

Ecodan 11.2kW 3Ph Monobloc Air Source Heat Pump

PUZ-WM112YAA(-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: 400VAC, 16A
- Recommended pipe size: 28mm
- Nominal flow rate: 32L/min

| SYSTEM PRICE | | INDOOR UNIT | | | Price (£) ^{*2} |
|------------------------|---|----------------------------------|---------------------------|------------------------------|-------------------------|
| Ref Code ^{*2} | Description | Dimensions (H x W x D) | Breaker (A) ^{*3} | Pipe Size (mm) ^{*4} | |
| Standalone | | | | | |
| 499810 (499811) | 11.2kW R32 3Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 4,658 (4,841) |
| 499836 (499837) | 11.2kW R32 3Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | 4,382 (4,565) |
| Packaged | | | | | |
| 499812 (499813) | 11.2kW R32 3Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 & 16 | 28 / 22 | 7,059 (7,242) |
| Pre-Plumbed | | | | | |
| 613629 (613630) | 11.2kW R32 3Ph Mono ASHP UQ & 210L Pre-Plumbed Large Std Cylinder Pkg | 1509 x 748 x 755 | 16 & 16 | 28 / 22 | 6,659 (6,842) |
| 613631 (613632) | 11.2kW R32 3Ph Mono ASHP UQ & 250L Pre-Plumbed Large Std Cylinder Pkg | 1761 x 748 x 755 | 16 & 16 | 28 / 22 | 6,800 (6,983) |
| 613633 (613634) | 11.2kW R32 3Ph Mono ASHP UQ & 300L Pre-Plumbed Large Std Cylinder Pkg | 2075 x 748 x 755 | 16 & 16 | 28 / 22 | 7,013 (7,196) |
| Versatile | | | | | |
| 685625 (685626) | 11.2kW R32 3Ph Mono ASHP UQ & 180L Versatile Slimline Cylinder Pkg | 1712x475+0.2 ⁵ x569.5 | 16 & 16 | 22 / 22 | 6,270 (6,453) |
| 685627 (685628) | 11.2kW R32 3Ph Mono ASHP UQ & 210L Versatile Slimline Cylinder Pkg | 2025x475+0.2 ⁵ x569.5 | 16 & 16 | 22 / 22 | 6,327 (6,510) |
| 685629 (685630) | 11.2kW R32 3Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | 6,233 (6,416) |
| 685631 (685632) | 11.2kW R32 3Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg | 1745 x 550 x 651 | 16 & 16 | 22 / 22 | 6,344 (6,527) |
| 685633 (685634) | 11.2kW R32 3Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg | 2058 x 550 x 651 | 16 & 16 | 22 / 22 | 6,511 (6,694) |

| 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.