

# 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

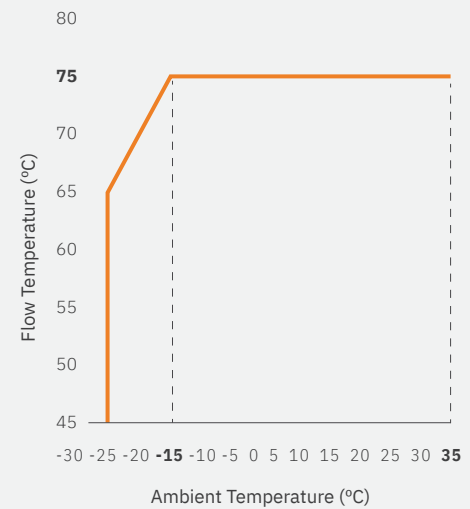


reddot design award

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

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

FLOW TEMPERATURE



## 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.

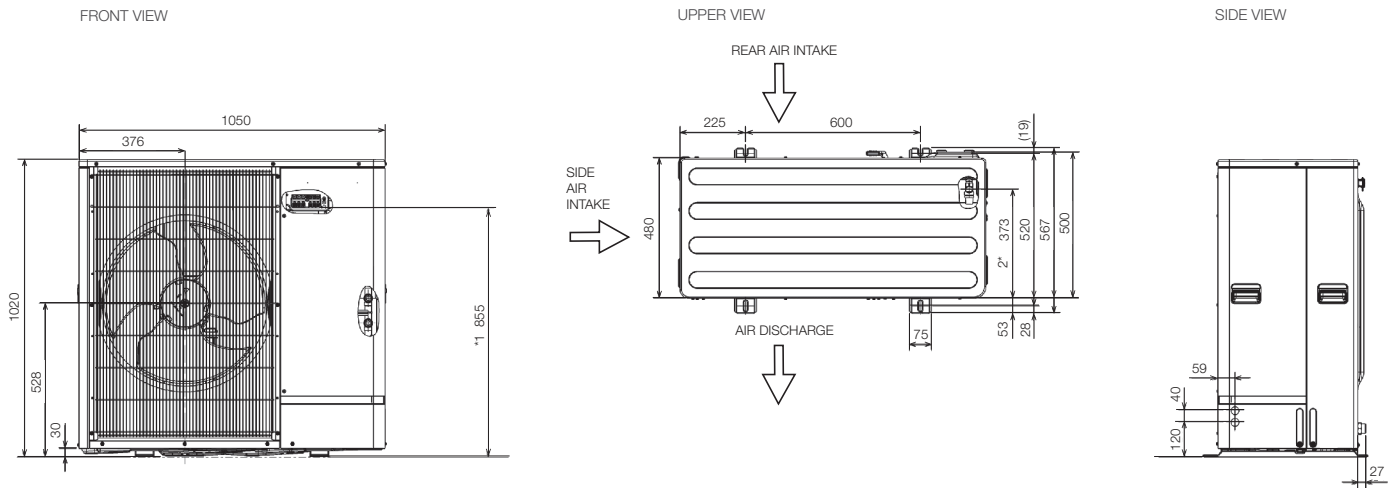
\*5 Under nominal heating conditions at outdoor temp: 7°C, outlet water temp: 35°C.

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

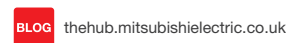
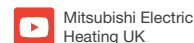
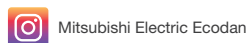
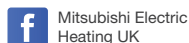
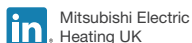
$\eta_s$  is the seasonal space heating energy efficiency (SSHEE)  $\eta_{wh}$  is the water heating energy efficiency

## PUZ-WZ50VAA DIMENSIONS

All dimensions (mm)



Telephone: 01707 282880  
email: [heating@meuk.mee.com](mailto:heating@meuk.mee.com)  
[ecoda.co.uk](http://ecoda.co.uk)



UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880

IRELAND Mitsubishi Electric Europe, Plunkett House, Grange Castle Business Park, Nangor Road, Dublin 22, Ireland. Telephone: (00353) 1 4198800 Email: [sales.info@meir.mee.com](mailto:sales.info@meir.mee.com) Web: [les.mitsubishielectric.ie](http://les.mitsubishielectric.ie)

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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

