

Ecodan 5kW Monobloc Air Source Heat Pump

PUZ-WM50VHA(-BS)



Solution Key Features

- Self-contained unit, only requiring water & electric connections
- No need for gas supply, flues or ventilation
- Low maintenance and quiet operation
- Operates with outside temperatures as low as -20°C
- Maintains rated heating capacity down to -7°C
- Simple grid connection as classified as Connect & Notify*1
- Hybrid function, for use with conventional boilers
- MELCloud Wi-Fi connectivity and energy monitoring as standard
- Multiple unit cascade function
- Optimised low ambient defrost control and operation

Outdoor Unit Key Technical Features

- Dimensions HxWxD (mm): 943 x 950 x 330*2
- Sound Pressure Level at 1m: 47 dBA
- ErP: A+++ (35°C)
- Breaker: 230VAC, 16A
- Recommended pipe size: 22mm
- Nominal flow rate: 14L/min

SYSTEM PRICE		INDOOR UNIT			Price (£)*3
Ref Code*3	Description	Dimensions (H x W x D)	Breaker (A)*4	Pipe Size (mm)*5	
Standalone					
499285 (499286)	5kW R32 1Ph Mono ASHP Low GWP Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	2,926 (3,020)
499686 (499687)	5kW R32 1Ph Mono ASHP Std & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	2,650 (2,744)
Packaged					
499287 (499463)	5kW R32 1Ph Mono ASHP Std & 200L Packaged Cylinder Pkg	1600x595 x 680	10 & 16	28 / 22	5,327 (5,421)
Pre-Plumbed					
612777 (613568)	5kW R32 1Ph Mono ASHP Std & 150L Pre-Plumbed Small Slimline Cylinder Pkg	1516 x 676 x 654	16 & 16	22 / 22	4,901 (4,995)
613569 (613570)	5kW R32 1Ph Mono ASHP Std & 170L Pre-Plumbed Small Slimline Cylinder Pkg	1690 x 676 x 654	16 & 16	22 / 22	4,974 (5,068)
613571 (613572)	5kW R32 1Ph Mono ASHP Std & 150L Pre-Plumbed Small Std Cylinder Pkg	1131 x 730 x 756	16 & 16	22 / 22	4,787 (4,881)
613573 (613574)	5kW R32 1Ph Mono ASHP Std & 170L Pre-Plumbed Small Std Cylinder Pkg	1257 x 730 x 756	16 & 16	22 / 22	4,857 (4,951)
613575 (613576)	5kW R32 1Ph Mono ASHP Std & 210L Pre-Plumbed Small Std Cylinder Pkg	1509 x 730 x 756	16 & 16	22 / 22	4,927 (5,021)
Versatile					
685353 (685582)	5kW R32 1Ph Mono ASHP Std & 180L Versatile Slimline Cylinder Pkg	1712x475+0.2*6x569.5	16 & 16	22 / 22	4,538 (4,632)
685583 (685584)	5kW R32 1Ph Mono ASHP Std & 210L Versatile Slimline Cylinder Pkg	2025x475+0.2*6x569.5	16 & 16	22 / 22	4,595 (4,689)
685585 (685586)	5kW R32 1Ph Mono ASHP Std & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	4,501 (4,595)

INCLUDED COMPONENTS						
Type	Description	Packaged	Pre-plumbed	Versatile	Standalone FTC6	Standalone for BEMS
Electrical	Immersion Heater	●	●	●		
	Wi-Fi Interface	●	●	●	●	
	Flow & Return Water Temperature Thermistor	●	●	●	●	●
	Flow Temperature Controller	●	●	●	●	
	DHW Upper & Lower Water Temperature Thermistor	●	●	●	●	
	DHW Water Temperature Thermistor		●	●	●	●
	BEMS System Controller		●			●
Mechanical	Plate Heat Exchanger	●	●			
	Coil Heat Exchanger			●		
	Primary Circulating Pump, DHW Circulating Pump	●	●			
	Heating Circulating Pump, Low Loss Header		●			
	3-way Motorised Diverter Valve	●	●	●		
	Scale Trap	●	●			
	Primary System Pressure Gauge, Automatic Air-Vent, Filling Loop, Drain Valve	●	●			
	DHW Drain Valve	●	●	●		
	G3 compliance kit (DHW Expansion Vessel, Pressure Reducing Valve, Temperature / Pressure Relief Valve, Expansion Relief Valve, Tundish, Strainer & Check Valve)	●	●	●		
	Magnetic Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●	●

*1 ENA database reference: HP_607. *2 exc. grille. *3 Coastal outdoor unit reference code & price in brackets. *4 Recommended breaker rating for indoor unit & Immersion heater. *5 Indoor unit flow & return pipe size (Heating/DHW). *6 Temperature and Pressure Relief Valve.