

# Ecodan 6kW Monobloc Air Source Heat Pump

PUZ-WM60VAA(-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 -10°C
- Simple grid connection as classified as Connect & Notify<sup>1</sup>
- 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): 1020 x 1050 x 480
- Sound Pressure Level at 1m: 45 dBA
- ErP: A+++ (35°C)
- Breaker: 230VAC, 16A
- Recommended pipe size: 22mm
- Nominal flow rate: 17L/min

SYSTEM PRICE		INDOOR UNIT			Price (£) <sup>2</sup>
Ref Code <sup>2</sup>	Description	Dimensions (H x W x D)	Breaker (A) <sup>3</sup>	Pipe Size (mm) <sup>4</sup>	
Standalone					
499688 (499689)	6kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	3,470 (3,589)
499724 (499725)	6kW R32 1Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	3,194 (3,313)
Packaged					
499690 (499691)	6kW R32 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	5,871 (5,990)
Pre-Plumbed					
613577 (613578)	6kW R32 1Ph Mono ASHP UQ & 150L Pre-Plumbed Small Slimline Cylinder Pkg	1516 x 676 x 654	16 & 16	22 / 22	5,445 (5,564)
613579 (613580)	6kW R32 1Ph Mono ASHP UQ & 170L Pre-Plumbed Small Slimline Cylinder Pkg	1690 x 676 x 654	16 & 16	22 / 22	5,518 (5,637)
613581 (613582)	6kW R32 1Ph Mono ASHP UQ & 150L Pre-Plumbed Small Std Cylinder Pkg	1131 x 730 x 756	16 & 16	22 / 22	5,331 (5,450)
613583 (613584)	6kW R32 1Ph Mono ASHP UQ & 170L Pre-Plumbed Small Std Cylinder Pkg	1257 x 730 x 756	16 & 16	22 / 22	5,401 (5,520)
613585 (613586)	6kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Small Std Cylinder Pkg	1509 x 730 x 756	16 & 16	22 / 22	5,471 (5,590)
613587 (613588)	6kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Large Std Cylinder Pkg	1509 x 748 x 755	16 & 16	28 / 22	5,471 (5,590)
613589 (613590)	6kW R32 1Ph Mono ASHP UQ & 250L Pre-Plumbed Large Std Cylinder Pkg	1761 x 748 x 755	16 & 16	28 / 22	5,612 (5,731)
Versatile					
685587 (685588)	6kW R32 1Ph Mono ASHP UQ & 180L Versatile Slimline Cylinder Pkg	1712 x 475+0.2 <sup>5</sup> x 569.5	16 & 16	22 / 22	5,082 (5,201)
685589 (685590)	6kW R32 1Ph Mono ASHP UQ & 210L Versatile Slimline Cylinder Pkg	2025 x 475+0.2 <sup>5</sup> x 569.5	16 & 16	22 / 22	5,139 (5,258)
685591 (685592)	6kW R32 1Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	5,045 (5,164)
685593 (685594)	6kW R32 1Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg	1745 x 550 x 651	16 & 16	22 / 22	5,156 (5,275)

## 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\_0609. \*2 Coastal outdoor unit reference code & price in brackets. \*3 Recommended breaker rating for indoor unit & Immersion heater.

\*4 Indoor unit flow & return pipe size (Heating/DHW). \*5 Temperature and Pressure Relief Valve.