

# PUZ-WM50VHA(-BS)

Ecodan R32

**Monobloc** Air Source Heat Pump

**R32**

## Key Features:

- A+++ high efficiency system
- Ultra quiet noise levels
- Maintains full heating capacity at low temperatures
- Zero carbon solution
- MELCloud enabled

## Key Benefits:

- Ultra low running cost
- Flexible product placement
- Confident and quick product selection
- Help to tackle the climate crisis
- Remote control, monitoring, maintenance and technical support



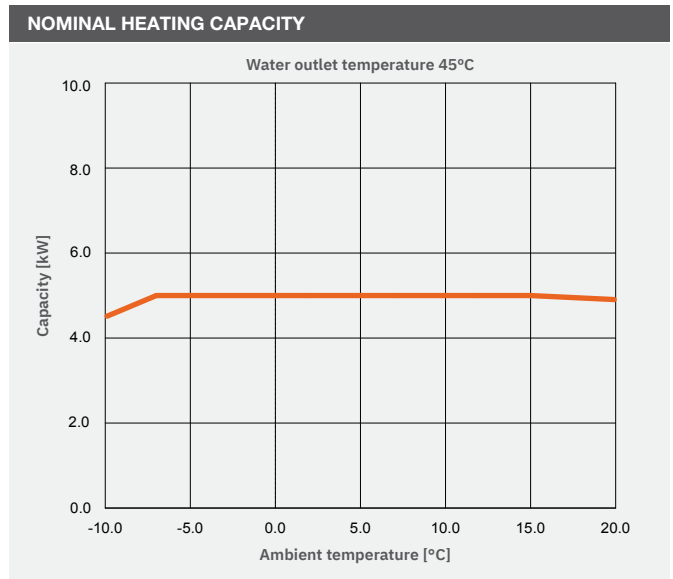
**ecodan**<sup>®</sup>  
Renewable Heating Technology

OUTDOOR UNIT		PUZ-WM50VHA(-BS)
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++
	$\eta_s$	129%
	SCOP (MCS)	3.22
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A+++
	$\eta_s$	183%
	SCOP (MCS)	4.57
HEAT PUMP COMBINATION HEATER - Large Profile <sup>1</sup>	ErP Rating	A+
	$\eta_{wh}$	135%
HEATING <sup>2</sup> (A-7/W35)	Capacity (kW)	5.0
	Power Input (kW)	1.67
	COP	3.00
OPERATING AMBIENT TEMPERATURE (°C DB)		-20 ~ +35
SOUND DATA <sup>3</sup>	Pressure Level at 1m (dBA)	47
	Power Level (dBA) <sup>4</sup>	61
WATER DATA	Pipework Size (mm)	22
	Flow Rate (l/min)	14
	Water Pressure Drop (kPa)	12.0
DIMENSIONS (mm)	Width	950
	Depth	330+30 <sup>7</sup>
	Height	943
WEIGHT (kg)		71
ELECTRICAL DATA	Electrical Supply	220-240v, 50Hz
	Phase	Single
	Nominal Running Current [MAX] (A) <sup>5</sup>	4.64 [13]
	Fuse Rating - MCB Sizes (A) <sup>6</sup>	16
REFRIGERANT CHARGE (kg) / CO <sub>2</sub> EQUIVALENT (t)	R32 (GWP 675)	2.0 / 1.35

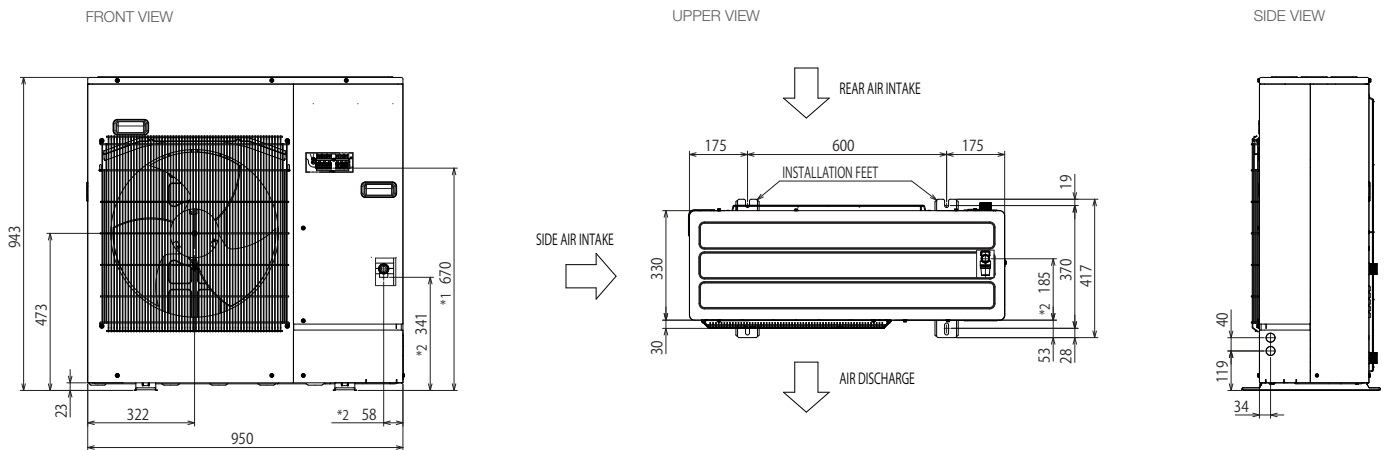
### Notes:

- \*1 Combination with E\*PT20X Cylinder
- \*2 Under normal heating conditions at outdoor temp: -7°CDB / -8°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 55°C, inlet water temp 47°C as tested to BS EN14511.
- \*4 Sound power level tested to BS EN12102.
- \*5 Under nominal heating conditions at outdoor temp: 7°C, outlet water temp: 35°C.
- \*6 MCB Sizes BS EN60898-2 & BS EN60947-2.
- \*7 Grille.

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



### PUZ-WM50VHA(-BS) DIMENSIONS

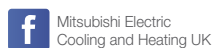


All dimensions (mm)

\*1--INDICATION OF TERMINAL CONNECTION LOCATION.  
\*2--INDICATION OF PRESSURE RELIEF VALVE DRAIN PORT.



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Effective as of August 2020



# PUZ-WM60VAA(-BS)

Ecodan R32

**Monobloc** Air Source Heat Pump



## Key Features:

- A+++ high efficiency system
- Ultra quiet noise levels
- Maintains full heating capacity at low temperatures
- Zero carbon solution
- MELCloud enabled

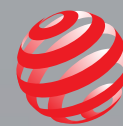
## Key Benefits:

- Ultra low running cost
- Flexible product placement
- Confident and quick product selection
- Help to tackle the climate crisis
- Remote control, monitoring, maintenance and technical support



Manufactured in the UK

037-0033-20-01



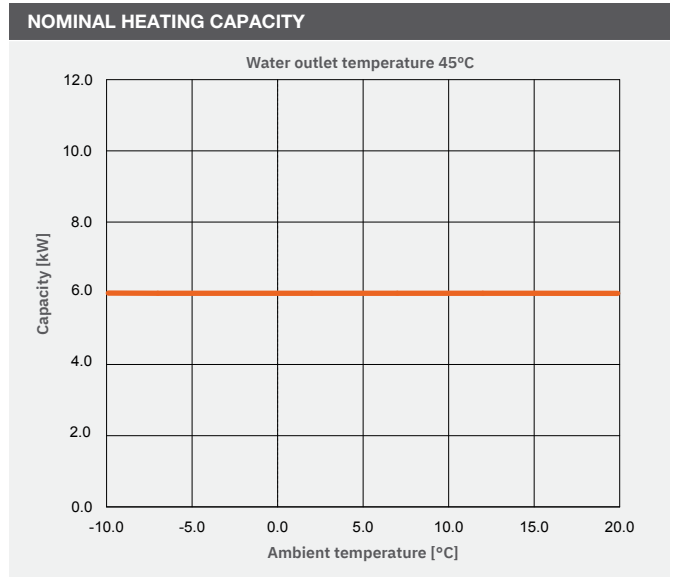
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OUTDOOR UNIT		PUZ-WM60VAA(-BS)
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++
	$\eta_s$	142%
	SCOP (MCS)	3.56
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A+++
	$\eta_s$	190%
	SCOP (MCS)	4.76
HEAT PUMP COMBINATION HEATER - Large Profile <sup>1</sup>	ErP Rating	A+
	$\eta_{wh}$	145%
HEATING <sup>2</sup> (A-7/W35)	Capacity (kW)	6.0
	Power Input (kW)	1.88
	COP	3.20
OPERATING AMBIENT TEMPERATURE (°C DB)		-20 ~ +35
SOUND DATA <sup>3</sup>	Pressure Level at 1m (dBA)	45
	Power Level (dBA) <sup>4</sup>	58
	Pipework Size (mm)	22
WATER DATA	Flow Rate (l/min)	17
	Water Pressure Drop (kPa)	8.0
	DIMENSIONS (mm)	Width
	Depth	480
	Height	1020
WEIGHT (kg)		98
ELECTRICAL DATA	Electrical Supply	220-240v, 50Hz
	Phase	Single
	Nominal Running Current [MAX] (A) <sup>5</sup>	5.68 [13]
	Fuse Rating - MCB Sizes (A) <sup>6</sup>	16
REFRIGERANT CHARGE (kg) / CO <sub>2</sub> EQUIVALENT (t)	R32 (GWP 675)	2.2 / 1.49

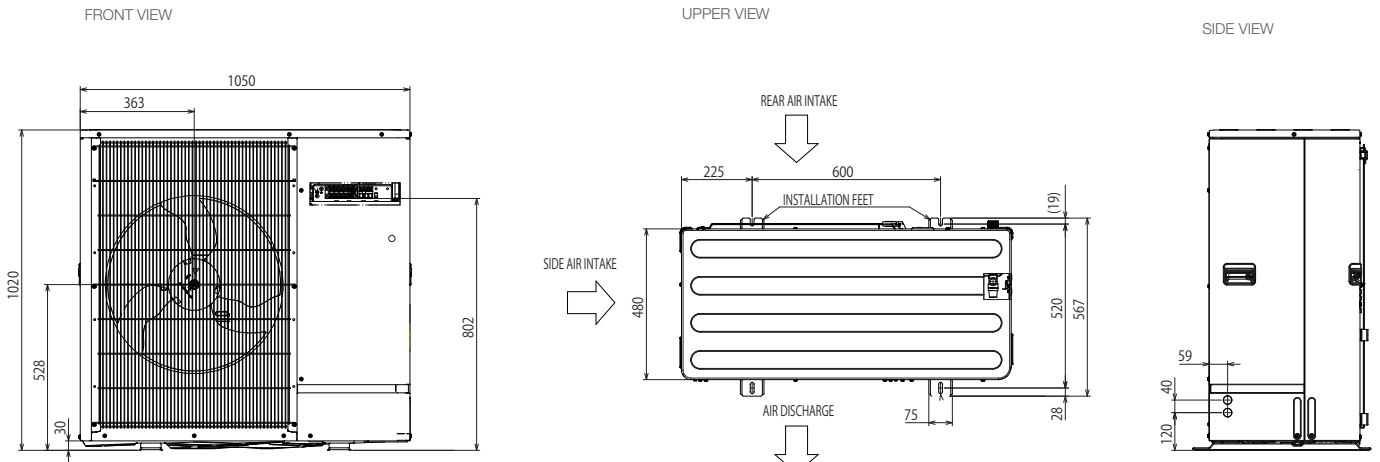
### Notes:

- <sup>1</sup> Combination with E\*PT20X Cylinder
- <sup>2</sup> Under normal heating conditions at outdoor temp: -7°CDB / -8°CWB, outlet water temp 35°C, inlet water temp 30°C.
- <sup>3</sup> 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.
- <sup>4</sup> Sound power level tested to BS EN12102.
- <sup>5</sup> Under nominal heating conditions at outdoor temp: 7°C, outlet water temp: 35°C.
- <sup>6</sup> MCB Sizes BS EN60898-2 & BS EN60947-2.

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



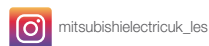
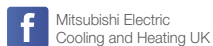
### PUZ-WM60VAA(-BS) DIMENSIONS



All dimensions (mm)



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Effective as of August 2020



# PUZ-WM85VAA(-BS)

Ecodan R32

**Monobloc** Air Source Heat Pump

**R32**

## Key Features:

- A+++ high efficiency system
- Ultra quiet noise levels
- Maintains full heating capacity at low temperatures
- Zero carbon solution
- MELCloud enabled

## Key Benefits:

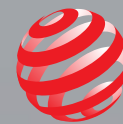
- Ultra low running cost
- Flexible product placement
- Confident and quick product selection
- Help to tackle the climate crisis
- Remote control, monitoring, maintenance and technical support



Manufactured in the UK



037-0033-20-03

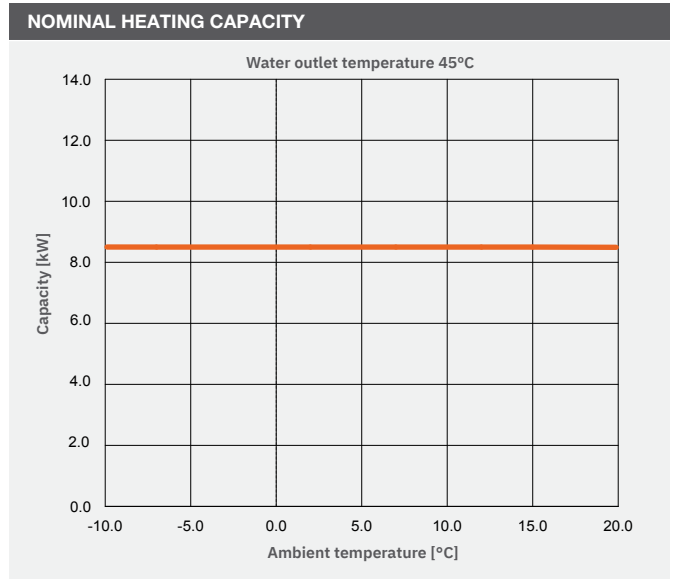


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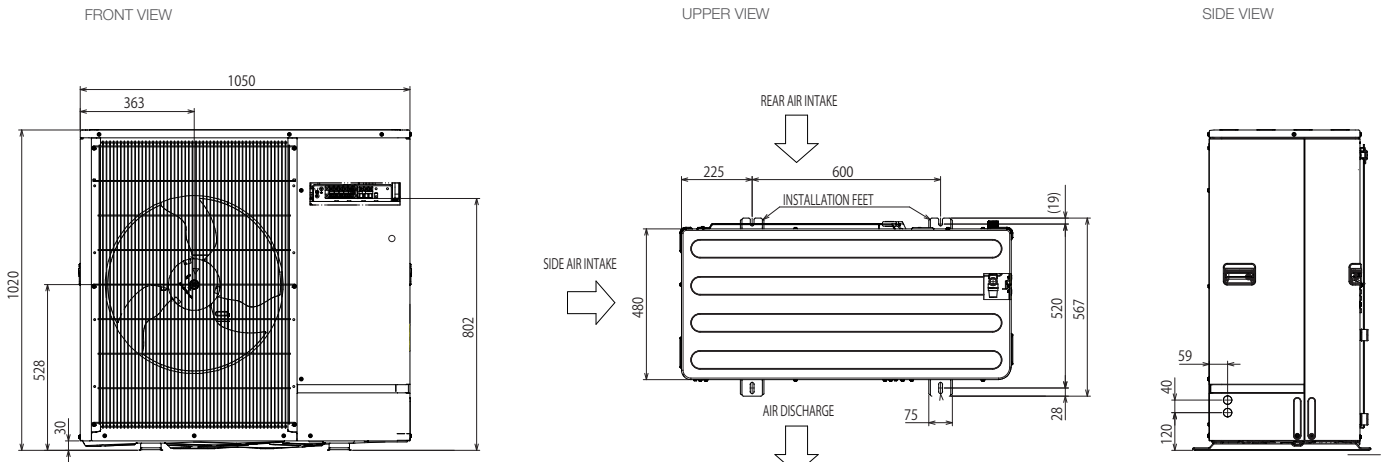
OUTDOOR UNIT		PUZ-WM85VAA(-BS)
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++
	$\eta_s$	139%
	SCOP (MCS)	3.47
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A+++
	$\eta_s$	193%
	SCOP (MCS)	4.79
HEAT PUMP COMBINATION HEATER - Large Profile <sup>1</sup>	ErP Rating	A+
	$\eta_{wh}$	145%
HEATING <sup>2</sup> (A-7/W35)	Capacity (kW)	8.5
	Power Input (kW)	3.27
	COP	2.60
OPERATING AMBIENT TEMPERATURE (°C DB)		-20 ~ +35
SOUND DATA <sup>3</sup>	Pressure Level at 1m (dBA)	45
	Power Level (dBA) <sup>4</sup>	58
WATER DATA	Pipework Size (mm)	28
	Flow Rate (l/min)	24
	Water Pressure Drop (kPa)	15.0
DIMENSIONS (mm)	Width	1050
	Depth	480
	Height	1020
WEIGHT (kg)		98
ELECTRICAL DATA	Electrical Supply	220-240v, 50Hz
	Phase	Single
	Nominal Running Current [MAX] (A) <sup>5</sup>	9.1 [22]
	Fuse Rating - MCB Sizes (A) <sup>6</sup>	25
REFRIGERANT CHARGE (kg) / CO <sub>2</sub> EQUIVALENT (t)	R32 (GWP 675)	2.2 / 1.49

**Notes:**

- <sup>1</sup> Combination with E\*PT20X Cylinder
  - <sup>2</sup> Under normal heating conditions at outdoor temp: -7°CDB / -8°CWB, outlet water temp 35°C, inlet water temp 30°C.
  - <sup>3</sup> 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.
  - <sup>4</sup> Sound power level tested to BS EN12102.
  - <sup>5</sup> Under nominal heating conditions at outdoor temp: 7°C, outlet water temp: 35°C.
  - <sup>6</sup> MCB Sizes BS EN60898-2 & BS EN60947-2.
- $\eta_s$  is the seasonal space heating energy efficiency (SSHEE)  $\eta_{wh}$  is the water heating energy efficiency



### PUZ-WM85VAA(-BS) DIMENSIONS



All dimensions (mm)

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Effective as of August 2020



**Green Gateway** [greengateway.mitsubishielectric.co.uk](http://greengateway.mitsubishielectric.co.uk)

# PUZ-WM112VAA(-BS)

Ecodan R32

**Monobloc** Air Source Heat Pump

**R32**

## Key Features:

- A+++ high efficiency system
- Ultra quiet noise levels
- Maintains full heating capacity at low temperatures
- Zero carbon solution
- MELCloud enabled

## Key Benefits:

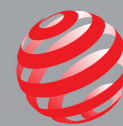
- Ultra low running cost
- Flexible product placement
- Confident and quick product selection
- Help to tackle the climate crisis
- Remote control, monitoring, maintenance and technical support



Manufactured in the UK



037-0034-20-01

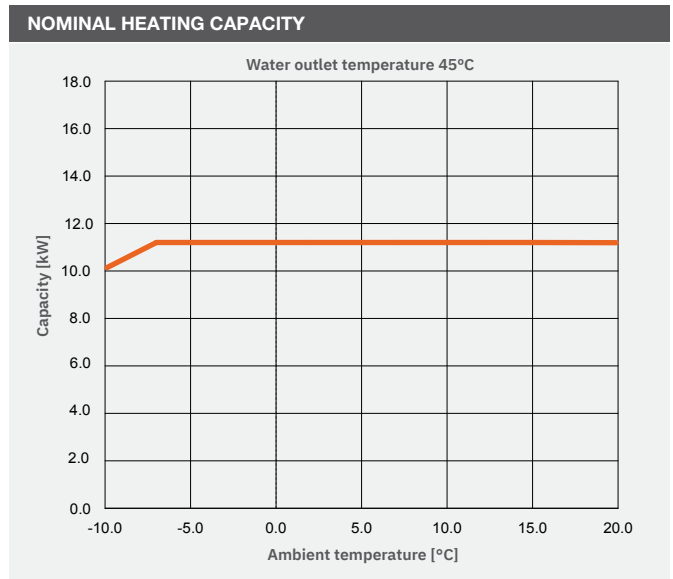


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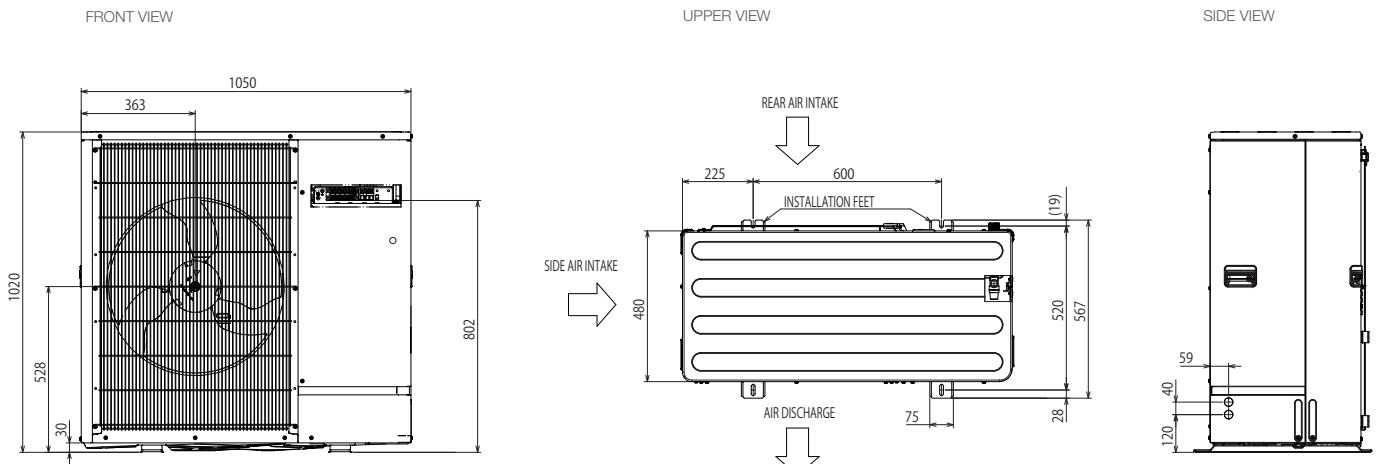
OUTDOOR UNIT		PUZ-WM112VAA(-BS)
HEAT PUMP SPACE HEATER - 55°C	ErP Rating	A++
	$\eta_s$	134%
	SCOP (MCS)	3.34
HEAT PUMP SPACE HEATER - 35°C	ErP Rating	A+++
	$\eta_s$	191%
	SCOP (MCS)	4.78
HEAT PUMP COMBINATION HEATER - Large Profile <sup>1</sup>	ErP Rating	A+
	$\eta_{wh}$	148%
HEATING <sup>2</sup> (A-7/W35)	Capacity (kW)	11.2
	Power Input (kW)	3.73
	COP	3.00
OPERATING AMBIENT TEMPERATURE (°C DB)		-25 ~ +35
SOUND DATA <sup>3</sup>	Pressure Level at 1m (dBA)	45
	Power Level (dBA) <sup>4</sup>	60
WATER DATA	Pipework Size (mm)	28
	Flow Rate (l/min)	32
	Water Pressure Drop (kPa)	24.0
DIMENSIONS (mm)	Width	1050
	Depth	480
	Height	1020
WEIGHT (kg)		119
ELECTRICAL DATA	Electrical Supply	220-240v, 50Hz
	Phase	Single
	Nominal Running Current [MAX] (A) <sup>5</sup>	10.9 [28]
	Fuse Rating - MCB Sizes (A) <sup>6</sup>	32
REFRIGERANT CHARGE (kg) / CO <sub>2</sub> EQUIVALENT (t)	R32 (GWP 675)	3.0 / 2.03

### Notes:

- \*1 Combination with E\*PT20X Cylinder
  - \*2 Under normal heating conditions at outdoor temp: -7°CDB / -8°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 55°C, inlet water temp 47°C as tested to BS EN14511.
  - \*4 Sound power level tested to BS EN12102.
  - \*5 Under nominal heating conditions at outdoor temp: 7°C, outlet water temp: 35°C.
  - \*6 MCB Sizes BS EN60898-2 & BS EN60947-2.
- $\eta_s$  is the seasonal space heating energy efficiency (SSHEE)  $\eta_{wh}$  is the water heating energy efficiency



### PUZ-WM112VAA(-BS) DIMENSIONS



All dimensions (mm)

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Effective as of August 2020

