

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



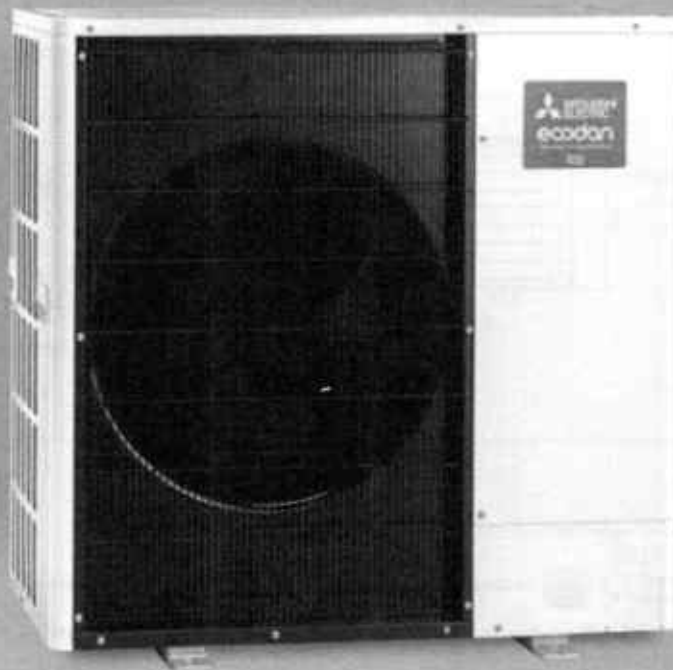
MELCloud



Manufactured in the UK



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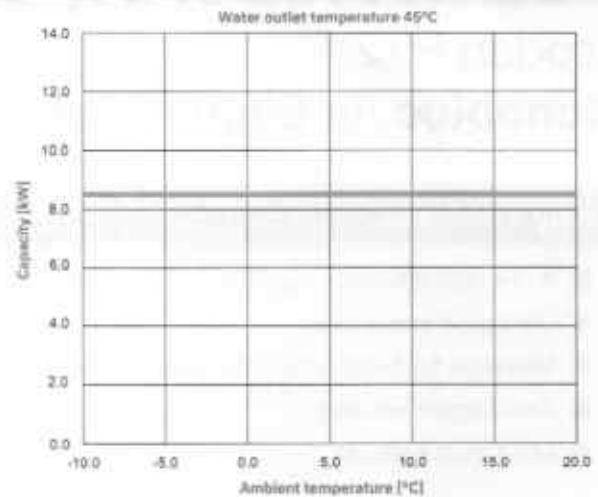
ecodan
Renewable Heating Technology

OUTDOOR UNIT		PUZ-WM85VAA(-BS)
HEAT PUMP SPACE HEATER - 55°C	SEF Rating	A++
	η_s	120%
	SCOP (AEC)	3.47
HEAT PUMP SPACE HEATER - 35°C	SEF Rating	A+++
	η_s	120%
	SCOP (AEC)	4.73
HEAT PUMP COMBINATION HEATER - Large Profile HEATING† (A-7/W35)	SEF Rating	A+
	η_{hp}	140%
	Capacity (kW)	8.3
	Power Input (kW)	3.27
	SEF	2.60
OPERATING AMBIENT TEMPERATURE (°C DB)		-20 ~ +35
SOUND DATA†	Pressure Level at 1m (dB)	45
	Power Level (dB(A)†)	54
	Pressure Level (dB)	28
WATER DATA	Flow Rate (l/min)	24
	Water Pressure Drop (kPa)	15.0
	Water Pressure Drop (psi)	2.17
DIMENSIONS (mm)	Width	1000
	Depth	480
	Height	1100
WEIGHT (kg)		86
ELECTRICAL DATA	Electrical Supply	220-240V, 50Hz
	Phase	Single
	Nominal Running Current (RMS) (A)†	9.1 (23)
	Fault Rating - MCB Size (A)†	25
REFRIGERANT CHARGE (kg) / CO ₂ EQUIVALENT (t)	R32 (GWP 675)	2.2 / 1.48

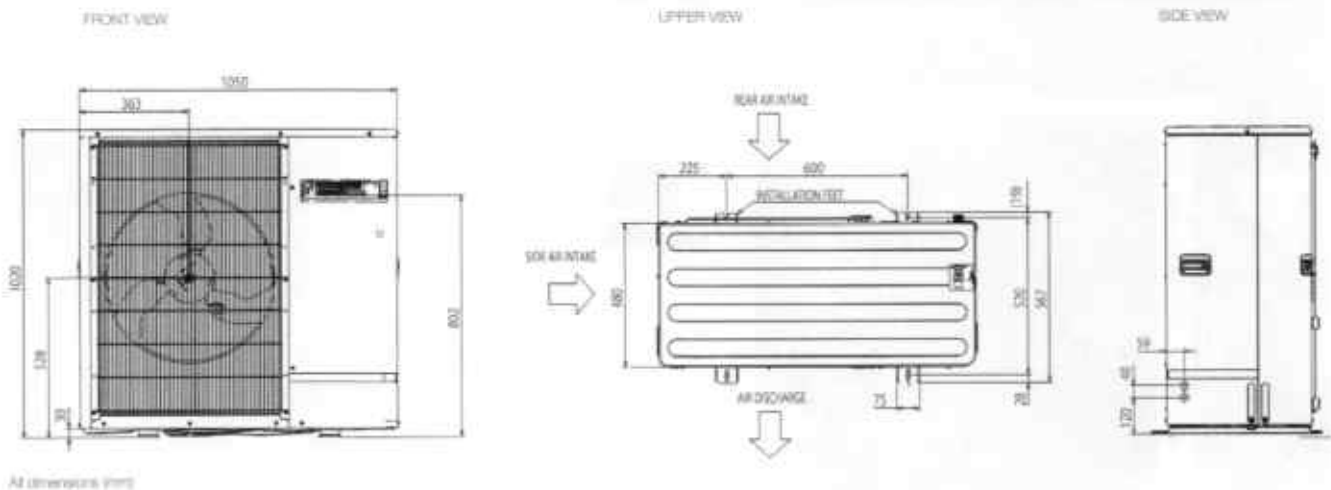
Notes:

- 1 Compressor with EFF200 Cylinder
- 2 Under normal heating conditions at outdoor temp: -7°C DB / 41°F DB, outdoor water temp: 32°C, inlet water temp: 32°C
- 3 Under normal heating conditions at outdoor temp: 7°C DB / 45°F DB, outdoor water temp: 32°C, inlet water temp: 47°C or tested to BS EN 14511
- 4 Sound power level tested to BS EN 12102
- 5 Under normal heating conditions at outdoor temp: 7°C, outdoor water temp: 32°C
- 6 MCB Size BS EN 60898-2 & BS EN 60947-4
- 7 η_s is the seasonal space heating energy efficiency (SEF) & η_{hp} is the water heating energy efficiency

NOMINAL HEATING CAPACITY



PUZ-WM85VAA(-BS) DIMENSIONS



All dimensions (mm)



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Note: The fan rating is for guidance only. Please refer to the relevant datasheet for detailed specifications. It is the responsibility of a qualified electrical/electronic engineer to select the correct cable size and type using local or current regulations and all applicable conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorocarbon greenhouse gas, R410A (GWP 2088), R32 (GWP 675), R407C (GWP 1774), R134a (GWP 1430), R613A (GWP 833), R454B (GWP 466), R1234ze (ZWP 7) or R1234yf (GWP 4). These GWP values are based on Regulation (EU) No 517/2014 from 2014. In addition, in case of Regulation (EU) No 452/2017 from 2017, the values are as follows: R410A (GWP 1815), R32 (GWP 675), R454B (GWP 1332).

Effective as of August 2020

