Ecodan 14kW 1Ph Monobloc Air Source Heat Pump

PUZ-HWM140VHA(-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 -28ºC
- Maintains rated heating capacity down to -15ºC
- 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
- Simple grid connection as classified as Apply to Connect[*1]

Outdoor Unit Key Technical Features

- **Dimensions** HxWxD (mm): 1350 x 1020 x 330[*2]
- Sound Pressure Level at 1m: 53 dBA
- ErP: A+++ (35ºC)
- Breaker: Single Phase 230VAC, 40A
- Recommended pipe size: 28mm
- Nominal flow rate: 40L/min

SYSTEM PRICE		INDOOR UNIT			
Ref Code[*3]	**Description**	**Dimensions** (H x W x D)	**Breaker** (A)[*4]	**Pipe Size** (mm)[*5]	**Price (£)[*3]**
Standalone					
499838 (499839)	14kW R32 1Ph Mono ASHP Zbdn Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	5,524 (5,745)
499864 (499865)	14kW R32 1Ph Mono ASHP Zbdn & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	5,248 (5,469)
Packaged					
499840 (499841)	14kW R32 1Ph Mono ASHP Zbdn & 200L Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	7,925 (8,146)
Pre-Plumbed					
613635 (613636)	14kW R32 1Ph Mono ASHP Zbdn & 210L Pre-Plumbed Large Std Cylinder Pkg	1509 x 748 x 755	16 & 16	28 / 22	7,525 (7,746)
613637 (613638)	14kW R32 1Ph Mono ASHP Zbdn & 250L Pre-Plumbed Large Std Cylinder Pkg	1761 x 748 x 755	16 & 16	28 / 22	7,666 (7,887)
613639 (613640)	14kW R32 1Ph Mono ASHP Zbdn & 300L Pre-Plumbed Large Std Cylinder Pkg	2075 x 748 x 755	16 & 16	28 / 22	7,879 (8,100)
Versatile					
685635 (685636)	14kW R32 1Ph Mono ASHP Zbdn & 180L Versatile Slimline Cylinder Pkg	1712 x 475+0.2[*6] x 569.5	16 & 16	22 / 22	7,136 (7,357)
685637 (685638)	14kW R32 1Ph Mono ASHP Zbdn & 210L Versatile Slimline Cylinder Pkg	2025 x 475+0.2[*6] x 569.5	16 & 16	22 / 22	7,193 (7,414)
685639 (685640)	14kW R32 1Ph Mono ASHP Zbdn & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	7,099 (7,320)
685641 (685642)	14kW R32 1Ph Mono ASHP Zbdn & 250L Versatile Std Cylinder Pkg	1745 x 550 x 651	16 & 16	22 / 22	7,210 (7,431)
685643 (685644)	14kW R32 1Ph Mono ASHP Zbdn & 300L Versatile Std Cylinder Pkg	2058 x 550 x 651	16 & 16	22 / 22	7,377 (7,598)

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_0612. *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.