

Mitsubishi Ecodan Monobloc PUHZ

Air Source Heat Pump



Self-contained unit, requires only water and electrical connections

Outside operation temperature as low as -25°C

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

Ideal for any new-build or retrofit project, be it domestic or commercial

Multiple cascade system available

Energy monitoring as standard

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.



3 year warranty as standard



Accredited Installer



Mitsubishi Ecodan Monobloc PUHZ

Air Source Heat Pump

Mitsubishi are a pioneer in the development of renewable heat pump technology offering improved energy efficiency, 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 PUHZ

Model	W50	W85	W112	HW140V	HW140Y
Heating - Capacity [kW] ¹⁾	4.8	8.3	11.0	14.0	14.0
Heating - Power Input [kW] ¹⁾	1.63	2.96	3.65	4.81	4.81
Heating - COP ¹⁾	2.95	2.80	3.01	2.91	2.91
Heating - Capacity [kW] ²⁾	5.0	8.5	11.2	14.0	14.0
Heating - Power Input [kW] ²⁾	1.60	2.68	3.35	4.52	4.52
Heating - COP ²⁾	3.13	3.17	3.34	3.11	3.11
Heating - Capacity [kW] ³⁾	5.0	9.0	11.2	14.0	14.0
Heating - Power Input [kW] ³⁾	1.22	2.15	2.51	3.31	3.31
Heating - COP ³⁾	4.10	4.18	4.47	4.25	4.25
Operating Ambient Temp [°C DB]	-15~+35	-20~+35	-20~+35	-25~+35	-25~+35
Sound Pressure Level at 1m [dBA] ^{3/4)}	45	48	53	53	53
Low Noise Mode [dBA]	40	42	46	46	46
Pipework Size [mm]	22	22	28	28	28
Flow Rate [L/min]	14.3	25.8	32.1	40.1	40.1
Water Pressure Drop [kPa]	12	13.5	6.3	9	9
Width [mm]	950	950	950	1020	1020
Depth [mm]	330+30 ⁵⁾				
Height [mm]	740	943	1350	1350	1350
Weight [kg]	64	77	133	134	148
Electrical Supply [V]	220-240	220-240	220-240	380-415	380-415
Phase	Single	Single	Single	Single	Three
Nominal Running Current [A] (MAX)	5.4 (13)	10.3 (23)	11.2 (29.5)	14.9 (35)	5.1 (13)
Fuse Rating - MCB Sizes [A] ⁶⁾	16	25	32	40	16

1) Under normal heating conditions at outdoor temp: -3°CDB / -4°CWB, outlet water temp 35°C, inlet water temp 30°C

2) Under normal heating conditions at outdoor temp: 2°CDB / 1°CWB, outlet water temp 35°C, inlet water temp 30°C as tested to BS EN14511

3) Under normal heating conditions at outdoor temp: 7°CDB / 6°CWB, outlet water temp 35°C, inlet water temp 30°C as tested to BS EN14511

4) Sound power level of the W50 is 61dBA, W85 is 62.5dBA, W112 is 65dBA, W140V is 65.5dBA, W140Y is 67.5dBA. Tested to BS EN12102

5) Grille

6) MCB Sizes BS EN60898-2 & BS EN60947-2

Flow Temperature Controller (FTC) for standalone systems PAC-IF062B-E Dimensions WxDxH [mm] - 520x150x450