	M-NET Network
Max Number of Units	1	1	4 Pulse Meters	1 PT100, 1 Humidity Sensor	2 General Equipment
Compatibility	Mr Slim and City Multi	M Series and Mr Slim	AE-200E and EW-50E	AE-200E and EW-50E	AE-200E and EW-50E
Power Supply	12VDC	-	24VDC	24VDC	24VDC
Dimensions (mm) (WxDxH)	80 x 45 x 80	85 x 32 x 138	200 x 45 x 120	200 x 45 x 120	200 x 45 x 120
Control	On/Off	VFC	-	-	✓
	Mode	0 to 10VDC	-	-	x
	Setpoint	0 to 10VDC	-	-	x
	Fan Speed	0 to 10VDC	-	-	x
	Air Direction	-	-	-	x
	Permit/Prohibit	VFC	-	-	x
	Filter Sign	-	-	-	x
Monitor	On/Off	VFC	-	-	✓
	Mode	VFC	-	-	x
	Setpoint	-	-	-	x
	Fan Speed	-	-	-	x
	Air Direction	-	-	-	x
	Permit/Prohibit	-	-	-	x
	Filter Sign	-	-	-	x
	Fault Codes	-	-	-	✓
	Room Temperature	-	-	-	x
On/Off but Centrally Controlled	x	VFC	x	-	-
On/Off but NOT Centrally Controlled	12VDC	VFC	x	-	-
Run Output	x	VFC	x	-	-
Fault Output	x	VFC	x	-	-
Energy Saving	x	VFC	x	-	-
Heat / Cool / Thermo Output	x	VFC	x	-	-
Pulse Weight	x	x	0.1, 1.0 and 10	-	-
PRICE	£52	£173	£320	£320	£320

Notes: VFC: Volt free contact. ✓ = Yes, x = No, - = Not applicable.

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Interfaces

INTERFACES	MAC-397IF	MAC-333IF	MAC-557IF	PAC-WF010
				
Description	M Series Adapter	Adapter and MNET Converter for M Series	Wi-Fi Interface	Wi-Fi Interface
Connect to	Indoor	Indoor	Indoor	Indoor
Max Number of Units	1	1	1	1
Compatibility	M Series and Mr Slim	M Series and Mr Slim	M Series and Mr Slim	Ecodan FTC5
Power Supply	-	-	-	-
Dimensions (mm) (WxDxH)	160 x 55 x 70	160 x 55 x 70	88 x 18.5 x 49	88 x 18.5 x 49
Control				
On/Off	✓	✓	✓	✓
Mode	x	x	✓	✓
Setpoint	x	x	✓	✓
Fan Speed	x	x	✓	✓
Air Direction	x	x	✓	✓
Permit/Prohibit	x	x	x	x
Filter Sign	x	x	x	x
Monitor				
On/Off	✓	✓	✓	✓
Mode	x	x	✓	✓
Setpoint	x	x	✓	✓
Fan Speed	x	x	✓	✓
Air Direction	x	x	✓	✓
Permit/Prohibit	x	x	x	x
Filter Sign	x	x	✓	✓
Fault Codes	✓	✓	✓	✓
Room Temperature	x	x	✓	✓
On/Off but Centrally Controlled	x	x	-	-
On/Off but NOT Centrally Controlled	✓	✓	-	-
Run Output	x	x	-	-
Fault Output	x	x	-	-
Energy Saving	x	x	-	-
Heat / Cool / Thermo Output	x	x	-	-
Pulse Weight	x	x	-	-
PRICE	£54	£121	£72	£72

Notes: VFC: Volt free contact. ✓= Yes, x = No, - = Not applicable.

Centralised Controllers

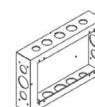
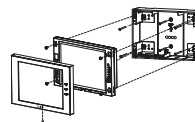
CENTRALISED CONTROLLERS

AT-50B

AE-200E

PAC-YG82TB

PAC-YG84UTB



Description		5" Touch Screen Controller	10.4" Touch Screen Controller	AE-200E Wall Mounted Box	AE-200E Back Box
Connect to		M-NET Network	M-NET Network	-	-
Max Number of Units		50	50 and 4 Pulse Meters	-	-
Compatibility		M Series, Mr Slim and City Multi	M Series, Mr Slim, City Multi, Lossnay and Ecodan CAHV	AE-200E	AE-200E
Power Supply		Via PAC-SC51KUA ¹⁾	220-240v, 50Hz	-	-
Dimensions (mm) (WxDxH)		180 x 30 x 120	283 x 64 x 199	282 x 77 x 198	380 x 90 x 280
Control	On/Off	✓	✓	-	-
	Mode	✓	✓	-	-
	Setpoint	✓	✓	-	-
	Fan Speed	✓	✓	-	-
	Air Direction	✓	✓	-	-
	Permit/Prohibit	✓	✓	-	-
	Filter Sign	✓	✓	-	-
Monitor	On/Off	✓	✓	-	-
	Mode	✓	✓	-	-
	Setpoint	✓	✓	-	-
	Fan Speed	✓	✓	-	-
	Air Direction	✓	✓	-	-
	Permit/Prohibit	✓	✓	-	-
	Filter Sign	✓	✓	-	-
	Fault Codes	✓	✓	-	-
	Room Temperature	✓	✓	-	-
Weekly Schedule		✓	✓	-	-
Annual Schedule		x	✓	-	-
Night Set Back		✓	✓	-	-
Web Pages		x	✓	-	-
Optimised Start		x	✓	-	-
Automatic Setpoint Adjustment		x	✓	-	-
Load Shedding		x	✓	-	-
Occupied / Unoccupied Settings Reset		x	x	-	-
Remote Monitoring with M2M		x	✓	-	-
Simple Energy Monitoring		x	✓	-	-
Advanced Energy Monitoring		x	✓	-	-
PRICE		£833	£1,717	£96	£64

Notes: AE-200E demonstration website: http://dl.mitsubishielectric.co.jp/dl/dg/wink/wink_doc/contents/doc/acr/menu/ae200/en/

AE-200E PIN CODES: AE-200E-ENERGY £475 AE-200E-BAGNET £900 AE-200E-WEB USER £160

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Centralised Controllers

CENTRALISED CONTROLLERS

EW-50E

PAC-SC51KUA

PAC-SF46EPA



Description		Web Interface and AE-200E expansion controller	M-NET Power Supply	M-NET Booster
Connect to		M-NET Network	M-NET Network	M-NET Network
Max Number of Units		50 and 4 Pulse Meters	50	-
Compatibility		M Series, Mr Slim and City Multi	AT-50B, EW-50E and AE-200E	M Series, Mr Slim and City Multi
Power Supply		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
Dimensions (mm) (WxDxH)		172 x 92 x 253	271 x 72 x 169	360 x 59 x 340
Control	On/Off	✓	-	-
	Mode	✓	-	-
	Setpoint	✓	-	-
	Fan Speed	✓	-	-
	Air Direction	✓	-	-
	Permit/Prohibit	✓	-	-
	Filter Sign	✓	-	-
Monitor	On/Off	✓	-	-
	Mode	✓	-	-
	Setpoint	✓	-	-
	Fan Speed	✓	-	-
	Air Direction	✓	-	-
	Permit/Prohibit	✓	-	-
	Filter Sign	✓	-	-
	Fault Codes	✓	-	-
	Room Temperature	✓	-	-
Weekly Schedule		✓	-	-
Annual Schedule		✓	-	-
Night Set Back		✓	-	-
Web Pages		✓	-	-
Optimised Start		✓	-	-
Automatic Setpoint Adjustment		✓	-	-
Load Shedding		✓	-	-
Occupied / Unoccupied Settings Reset		x	-	-
Remote Monitoring with M2M		✓	-	-
Simple Energy Monitoring		✓	-	-
Advanced Energy Monitoring		✓	-	-

PRICE

£1,040

£235

£437

Notes: The EW-50E expansion controller cannot be used with BEMS interfaces.

BEMS Interfaces

BEMS INTERFACES

MELCOBEMS MINI

BAC-HD150



Description		Air to Air Splits Modbus/BACnet Interface. Air (Water) to Water Modbus Interface		MNET BACnet Interface
Connect to		Indoor		M-NET
Max Number of Units		1		50
Compatibility		M Series, Mr Slim, Ecodan FTC4/5, CAHV, CRHV		M Series, Mr Slim and City Multi
Power Supply		-		220-240v, 50Hz
Dimensions (mm) (WxDxH)		70 x 19 x 50		250 x 97 x 266
Network		Modbus / BACnet RS485		BACnet TCP/IP
BEMS Compatibility		Cylon, Satchwell, Crestron, Invensys, Interactive Homes, North BT, Andover, Siemens, WEMS, RDM		Andover Controls, York BMS, Siemens, Priva Building Intelligence, Delta Controls
Control		Air to Air Splits	Air (Water) to Water	
	On/Off	DI	AI	DI
	Mode	AI	AI	AI
	Setpoint	AI	AI	AI
	Fan Speed	AI	-	AI
	Air Direction	AI	-	AI
	Permit/Prohibit	x	AI	DI
	Filter Sign	DI	-	DI
Monitor	On/Off	DO	DO	DO
	Mode	AO	AO	AO
	Setpoint	AO	AO	AO
	Fan Speed	AO	-	AO
	Air Direction	AO	-	AO
	Permit/Prohibit	x	AO	DO
	Filter Sign	DO	-	DO
	Fault Codes	AO	AO	AO
	Room Temperature	AO	AO	AO
	Daily kW Energy	-	AO	-
	Monthly kW Energy	-	AO	-

PRICE

£101

£1,839

Key: DI = Digital Input. DO = Digital Output. AI = Analogue Input. AO = Analogue Output.

Note: The EW-50E expansion controller cannot be used with BEMS interfaces.

Pricing Notifications

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BEMS Interfaces

BEMS INTERFACES		MELCOBEMS	LMAP04	IQ4 XNC
				
Description		AE-200E Modbus BACnet Interface	M-NET LonWorks Interface	AE-200E Trend Interface
Connect to		AE-200E and EW-50E	M-NET	AE-200E and EW-50E
Max Number of Units		50	50	50
Compatibility		M Series, Mr Slim and City Multi	M Series, Mr Slim and City Multi	M Series, Mr Slim and City Multi
Power Supply		24VDC	220-240v, 50Hz	220-240v, 50Hz
Dimensions (mm) (WxDxH)		102 x 32 x 180	340 x 360 x 60	263 x 46 x 150
Network		Modbus / BACnet RS485 and TCP/IP	LonWorks FTT10A	Trend
BEMS Compatibility		Cylon, Satchwell, Crestron, Invensys, Interactive Homes, North BT, Andover, Siemens, WEMS, Andover Controls, York BMS, Siemens, Priva Building Intelligence, Delta Controls, RDM	Honeywell, Johnson Controls, Realtime Control Systems, Smart Controls	Trend
Control	On/Off	DI	DI	DI
	Mode	AI	AI	AI
	Setpoint	AI	AI	AI
	Fan Speed	AI	AI	AI
	Air Direction	AI	AI	AI
	Permit/Prohibit	DI	DI	DI
	Filter Sign	DI	DI	DI
Monitor	On/Off	DO	DO	DO
	Mode	AO	AO	AO
	Setpoint	AO	AO	AO
	Fan Speed	AO	AO	AO
	Air Direction	AO	AO	AO
	Permit/Prohibit	DO	DO	DO
	Filter Sign	DO	DO	DO
	Fault Codes	AO	AO	AO
	Room Temperature	AO	AO	AO
	Daily kW Energy	With EW-50E ^{*1}	-	-
	Monthly kW Energy	With EW-50E ^{*1}	-	-
PRICE		£1,508	£1,155	From Synapsys ^{*2}

Key: DI = Digital Input. DO = Digital Output. AI = Analogue Input. AO = Analogue Output.

Note: The PAC-YG***CA are not compatible with MELCOBEMS, LMAP04 and IQ4 XNC.

The EW-50E expansion controller cannot be used with BEMS interfaces.

^{*1} The MELCOBEMS can monitor indoor daily and monthly kWh when used in conjunction with AE-200E, EW-50E, PAC-YG6MCA on third party energy meters.

^{*2} Synapsys Solutions Ltd, 1 Woodlands Court, Albert Drive, Burgess Hill, West Sussex, RH15 9TN, Telephone 0845 680 0303

Solution Interfaces

SOLUTION INTERFACES		PANEL_RS_SMS	MELCOTEL2	MELCORETAIL	MELCORETAIL2G	RMI PACKAGE LAN/ADSL	RMI PACKAGE 3G
							
Description		Run Standby Panel	AE-200E Hotel Interface and display	MELCORETAIL	MELCORETAIL2G	Remote Control & Monitoring Interface	Remote Control & Monitoring Interface
Connect to		MELCOBEMS MINI	AE-200E and EW-50E	MELCOBEMS MINI AE-200E / EW-50E	MELCOBEMS MINI AE-200E / EW-50E	AE-200E & EW-50E	AE-200E & EW-50E
Max Number of Units		8	200	8 (via MELCOBEMS MINI) 50 (via Centralised Controller)	8 (via MELCOBEMS MINI) 50 (via Centralised Controller)	12,700	12,700
Compatibility		M Series and Mr Slim	City Multi	M Series, Mr Slim and City Multi	M Series, Mr Slim and City Multi	M Series, Mr Slim, City Multi and Lossnay	M Series, Mr Slim, City Multi and Lossnay
Power Supply		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
Dimensions (mm) (WxDxH)		253 x 90 x 180	350 x 80 x 400	358 x 410 x 85	358 x 410 x 85	113 x 28 x 89	85 x 36 x 100
SMS/GPRS Capabilities		SMS	x	x	✓	x	3G
Ethernet Capabilities		x	x	✓	✓	✓	✓
SIM Card Provided		x	x	-	-	✓	✓
Inputs		x	x	4 Digital / Analogue	4 Digital / Analogue	x	x
Outputs		1 Digital (Fault)	x	4 Digital	4 Digital	x	x
Control	On/Off	✓	✓	✓	✓	✓	✓
	Mode	✓	✓	✓	✓	✓	✓
	Setpoint	✓	✓	✓	✓	✓	✓
	Fan Speed	x	x	✓	✓	✓	✓
	Air Direction	x	x	x	x	✓	✓
	Permit/Prohibit	x	x	x	x	✓	✓
	Filter Sign	x	x	x	x	✓	✓
Monitor	On/Off	✓	✓	✓	✓	✓	✓
	Mode	✓	✓	✓	✓	✓	✓
	Setpoint	✓	✓	✓	✓	✓	✓
	Fan Speed	x	x	✓	✓	✓	✓
	Air Direction	x	x	x	x	✓	✓
	Permit/Prohibit	x	x	x	x	✓	✓
	Filter Sign	x	x	x	x	✓	✓
Fault Codes		✓	x	✓	✓	✓	✓
Room Temperature		✓	✓	✓	✓	✓	✓
Weekly Schedule		x	x	✓	✓	✓	✓
Annual Schedule		x	x	✓	✓	✓	✓
Night Setback		x	✓	✓	✓	✓	✓
Web Pages		x	x	x	x	✓	✓
Optimised Start		x	x	x	x	x	x
Automatic Setpoint Adjustment		x	✓	✓	✓	x	x
Load Shedding		x	x	x	x	x	x
Occupied / Unoccupied Settings reset		x	x	x	x	x	x
Simple Energy Monitoring		x	x	✓	✓	✓	✓
PRICE		£694	£1,508	£852	£1,168	£1,500 ¹	£2,500 ¹

Note: ¹ The energy monitoring is estimated using the outdoor unit data. ² Discount cannot be applied. ³ Includes 5 years SIM hosting.

Pricing Notifications

- Any price shown is our commercial price list (CPL) pricing; ex VAT
- Sales channels are free to set prices as they see fit; actual prices may vary from CPL
- Price excludes any special delivery charges

The Renewable Solutions Provider
Making a World of Difference

Services



Air Conditioning | Heating
Ventilation | Controls



Services and Support

at every step of the way

Contents

At Mitsubishi Electric, not only have we developed an innovative range of air conditioning, heating, ventilation and control solutions, we have also examined how we support the market throughout the complete lifecycle of our products - literally from cradle to grave.

Whether in pre-sales design and specification, installation and maintenance support, right through to our free recycling programme, we can offer solutions that deliver the quality and excellence you would expect to help make a world of difference.

MELSmart Technical Services	5.2
Partner Programme	5.6
Design and Consulting Services	5.8
MELFinance Solutions	5.9
Deliveries	5.10
CPD Accreditation	5.11
Website and Document Library	5.11



Services and Support

at every step of the way

MELSMART
TECHNICAL SERVICES

MELSmart Technical Services

Advanced, reliable technical support at every step of the way

Meeting today's energy challenges for our commercial premises demands more integrated thinking from everyone involved in the design, supply, installation, commissioning and maintenance of essential building services - whether it is for an individual property or a national estate.

Ever increasing energy bills, the need to reduce carbon emissions and a raft of challenging legislation are driving the demand for increased energy efficiency and control in the cooling, heating, ventilation and associated technologies that we use.

As a manufacturer, we realise that product development alone is not enough.

To keep our products working at their optimum, we have developed the MELSmart approach to ensure our customers are able to maximise the energy efficiency of their building's services right from the start.

MELSmart offers a range of support that includes:

- Fault Finding
- Commissioning
- Spare Parts & Warranty
- Chiller Replacement Surveys
- CPD Accredited Technical Product Training
- System Health Checks
- Maintenance
- R22 Audit Surveys
- 24/7/365 Technical Help Desk

Whatever the challenge, we're here to help you meet it.

MELSmart Contact Details:

Telephone: **0161 866 6089**

Option 1 - Air Conditioning Technical

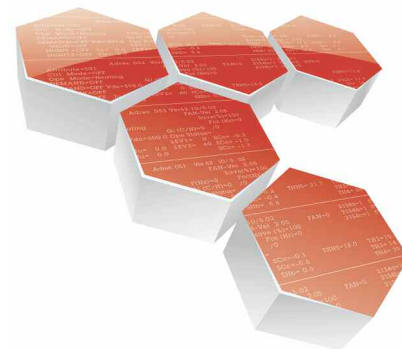
Option 2 - Spares

Option 3 - Warranty

Option 4 - Heating Technical

Option 5 - Returns

Option 6 - Product Training and Site Services



Product Training

Mitsubishi Electric has six state-of-the-art training suites based at Hatfield, Birmingham, Bristol, Manchester, Scotland and Reigate for your convenience. Providing product training for all levels of expertise, our courses are taught by experienced engineers, with a wealth of knowledge and are all CPD accredited.

For bookings please telephone 0161 866 6089 (Option 6, Option 1)

Product Range	COURSE	REFERENCE	PRICE
City Multi (VRF)	Design and Application	CMDA	FOC
City Multi (HVRF)	HVRF Design, Application, Installation and Commissioning	HDAIC	FOC
City Multi	Commissioning and Set Up	CMPT1	£145
City Multi	Service and Fault Finding	CMPT2	£145
M Series and Mr Slim	Installation, Service and Fault Finding	MPISF	£145
Controls	Module 1	CTM1	£145
Ecodan	Design and Application Part 1	ED&A11	£110
Ecodan	Installation and Commissioning Part 2	EI&C11	£110
Ecodan	Service and Fault Finding Part 3	ES&FF11	£110
Applied	Applied Products Design & Application	APDA	FOC



Services and Support

at every step of the way

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Commissioning Assistance

Prior to operation, the MELSmart team ensures that the installation is checked against design specification. Trained technicians ensure that the system is fully operational, and that performance and energy efficiency is maximised.

We then confirm whether or not the system is operating within its design parameters and validate any warranties. All on-site equipment is then added to our database where a constant record will be kept of any activities between the site and Mitsubishi Electric. On completion, we will provide a Commissioning Log Book with an accurate operating record of the working system.

Type of Visit	PRICE
Fault Diagnostic Site Visit	£585 per day
Commissioning (as per commissioning check list) VRF/HVRF	£585 per day
Commissioning Chillers & Heat Pump Water Products	P.O.A.
Maintenance on our water products	Survey required
City Multi Strip Down	See next page
Controls Commissioning	£585 per day
Health Checks	£585 for up to 4 systems

For Controls Commissioning, forms will need to be completed prior to the site visit. Please contact: 0161 866 6089 (Option 6, Option 2)

Design	PRICE
Post-Installation Appraisal / Evaluation	£585 per day



City Multi / Chiller Stripdown

For installations where the City Multi / Chiller outdoor unit(s) cannot be moved to the final location, Mitsubishi Electric offer a City Multi / Chiller strip down service.

Type of Visit	UNIT NAME			PRICE
	PUHY-P200YKB PUHY-P250YKB	PURY-P200YLM PURY-P250YLM	PUHY-EP200YLM PUHY-EP250YLM PURY-EP200YLM PURY-EP250YLM	£1,620 per unit
	PUHY-P300YKB PUHY-P350YKB PUHY-P400YKB	PURY-P300YLM PURY-P350YLM PURY-P400YLM	PUHY-EP300YLM PUHY-EP350YLM PURY-EP300YLM PURY-EP350YLM	£1,890 per unit
	PFD-P250VM			P.O.A. Survey Required
	PFD-P500VM			P.O.A. Survey Required
	PUHY-P450YKB PURY-P500YKB PURY-P450YLM PURY-P500YLM	PUHY-EP400YLM PUHY-EP450YLM PUHY-EP500YLM	PURY-EP400YLM PURY-EP450YLM PURY-EP500YLM	P.O.A. Survey Required
	PQHY-P200YLM PQHY-P250YLM PQHY-P300YLM	PQRY-P200YLM PQRY-P250YLM PQRY-P300YLM		£2,160 per unit Survey Required
	EACV EAHV NX			P.O.A. Survey Required

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Services and Support

at every step of the way



**Partner
Programme**

Mitsubishi Electric Partner Programme

The Mitsubishi Electric Partner Programme is inclusive and open to all qualifying air conditioning and heating installation companies, large or small.

Using the world-renowned Mitsubishi Electric brand, we will train, facilitate and promote all qualifying companies as part of our aim to drive the industry forwards. Mitsubishi Electric recognises the importance of forging lasting relationships with professional companies who install our equipment. Our Partner Programme enables us to do just that.

Established since 2005 and designed to raise industry standards, our Partner Programme assures end users of a consistently high level of installation and after sales service that supports our systems. To be eligible to join our scheme in the first instance, prospective installation partners must comply with the necessary building regulations and meet specific industry, programme and CSR standards.

All partners are reviewed on a regular basis to ensure they continue to meet the required standards that makes them eligible to be part of the Mitsubishi Electric Partner Programme.

How to apply for the Partner Programme

Speak to your Mitsubishi Electric Representative
or email partner@meuk.mee.com





Partner Programme Benefits

Dedicated Partner Programme Co-ordinator

Our dedicated Partner Programme Co-ordinators are on hand to give Partners the support they need.

Joint Marketing / Relationship Development Fund (RDF)

We will work with Partners to promote our relationship and generate awareness of the unique business benefits of the Partner Programme to end-users. We operate a Partner Programme Relationship Development Fund (RDF) allocated in relation to their commercial activities with Mitsubishi Electric.

Promotional Goods RDF Catalogue

Partners can take advantage of their RDF to enhance their company image with dual branded work wear, promotional items and golf accessories.

Product and Industry Training

Although our Partners receive a free allocation of training courses, additional courses can be funded from the Relationship Development Fund at no further cost to the Partner.

24hr Technical Support

To assist our Partners in the maintenance of our equipment we have a dedicated technical support team who will endeavour to speedily diagnose faults and offer solutions to the problems our Partners may encounter.

Extended Warranty

We will offer all Partners who adhere to our standards exclusive extended product warranties.

Sales Leads

We will make sales leads available exclusively to our Partners.

Business Support Tools

We have made it easier to do business with Mitsubishi Electric through the introduction of new technologies and our business tools available to Partners.

Factory Visits & Events

Our Partners and their clients will have the opportunity to witness first-hand the manufacture of air conditioning and Ecodan units at our manufacturing facility in Scotland.



**Partner
Programme**

Services and Support

at every step of the way



Design and Consulting Services

As part of the Mitsubishi Electric commitment to supporting robust application of our leading technologies, a team of Consultant Sales professionals work nationally with mechanical building services specifiers and consultants to achieve early engagement in project design.

Clients are able to confidently apply cooling, heating, ventilation and controls within their individual projects with the emphasis on a solution-based philosophy to support 'as-designed' performance and efficiencies.

This approach helps projects realise 'as-specified' performance and efficiency levels - all designed to achieve the most efficient and cost-effective outcome for the building operator, whilst reducing the overall environmental impact.

As initial designs move from the drawing board through planning, procurement, installation and commissioning, to on-going operation and use, we work closely with our customers to balance capital expenditure, system efficiencies, installation costs, control strategies and running costs.

Working in the real world

Recognising the commercial and delivery pressures of projects in the real world Mitsubishi Electric has in place a number of technically biased Business Development Managers.

Our team support the M&E roll out and tackle the challenges associated with change of building use or layout (design evolution) from original design and to support robust value engineering that does not compromise the original design or performance criteria.

We understand the link between effective design and achieving the best outcomes for built environment owners, operators and users. The goal of our team is therefore to ensure robust design and to support an equally robust implementation.

Getting the right balance between capital cost, system efficiencies, installation costs, control systems and ultimately operating costs all need to be considered at an early stage to ensure a positive outcome.

Framing and enabling the market-leading service we offer our clients is the on-going professional and personal development of our employees to meet ever increasing customer needs in product knowledge, industry practice and legislation.



Mitsubishi Electric MELFinance Solutions

We developed MELFinance Solutions to respond to current market conditions and the need for customers to manage cash flow, while benefitting from the installation of leading technology to reduce carbon emissions and operational costs.

MELFinance Solutions can help end user customers fund the cost of new equipment and its installation via hire-purchase finance. Put simply, this means that (subject to financial status), an end-user customer can repay the combination of 'fixed asset' and maintenance costs over an agreed period of between 1 to 5 years. For qualifying companies, it is a flexible alternative to a traditional bank loan that provides significant cash flow and tax benefits:

- **No need for hefty deposits**
Finance deals are secured wholly or largely on the heating, cooling and/or ventilation equipment being financed
- **Stronger cash flow**
Releases tied-up cash and preserves other forms of credit for other business or operational needs
- **Fixed, regular payments**
Helps you plan for the future by eliminating uncertainty and costly surprises
- **Quick decisions**
We always aim to provide a prompt turnaround for funding applications
- **Immediate payment**
Settlement of the full installation and equipment invoice upon installation/delivery

The five-year, "trouble-free" cooling, heating and ventilation finance package offers a host of advantages integrating on-site installation and commissioning fees, minimum three-year warranty on all Mitsubishi Electric equipment, scheduled maintenance visits and 24/7 emergency technical helpline for any on-site issues.

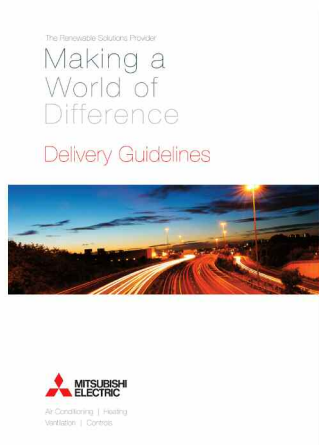
To get your no obligation finance proposal visit: www.MELFinanceSolutions.co.uk
or email MELFinanceSolutions@meuk.mee.com

Mitsubishi Electric Europe B.V. holds a Consumer Credit Licence no. 0658891 for credit brokerage. As from 1 April 2014: Authorised and regulated by the Financial Conduct Authority as a credit broker.

Hire-purchase finance will be considered subject to status by an independent finance house as facilitated by Mitsubishi Electric. Finance house's terms and conditions apply. This website text does not constitute an offer to supply goods/services or provide or arrange hire-purchase finance. Finance only available where you enter into Mitsubishi Electric's contract package for removal of any existing installation, design, supply and commissioning services. Package is conditional on you entering into (i) a maintenance contract for the installation and (ii) a hire-purchase agreement with Mitsubishi Electric's finance partner. Otherwise, all goods are supplied subject to Company's General Terms and Conditions of sale, copy available upon request.

Services and Support

at every step of the way



Mitsubishi Electric Deliveries

At Mitsubishi Electric, we take our delivery programme very seriously because we realise that our customers' businesses can depend on getting the right equipment on site at the right time.

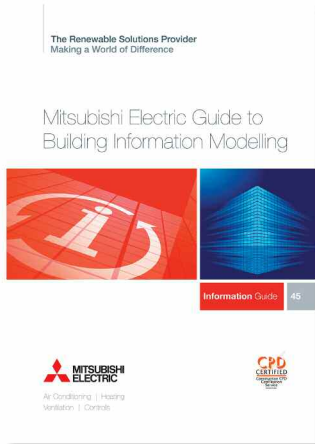
That's why we have developed a comprehensive and flexible delivery programme with one of the longest delivery windows in the industry.

With the ability to offer timed, weekend and Public Holiday deliveries, coupled with free 'Text Ahead' and 'Ring Ahead' functions, we aim to keep our customers informed every step of the way.

Delivery Notes

- Cut off for next day deliveries is 2.30pm on the working day prior to delivery
- Standard delivery is between 8.00am and 5.30pm
- AM / PM / Timed / Weekend / Public Holiday deliveries are all available (additional notice needed and charges will apply - please refer to full delivery guidelines for further details)
- Standard delivery will normally be made on an 18T rigid lorry equipped with a tail lift and a single driver with a pump truck
- Other vehicle types will be utilised dependant on any site access issues and delivery size
- If there are access restrictions at your nominated delivery point and a vehicle other than an 18T lorry is required, this will need to be booked in advance and a charge may apply
- Our 'Text Ahead' and 'Ring Ahead' functions are available on all deliveries with the exception of parcel providers, which will offer 'Text Ahead' only
- Deliveries available via HIAB (Flatbed vehicle with crane) / with chapter 8 signage - require 48 hours' notice and extra charges may apply
- We offer a 2-man delivery service, removal of packaging and a stair walker - these require 48 hours' notice and extra charges will apply
- Mitsubishi Electric is an Associate Member of the Fleet Operator Recognition Scheme (FORS) and all of our vehicles are FORS accredited to Bronze level
- Collection is also available from our Milton Keynes warehouse - these must be pre-arranged and require at least 3 hours' notice
- Returns to be notified within 15 working days - Terms and Conditions apply

For further information on our recycling service please refer to the website recycling.mitsubishielectric.co.uk



CPD Information Guides

Mitsubishi Electric is accredited by the Construction CPD Certification Service in many different areas.

We have produced a number of Industry Information Guides that are available to download from our document library. We also run a number of CPD seminars and training courses across the UK.

To find out more, simply contact your local Mitsubishi Electric sales office.



Mitsubishi Electric Website and Document Library

Website

For further information on any of our products and services please visit our website, livingenvironmentalsystems.mitsubishielectric.co.uk which has been designed to provide a detailed overview of the energy saving solutions we can provide you.

The smart, clean and modern design of the site focuses on the features and benefits that Mitsubishi Electric equipment has to offer and hosts our Air Conditioning, Heating, Corporate Solutions and Green Gateway websites under one umbrella, making it easy for visitors to navigate between them. The websites not only promote our comprehensive product offerings but have also been designed to inform and educate visitors, with pages dedicated to the very latest legislative challenges that face all those involved in the built environment.

Document Library

Our website: library.mitsubishielectric.co.uk also includes a comprehensive Document Library which features all current operating and installation manuals, as well as product literature, CPD guides and more.

This means there is no longer a requirement for visitors to login to our sites to download the latest product and technical information. To add to this, a document library app is also available allowing visitors to access this information simply from their tablet or smart phone.



Telephone: 01707 282880

MELSmart Technical Services: 0161 866 6089

Option 1 - Air Conditioning Technical

Option 2 - Spares

Option 3 - Warranty

Option 4 - Heating Technical

Option 5 - Returns

Option 6 - Product Training and Site Services

email: livingenvironmentalsystems@meuk.mee.com

website: livingenvironmentalsystems.mitsubishielectric.co.uk

website: recycling.mitsubishielectric.co.uk

New Content Hub - coming 2017: thehub.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division

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General Enquiries Telephone: 01707 282880 Fax: 01707 278881

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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air-conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A(GWP:2088), R32(GWP:675), R407C (GWP:1774) or R134a (GWP:1430). *These GWP values are based on Regulation(EU) No 517/2014 from IPCC 4th edition. In case of Regulation(EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A(GWP:1975), R32(GWP: 550), R407C (GWP:1650) or R134a (GWP:1300).

Note: Prices effective as of 1st January 2017



www.greengateway.mitsubishielectric.co.uk

Mitsubishi Electric UK's commitment
to the environment



Follow us @meuk_les
Follow us @green_gateway



Mitsubishi Electric
Living Environmental Systems UK



mitsubishielectric2

Pricing Notifications

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Sales Contacts



Logicool Air Conditioning & Heat Pumps Limited

Unit 1, The Machine House
Newfields, Moira, Swadlincote
Derbyshire DE12 6EG

T 01283 218277

F 01283 229352

E sales@logicool-ac.com

W logicool-ac.com

Mitsubishi Electric's air-conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A(GWP:2088) or R32(GWP:675). *These GWP values are based on Regulation(EU) No 517/2014 from IPCC 4th edition. In case of Regulation(EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A(GWP:1975), R32(GWP: 550).