

# PUZ-WZ85/100/120V/YAA Ecodan R290 Monobloc Air Source Heat Pump

# R290

### Key Features:

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

### Key Benefits:

- Minimised energy consumption
- Low GWP Refrigerant (3.0)
- Remote control, monitoring, maintenance and technical support
- Ideal for energy storage
- Maximum Flow Temperature 75°C



red<sup>dot</sup> design award

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

## Product Information

OUTDOOR UNIT		PUZ-WZ85V/YAA	PUZ-WZ100V/YAA	PUZ-WZ120V/YAA
Dimensions	Height (mm)	1040	1040	1040
	Width (mm)	1050	1050	1050
	Depth (mm)	480	480	480
Weight	kg	103	103	103
Outer casing		Galvanised Plate	Galvanised Plate	Galvanised Plate
Refrigerant gas	kg	0.6 (R290)	0.82 (R290)	0.82 (R290)
Water Data	Pipework Size (mm)	28	28	28
	Flow Rate (l/min)	27	34	34
Flow Temp Max	0°C Outdoor	75°C	75°C	75°C
	-15°C Outdoor	75°C	75°C	75°C
	-25°C Outdoor	65°C	65°C	65°C
Guaranteed operating range	DHW	-25 to +46°C	-25 to +46°C	-25 to +46°C
	Heating	-25 to +24°C	-25 to +24°C	-25 to +24°C
Water Volume (minimum water volume)	Heating (L)	29	29	29
Electrical Data	Power supply	220-240v 50 Hz / 400v	220-240v 50 Hz / 400v	220-240v 50 Hz / 400v
	Max current (A)	25/12	28/12	35/12
	Phase	Single/ Three	Single/ Three	Single/ Three
	Fuse Rating- MCB Size	25/16	32/16	40/16
Rated heat output (ErP Prated)	kW	8	9.5	11
Maximum output	A2/W35	9.4	11.3	13.4
Maximum output	A7/W35 (ΔT=5)	12	16	18.3
Heating efficiency	COP (A7/W35)	4.8	5.1	5.1
Seasonal space heating efficiency *1	ns	141%	139%	135%
Water heating efficiency *2	nwh	137%	129%	129%
Sound Power Level (PWL) Heating	dB	54	55	55

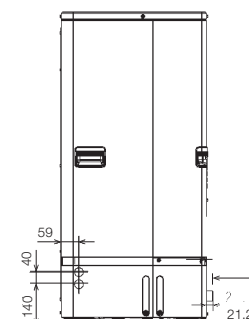
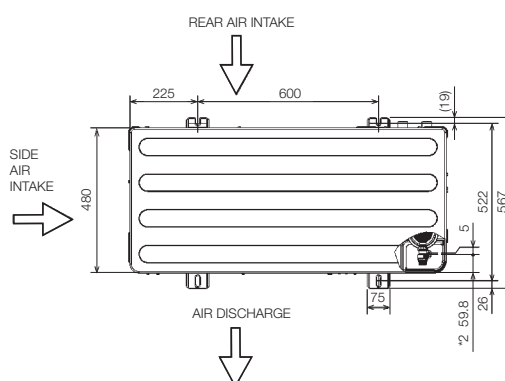
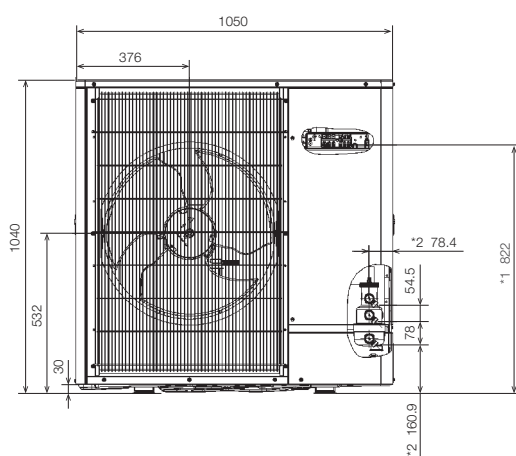
### PUZ-WZ85/100/120V/YAA DIMENSIONS

All dimensions (mm)

FRONT VIEW

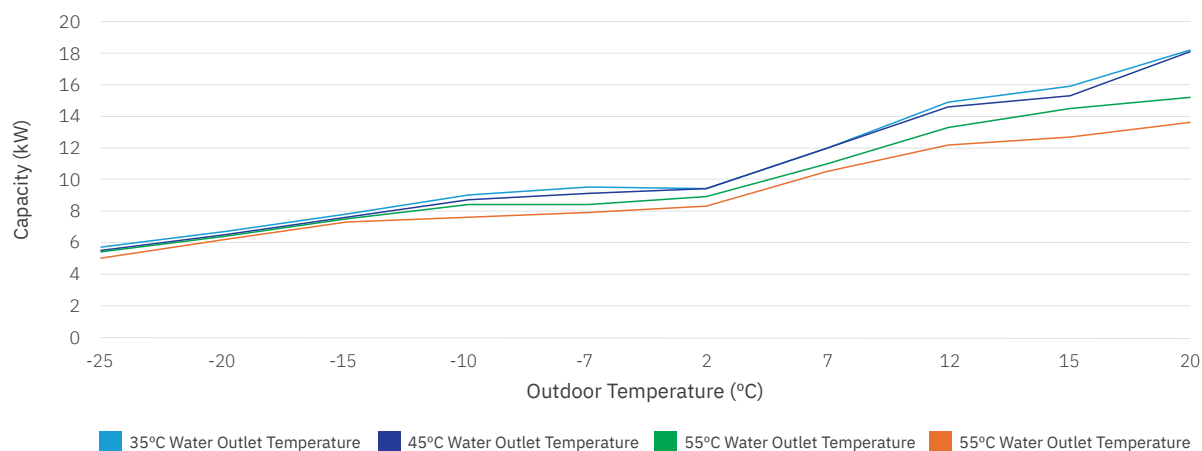
TOP VIEW

SIDE VIEW

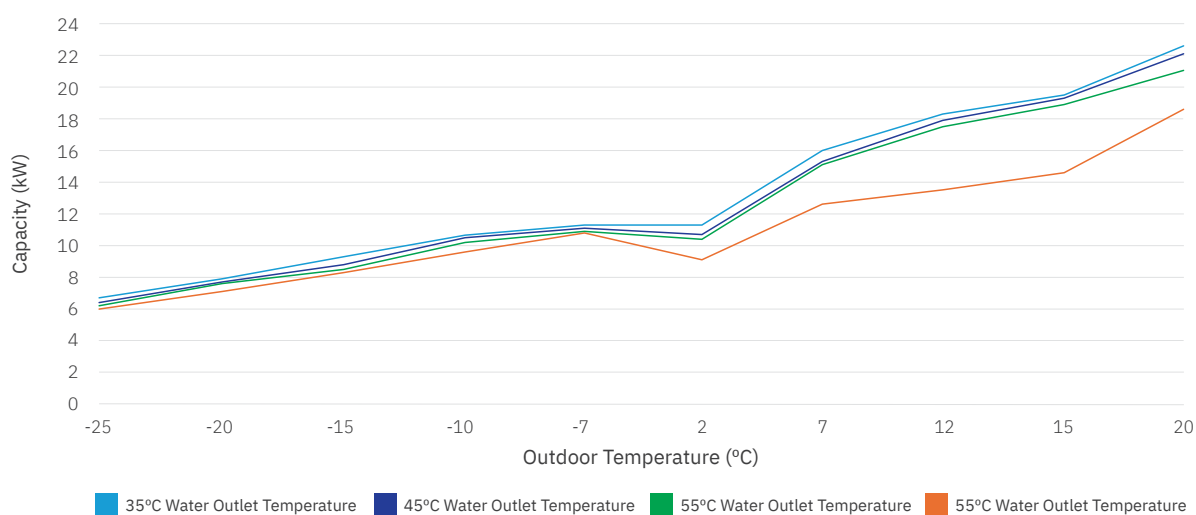


## Product Information

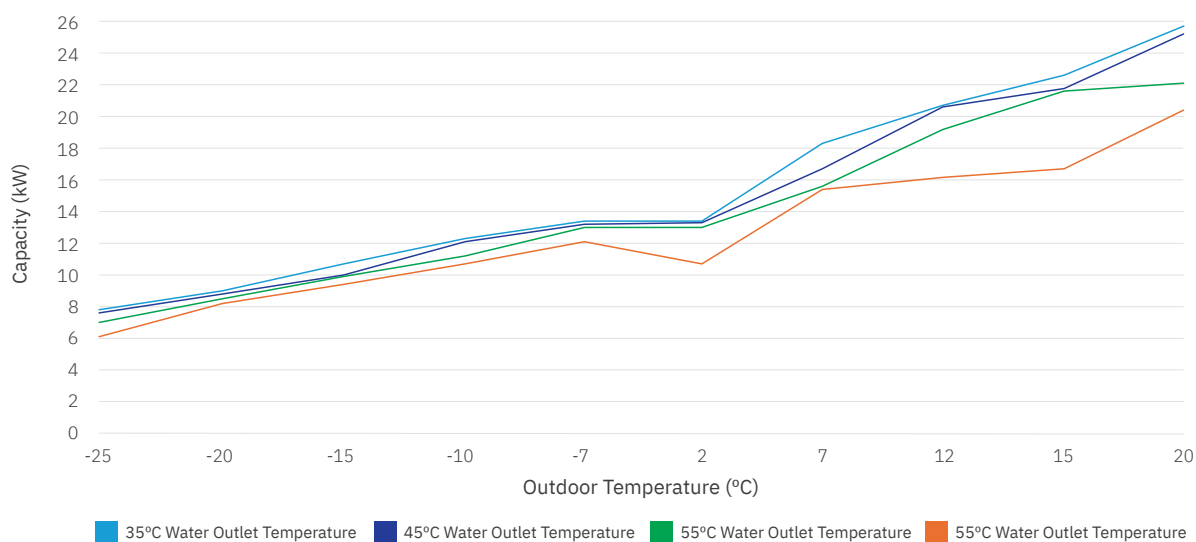
### PUZ-WZ85V/YAA CAPACITIES



### PUZ-WZ100V/YAA CAPACITIES

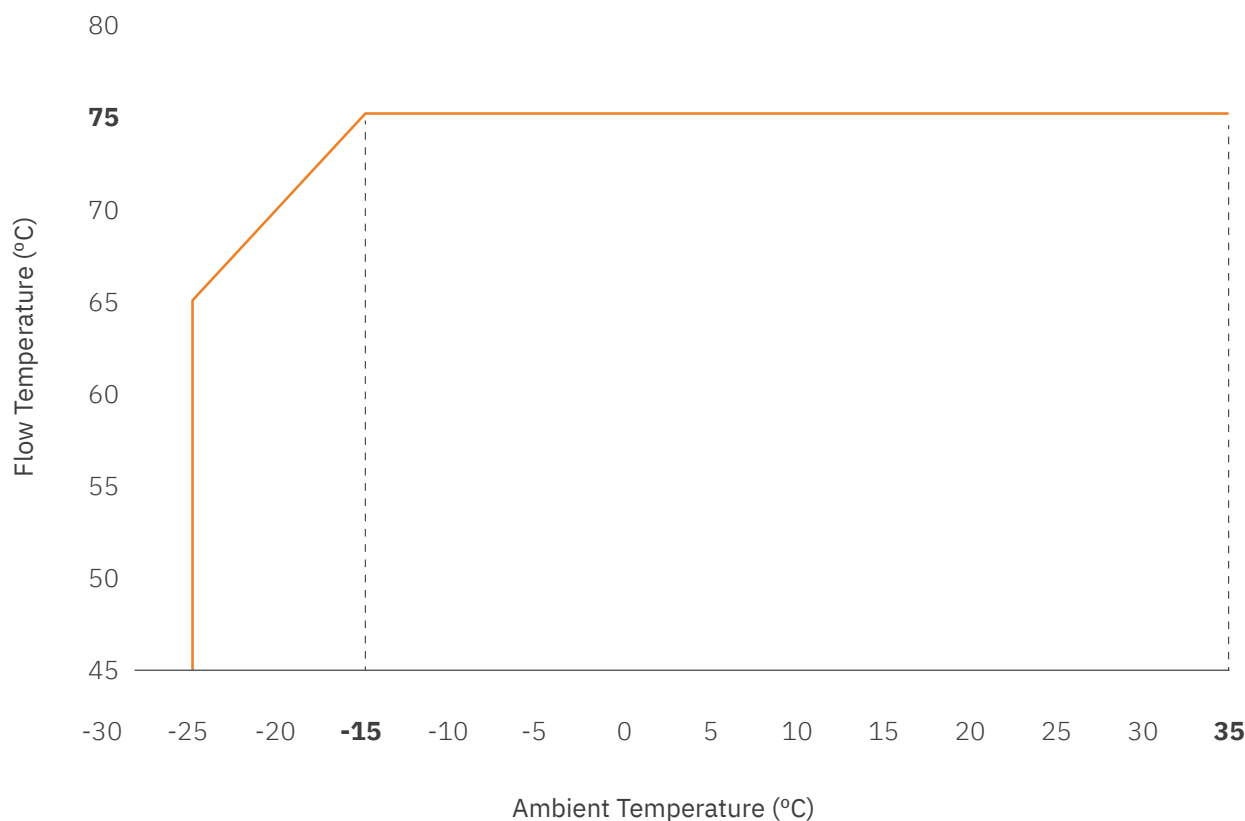


### PUZ-WZ120V/YAA CAPACITIES



## Product Information

### FLOW TEMPERATURE



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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. 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), R1234ze (GWP:7) or R1234yf (GWP:4). \*These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

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