

Ecodan 8.5kW 1Ph Monobloc Air Source Heat Pump

PUZ-WM85VAA(-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^{*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): 1020 x 1050 x 480
- Sound Pressure Level at 1m: 45 dBA
- ErP: A+++ (35°C)
- Breaker: 230VAC, 25A
- Recommended pipe size: 28mm
- Nominal flow rate: 24L/min

SYSTEM PRICE		INDOOR UNIT			
Ref Code ^{*2}	Description	Dimensions (H x W x D)	Breaker (A) ^{*3}	Pipe Size (mm) ^{*4}	Price (£) ^{*2}
Standalone					
499726 (499727)	8.5kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	3,842 (3,980)
499752 (499753)	8.5kW R32 1Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	3,566 (3,704)
Packaged					
499728 (499729)	8.5kW R32 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	6,243 (6,381)
Pre-Plumbed					
613591 (613592)	8.5kW R32 1Ph Mono ASHP UQ & 150L Pre-Plumbed Small Slimline Cylinder Pkg	1516 x 676 x 654	16 & 16	22 / 22	5,817 (5,955)
613593 (613594)	8.5kW R32 1Ph Mono ASHP UQ & 170L Pre-Plumbed Small Slimline Cylinder Pkg	1690 x 676 x 654	16 & 16	22 / 22	5,890 (6,028)
613595 (613596)	8.5kW R32 1Ph Mono ASHP UQ & 150L Pre-Plumbed Small Std Cylinder Pkg	1131 x 730 x 756	16 & 16	22 / 22	5,703 (5,841)
613597 (613598)	8.5kW R32 1Ph Mono ASHP UQ & 170L Pre-Plumbed Small Std Cylinder Pkg	1257 x 730 x 756	16 & 16	22 / 22	5,773 (5,911)
613599 (613600)	8.5kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Small Std Cylinder Pkg	1509 x 730 x 756	16 & 16	22 / 22	5,843 (5,981)
613601 (613602)	8.5kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Large Std Cylinder Pkg	1509 x 748 x 755	16 & 16	28 / 22	5,843 (5,981)
613603 (613604)	8.5kW R32 1Ph Mono ASHP UQ & 250L Pre-Plumbed Large Std Cylinder Pkg	1761 x 748 x 755	16 & 16	28 / 22	5,984 (6,122)
613605 (613606)	8.5kW R32 1Ph Mono ASHP UQ & 300L Pre-Plumbed Large Std Cylinder Pkg	2075 x 748 x 755	16 & 16	28 / 22	6,197 (6,335)
Versatile					
685595 (685596)	8.5kW R32 1Ph Mono ASHP UQ & 180L Versatile Slimline Cylinder Pkg	1712 x 475+0.2 ⁵ x 569.5	16 & 16	22 / 22	5,454 (5,592)
685597 (685598)	8.5kW R32 1Ph Mono ASHP UQ & 210L Versatile Slimline Cylinder Pkg	2025 x 475+0.2 ⁵ x 569.5	16 & 16	22 / 22	5,511 (5,649)
685599 (685600)	8.5kW R32 1Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	5,417 (5,555)
685601 (685602)	8.5kW R32 1Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg	1745 x 550 x 651	16 & 16	22 / 22	5,528 (5,666)
685603 (685604)	8.5kW R32 1Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg	2058 x 550 x 651	16 & 16	22 / 22	5,695 (5,833)

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_0610. *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.