

PUZ-WZ50VAA

Ecodan R290

Monobloc Air Source Heat Pump

R290

Key Features:

- A+++ heating efficiency
- Ultra quiet noise levels
- MELCloud Home enabled
- High water temperature of up to 75°C
- Fully electric source of heating and hot water

Key Benefits:

- Minimised energy consumption
- Flexible product placement
- Remote control, monitoring, maintenance and technical support
- Ideal for energy storage
- Zero carbon ready



MELCloud
HOME



Manufactured in the UK



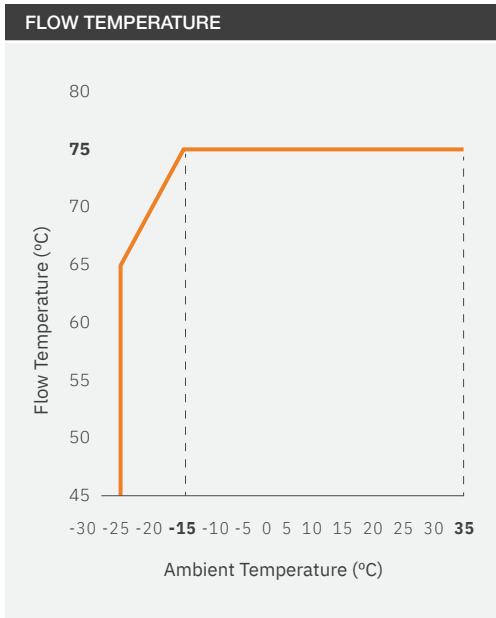
037-0033-20-01



reddot design award

ecodan[®]
Renewable Heating Technology

OUTDOOR UNIT		PUZ-WZ50VAA	
HEAT PUMP SPACE HEATER - 55°C		ErP Rating	A++
		η_s	138%
		SCOP (MCS)	3.38
HEAT PUMP SPACE HEATER - 35°C		ErP Rating	A+++
		η_s	182%
		SCOP (MCS)	4.42
HEAT PUMP COMBINATION HEATER - Large Profile ¹		ErP Rating	A+
		η_{wh}	143%
HEATING ² (A-7/W35)		Capacity (kW)	5.2
		Power Input (kW)	1.94
		COP	2.68
OPERATING AMBIENT TEMPERATURE (°C DB)		-25 ~ +46	
MAXIMUM WATER OUTLET TEMPERATURE (°C)		75	
SOUND DATA ³		Pressure Level at 1m (dBA)	40
		Power Level (dBA) ⁴	56
WATER DATA		Pipework Size (mm)	22
		Flow Rate (l/min)	14
		Water Pressure Drop (kPa)	18.16
DIMENSIONS (mm)		Width	1050
		Depth	480
		Height	1020
WEIGHT (kg)		89	
ELECTRICAL DATA		Electrical Supply	220-240v, 50Hz
		Phase	Single
		Nominal Running Current [MAX] (A) ⁵	13
		Fuse Rating - MCB Sizes (A) ⁶	16
REFRIGERANT CHARGE (kg) / CO ₂ EQUIVALENT (t)	R290 (GWP 0.02)	0.6 / 0.0018	



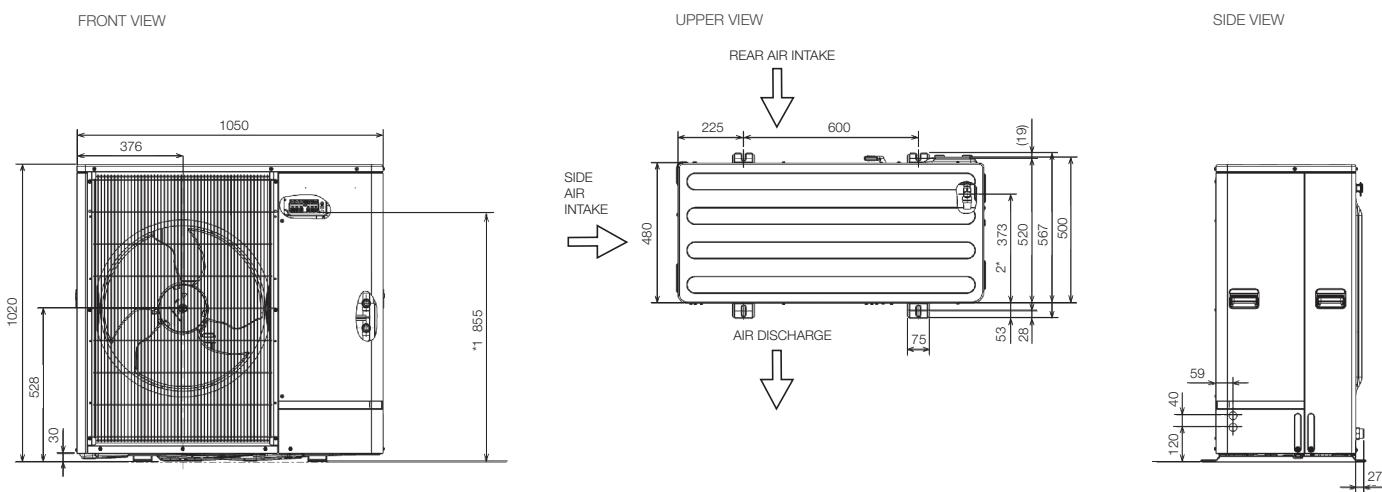
NOTES:

- ¹ Combination with EHPT20X-MEHEW 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.

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

PUZ-WZ50VAA DIMENSIONS

All dimensions (mm)



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Note: The fuse rating is for guidance only and 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:466), R515B (GWP:292), R454C (GWP:148), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a hydrocarbon, R290 (GWP:0.02). *These GWP values are based on IPCC 6th edition.

Effective as of January 2025



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