Ecodan 8.5kW 3Ph Monobloc Air Source Heat Pump
PUZ-WM85YAA(-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 -20ºC
- Maintains rated heating capacity down to -10ºC
- 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+++ (35ºC)
- Breaker: 400VAC, 16A
- 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					
499754 (499755)	8.5kW R32 3Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	**4,064 (4,213)**
499780 (499781)	8.5kW R32 3Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	**3,788 (3,937)**
Packaged					
499756 (499757)	8.5kW R32 3Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	**6,465 (6,614)**
Pre-Plumbed					
613607 (613608)	8.5kW R32 3Ph Mono ASHP UQ & 150L Pre-Plumbed Small Slimline Cylinder Pkg	1516 x 676 x 654	16 & 16	22 / 22	**6,039 (6,188)**
613609 (613610)	8.5kW R32 3Ph Mono ASHP UQ & 170L Pre-Plumbed Small Slimline Cylinder Pkg	1690 x 676 x 654	16 & 16	22 / 22	**6,112 (6,261)**
613611 (613612)	8.5kW R32 3Ph Mono ASHP UQ & 150L Pre-Plumbed Small Std Cylinder Pkg	1131 x 730 x 756	16 & 16	22 / 22	**5,925 (6,074)**
613613 (613614)	8.5kW R32 3Ph Mono ASHP UQ & 170L Pre-Plumbed Small Std Cylinder Pkg	1257 x 730 x 756	16 & 16	22 / 22	**5,995 (6,144)**
613615 (613616)	8.5kW R32 3Ph Mono ASHP UQ & 210L Pre-Plumbed Small Std Cylinder Pkg	1509 x 730 x 756	16 & 16	22 / 22	**6,065 (6,214)**
613617 (613618)	8.5kW R32 3Ph Mono ASHP UQ & 210L Pre-Plumbed Large Std Cylinder Pkg	1509 x 748 x 755	16 & 16	28 / 22	**6,065 (6,214)**
613619 (613620)	8.5kW R32 3Ph Mono ASHP UQ & 250L Pre-Plumbed Large Std Cylinder Pkg	1761 x 748 x 755	16 & 16	28 / 22	**6,206 (6,355)**
613621 (613622)	8.5kW R32 3Ph Mono ASHP UQ & 300L Pre-Plumbed Large Std Cylinder Pkg	2075 x 748 x 755	16 & 16	28 / 22	**6,419 (6,568)**
Versatile					
685605 (685606)	8.5kW R32 3Ph Mono ASHP UQ & 180L Versatile Slimline Cylinder Pkg	1712 x 475+0.2[5] x 569.5	16 & 16	22 / 22	**5,676 (5,825)**
685607 (685608)	8.5kW R32 3Ph Mono ASHP UQ & 210L Versatile Slimline Cylinder Pkg	2025 x 475+0.2[5] x 569.5	16 & 16	22 / 22	**5,733 (5,882)**
685609 (685610)	8.5kW R32 3Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	**5,639 (5,788)**
685611 (685612)	8.5kW R32 3Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg	1745 x 550 x 651	16 & 16	22 / 22	**5,750 (5,899)**
685613 (685614)	8.5kW R32 3Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg	2058 x 550 x 651	16 & 16	22 / 22	**5,917 (6,066)**

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.