

Ecodan 11.2kW 1Ph Monobloc Air Source Heat Pump

PUZ-WM112VAA(-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 -25°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): 1020 x 1050 x 480
- Sound Pressure Level at 1m: 47 dBA
- ErP: A+++ (35°C)
- Breaker: 230VAC, 32A
- Recommended pipe size: 28mm
- Nominal flow rate: 32L/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					
499782 (499783)	11.2kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	4,391 (4,558)
499808 (499809)	11.2kW R32 1Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	4,115 (4,282)
Packaged					
499784 (499785)	11.2kW R32 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	6,792 (6,959)
Pre-Plumbed					
613623 (613624)	11.2kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Large Std Cylinder Pkg	1509 x 748 x 755	16 & 16	28 / 22	6,392 (6,559)
613625 (613626)	11.2kW R32 1Ph Mono ASHP UQ & 250L Pre-Plumbed Large Std Cylinder Pkg	1761 x 748 x 755	16 & 16	28 / 22	6,533 (6,700)
613627 (613628)	11.2kW R32 1Ph Mono ASHP UQ & 300L Pre-Plumbed Large Std Cylinder Pkg	2075 x 748 x 755	16 & 16	28 / 22	6,746 (6,913)
Versatile					
685615 (685616)	11.2kW R32 1Ph Mono ASHP UQ & 180L Versatile Slimline Cylinder Pkg	1712 x 475+0.2 ^{*5} x 569.5	16 & 16	22 / 22	6,003 (6,170)
685617 (685618)	11.2kW R32 1Ph Mono ASHP UQ & 210L Versatile Slimline Cylinder Pkg	2025 x 475+0.2 ^{*5} x 569.5	16 & 16	22 / 22	6,060 (6,227)
685619 (685620)	11.2kW R32 1Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	5,966 (6,133)
685621 (685622)	11.2kW R32 1Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg	1745 x 550 x 651	16 & 16	22 / 22	6,077 (6,244)
685623 (685624)	11.2kW R32 1Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg	2058 x 550 x 651	16 & 16	22 / 22	6,244 (6,411)

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.