

Mr.SLIM.

## PSA-M R32

Floor Standing System

Power Inverter Heat Pump

The **PSA-M Power Inverter** range is a floor standing system that blends a host of outstanding features with a sophisticated streamlined design. Offering high seasonal efficiency, advanced control options and quiet operation, this range allows installation where limited ceiling space is available.



## Key Features & Benefits:

- Built in PAR-41MAA controller allows effective energy consumption monitoring
- Increased comfort levels through advanced airflow and smart defrost features
- 100m pipe run (size 100-140), increasing application capability
- 14°C set point option; ideal for applications where a specialist ambient condition is required
- Quick and easy installation, saving on time and cost
- Compact body and minimal footprint ideal for applications where space-saving is a requirement



## Air Conditioning | Product Information

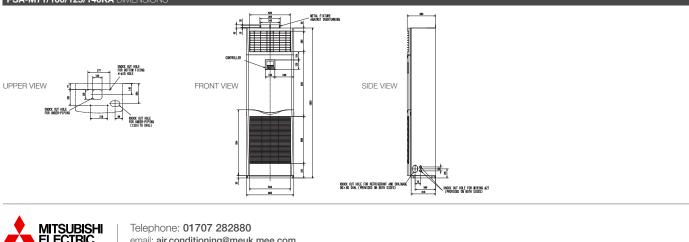
R32 POWER IN





PSA-M INDOOR UNITS		PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
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)		0.79	0.73	0.73	0.72	0.72	0.71	0.71
COP / EER (nominal)		3.25 / 3.76	3.53 / 3.81	3.53 / 3.81	3.11/3.16	3.11 / 3.16	3.20 / 3.37	3.20 / 3.37
SCOP (nsh) / SEER nsc) (BS EN14825)		4.0 (157.8%) / 6.4 (266.2%)	4.1 (161.3%) / 5.7 (234.6%)	4.1 (161.3%) / 5.6 (232.9%)	3.9 (153.1%) / 5.2 (212.0%)	3.9 (153.0%) / 5.1 (210.9%)	4.0 (158.1%) / 6.1 (249.1%)	4.0 (158.1%) / 6.0 (247
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A+	A+ / A+	A/A	A/A	A+ / A++	A+ / A+
AIRFLOW (I/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
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	600 x 360 x 1900	600 x 360 x 190					
WEIGHT (kg)	Unit / Panel	46	46	46	46	46	48	48
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor U					
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
NTERCONNECTING CABLE No. C	ORES	4	4	4	4	4	4	4
WIRED REMOTE CONTROLLER R	EFERENCE	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA
PUZ-ZM OUTDOOR UN	IITS	PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2 3	PUZ-ZM125VKA2	PUZ-ZM125YKA2 3	PUZ-ZM140VKA2	PUZ-ZM140YKA2
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	49 / 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)		70	116	123	116	125	118	131
DIMENSIONS (mm)	Width x Depth x Height						1050 x 330 + 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, 50H
PHASE		Single	Single	Three	Single	Three	Single	Three
SYSTEM POWER INPUT (KW)	Heating/Cooling (nominal)	2.338 / 1.888	3.172 / 2.493	3.172 / 2.493	4.501 / 3.955	4.501 / 3.955	5.000 / 3.976	5.000 / 3.976
	Heating/Cooling (UK)	2.08 / 1.60	2.53 / 2.14	2.53 / 2.14	4.00 / 3.35	4.00 / 3.35	4.44 / 3.38	4.44 / 3.38
STARTING CURRENT (A)		5.3	10.7	2.6	13.2	3.3	13.2	3.3
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	9.05 / 6.96 [19.4]	11.01 / 9.31 [20.7]	6.33 / 5.35 [8.7]	17.37 / 14.58 [27.2]	9.50 / 8.38 [9.7]	19.33 / 14.69 [30.7]	11.11 / 8.45 [12.
USE RATING (BS88) - HRC (A)		25	25	16	32	16	40	16
AINS CABLE No. CORES		3	3	5	3	5	3	3
		55	100	100	100	100	100	100
MAX PIPE I ENGTH (m)						30		30
		30	30	30	30		30	
MAX HEIGHT DIFFERENCE (m)	EQUIVALENT (t) - B32 (GWP 675)	30 2 80 / 1 89 (30m)	30 3.60 / 2.43 (40m)	30 3 60 / 2 43 (40m)	30 3 60 / 2 43 (40m)		30 3.60 / 2.43 (40m)	
MAX PIPE LENGTH (m) MAX HEIGHT DIFFERENCE (m) CHARGE REFRIGERANT (kg) / CO <sub>2</sub> MAX ADDITIONAL REFRIGERANT (kg) /	2 EQUIVALENT (t) - R32 (GWP 675)	30 2.80 / 1.89 (30m) 0.80 / 0.54	30 3.60 / 2.43 (40m) 2.40 / 1.62	3.60 / 2.43 (40m 2.40 / 1.62				

PSA-M71/100/125/140KA DIMENSIONS





email: air.conditioning@meuk.mee.com les.mitsubishielectric.co.uk

@meuk les y @green\_gateway



mitsubishielectricuk\_les



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thehub.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880 Fax: 01707 278881 IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland. Telephone: (01) 419 8800 Fax: (01) 419 8800 International code: (003531)

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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), R134a (GWP:1430), R513A (GWP:631), R454B (GWP-465), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:137), R454B (GWP:455), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of November 2021



