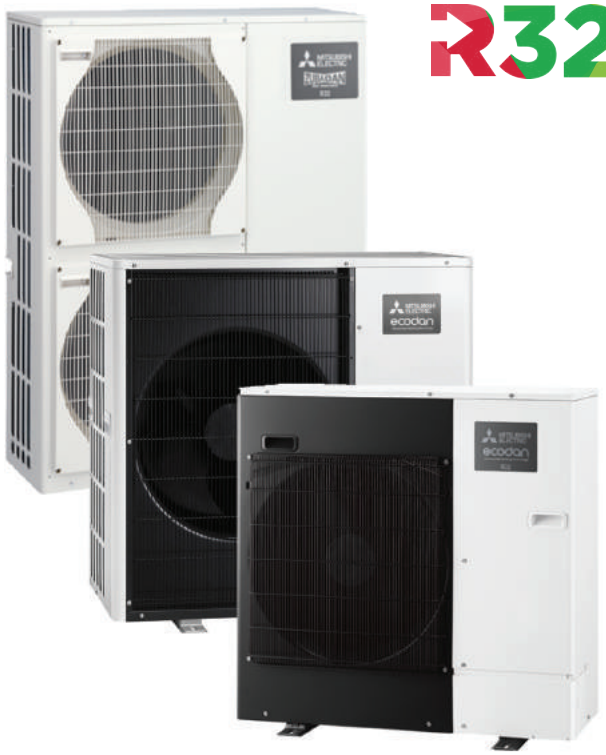
Mitsubishi Ecodan R32 Monobloc PUZ

Air Source Heat Pump



R32

Self-contained unit, requires only plumbing and electrical connections

Outside operation temperature as low as -25°C

Single phase power supply from 5 - 14kW and 3 phase available for 14kW

Latest R32 'Green Refrigerant'

Ultra quiet noise levels

Energy monitoring as standard

Help to tackle the climate crisis

Multiple cascade system available

MELCloud™

MITSUBISHI ELECTRIC

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ecodan®

Renewable Heating Technology

A Design to meet Today's Heating Demand

Mitsubishi uses proven heat pump technology to deliver a complete heating and hot water solution. Mitsubishi Electric's award winning Ecodan air source heat pump provides a simple, renewable solution that rivals traditional heating systems such as LPG, oil and gas.

5 year warranty

5 year warranty as standard*

ALTO ENERGY

Models shown are the 14kW (back unit), 6kW, 8.5kW & 11kW (middle unit) and 5kW (front unit).
Other models in this line may vary.
**7 year warranty available*

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Air Source Heat Pump

Mitsubishi are a pioneer in the development of renewable heat pump technology, and have been the UK's market leader in air source heat pumps for some time.

The Mitsubishi Ecodan is one of the most advanced, efficient air source heat pumps available on the market today.

Whether your project is a new build, retrofit or barn conversion, the Mitsubishi Ecodan air source heat pump is suitable for any application.

Technical Specification for the Ecodan PUZ

Model	WM50	WM60	WM85	WM112	HWM140V
ErP Rating - Heat Pump @ 55°C	A++	A++	A++	A++	A++
SCOP - Heat Pump @ 55°C	3.22	3.56	3.47	3.34	3.35
ErP Rating - Heat Pump @ 35°C	A+++	A+++	A+++	A+++	A+++
SCOP - Heat Pump @ 35°C	4.57	4.76	4.79	4.78	4.48
ErP Rating - Domestic Hot Water [1]	A+	A+	A+	A+	A+
Heating - Capacity (kW) [2]	5	6.0	8.5	11.2	14.0
Heating - Power Input [kW] [2]	1.67	1.88	3.27	3.73	5.71
Heating - COP [2]	3.00	3.20	2.60	3.00	2.45
Operating Ambient Temp [°C DB]	-20~+35	-20~+35	-20~+35	-25~+35	-28~+35
Sound Pressure Level at 1m [dBA] [3]	47	45	45	45	53
Sound Power Level [dBA] [3] [4]	61	58	58	60	67
Pipework Size [mm]	22	22	28	28	28
Flow Rate [l/min]	14	17	24	32	40.1
Water Pressure Drop [kPa]	12.0	8.0	15.0	24.0	20.0
Width [mm]	950	1050	1050	1050	1020
Depth [mm]	330+30 [8]	480	480	480	330+30 [8]
Height [mm]	943	1020	1020	1020	1350
Weight [kg]	71	98	98	119	132
Electrical Supply [V]	220-240	220-240	220-240	220-240	220-240
Phase	Single	Single	Single	Single	Single
Nominal Running Current [A] (MAX) [5]	4.64 (13)	5.68 (13)	9.1 (22)	10.9 (28)	TBC (35)
Fuse Rating - MCB Sizes [A] [6]	16	16	25	32	40
Refrigerant Charge [kg] - R32	2.0	2.2	2.2	3.0	3.3

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 output temp: 7°C, outlet water temp at 35°C
6) MCB Sizes BS EN60898-2 & BS EN60947-2
7) Flow Temperature Controller (FTC) for standalone systems PAC-IF062B-E Dimensions WxDxH [mm] - 520x150x450
8) Grille