# MITSUBISHI ELECTRIC

# ecodan®

# **Residential Heating Price List** 2024

# Ecodan Heat Pumps
## Renewable Heating Systems

There is now no doubt that the world is in a climate crisis and that we need to act immediately to avoid catastrophic climate change. The UK Government have reacted by being the first major economy to pass net zero (Greenhouse Gas) emission laws. Renewable technologies, such as heat pumps, have become an integral part of the solution to the problem of reducing carbon emissions generated through heating.

As a market leader in both commercial and domestic heat pumps, Mitsubishi Electric is a pioneer in the development of this renewable technology. Around the world, heat pumps have been utilised for decades and Mitsubishi Electric has refined this technology to produce Ecodan - one of the most advanced, efficient heating systems available on the market today.

**TV presenter, architect, lecturer and writer, George Clarke is a passionate advocate of design excellence and high levels of quality in the construction industry.**

66 The way we design, build, heat, power and recycle our homes needs to change, and change quickly, and renewable heating is an important part of our future.

I'm therefore delighted to associate myself with Ecodan, the market-leading brand of heat pumps built here in the UK and which can help reduce energy bills and lower emissions for almost any home. 99

**George Clarke**
Ecodan Brand Ambassador

# Contents

# Outdoor Units

The Ecodan range of heat pumps are self-contained units that only require water and electrical connections. Our innovative range of products are easy to install, simple to maintain and offer market leading low noise levels.

Ecodan heat pumps are available from 5kW up to 960kW, making them suitable for virtually any property, from small flats to large detached houses, from an office block to a school. They are the renewable, low carbon alternative to traditional high carbon heating systems.

# Cylinders

The Ecodan range of Packaged, Pre-plumbed and Versatile Cylinders offer a highly adaptable heating solution for a variety of homes. Designed specifically to operate with Ecodan heat pumps, the cylinders are offered in a number of models.

A Packaged option with a white goods finish, a Pre-plumbed option for ease of installation, and a Versatile option with the flexibility to meet most installation requirements. The Pre-Plumbed and Versatile models, available in Slimline and Standard variants, are ideal where space is limited.

# Fan Assisted Radiators

Our i-LIFE2 Slim fan assisted radiators are an ideal compliment to either an air source heat pump or your existing heating or gas boiler system. Offering fast response times and intelligent control for the ultimate heating experience.





i-LIFE2 Slim

# Ventilation

With over 50 years of experience in manufacturing heat recovery ventilation, Mitsubishi Electric knows that the best ventilation systems to maximise the health and wellbeing of occupants need to be quiet and easily maintainable.

The residential range of Lossnay heat recovery systems are easy to install and commission, offer market leading noise levels, and have easily accessible filters.

# Partner Programme

**The Mitsubishi Electric Partner Programme forges the link between our innovative products and your professional installations.** Once accredited, your company can benefit from our Relationship Development Fund (RDF) which will grow with the amount of business you do with us. This reward scheme was created to financially support joint sales and marketing activities that will help improve and expand your business.

## Summary of Accredited Installer Benefits:

### ◼ Showroom Equipment
All partners are eligible to purchase Mitsubishi Electric equipment for their premises and showroom. Once purchased and installed, we will match fund you up to 50% from the RDF programme.

### ◼ Website Development
We can support you in the redesign or updates on of your company's website to include our logos, product shots and information on our product range. Please contact us for images and content.

### ◼ Vehicle Livery
Promote your company alongside Mitsubishi Electric on your company vehicles and we will match fund you up to 50% from the RDF programme.

### ◼ Case Studies
Case Studies, or examples of individual installations, are an excellent means of promoting our joint business activities together. Whether your installation is large or small, we can help you promote your success stories to generate enquiries and help to grow your business.

### ◼ Workwear and Promotional Goods
Take full advantage of your RDF by enhancing your company image with dual branded work wear and promotional items from our Promotional Goods RDF Catalogue, and we will match fund you up to 50%.

### Product Training
We offer a variety of training courses, ranging from the simple to the more intricate, all of which are designed to enable technical engineers to design, install or maintain our systems. Use 100% RDF to fund your colleagues training sessions with us online or face to face.

### Advertising and Brochures
We are happy to support partners with the production of your company joint promotions, press and brochures using up to 50% RDF.

### Exhibitions and Seminars
Exhibitions and seminars provide an ideal opportunity to promote your business and show potential customers the benefits of Mitsubishi Electric's product range. We can help you plan, support and contribute towards the costs.

### Ecodan Selection Tool for Installers
This online tool has a free to access section designed for homeowners and a more immersive section for partners who have registered a request for access. This installer section allows for whole house and room by room designs to be undertaken and will issue a professional report which can be used to support your design process.

### Customer Hospitality
Developing business relationships in an informal environment can be mutually beneficial to both you and your clients. We will match fund qualified customer hospitality activity via the RDF programme, where a Mitsubishi Electric representative attends. We also now offer 100% RDF events that your company colleagues and customers can join. Get in contact to find out about our latest events!

### Technical Helpdesk
To assist our partners in the repair and maintenance of Mitsubishi Electric equipment, we have a dedicated team of industry experienced engineers based in the UK who will endeavour to speedily diagnose faults and offer solutions to the problems.

## Overview of heating benefits per account status

| Product Type | Standard Account Holder (SAH) | Accredited Ecodan Installer (AI) | Business Solutions Partner (BSP) |
|---|---|---|---|
| Ecodan Selection Tool Access | No | Yes | Yes |
| Product Warranty (Ecodan <20kW) | 3 Years | 5 Years[1] [2] | 7 Years[1] |
| Free Training Sessions (per annum) | 0 | 0[3] | 5[3] |

[1] For air source heat pump outdoor units only. [2] Extension from 5 years to 7 years available via a warranty extension package (See page 27).
[3] Training sessions can be 100% funded via RDF. For complete details please consult our T&C.

For further information please contact your Partner Programme Co-ordinator at **partner@meuk.mee.com** or call **01707 288757**  (Please note this is for direct sales only)

To check your eligibility and become a heating partner with us, please scan the QR code for more information.

# Range Overview

PUZ-WZ50VAA  PUZ-WM50VHA

| System Type | | | Litres | 5kW | 5kW |
|---|---|---|---|---|---|
| **Standalone** | | PAC-IF072B-E | | | ● |
| | | PAC-IF082B-E | | ● | |
| **Packaged Cylinder** | | EHPT20X-MEHEW | 200 | ● | ● |
| **Pre-Plumbed Slimline Cylinder** | | EHPT15X-UKHLDW1S | 150 | | ● |
| | | EHPT17X-UKHLDW1S | 170 | | ● |
| **Pre-Plumbed Standard Cylinder** | | EHPT15X-UKHDW1S | 150 | | ● |
| | | EHPT17X-UKHDW1S | 170 | | ● |
| | | EHPT21X-UKHDW1S | 210 | | ● |
| | | EHPT21X-UKHDW1L | 210 | | |
| | | EHPT25X-UKHDW1L | 250 | | |
| | | EHPT30X-UKHDW1L | 300 | | |

| PUZ-WZ60VAA | PUZ-WM60VAA | PUZ-WZ80VAA | PUZ-WM85VAA PUZ-WM85YAA | PUZ-WM112VAA PUZ-WM112YAA | PUZ-HWM140VHA PUZ-HWM140YHA | QAHV-N560YA-HPB | CAHV-R450YA-HPB | CRHV-P600YA-HPB |
|---|---|---|---|---|---|---|---|---|
| 6kW | 6kW | 8kW | 8.5kW | 11.2kW | 14kW | 40kW | 40kW | 60kW |
|  | ● |  | ● | ● | ● |  |  |  |
| ● |  | ● |  |  |  |  |  |  |
| ● | ● | ● | ● | ● | ● |  |  |  |
|  | ● |  | ● |  |  |  |  |  |
|  | ● |  | ● |  |  |  |  |  |
|  | ● |  | ● |  |  |  |  |  |
|  | ● |  | ● |  |  |  |  |  |
|  | ● |  | ● |  |  |  |  |  |
|  | ● |  | ● | ● | ● |  |  |  |
|  | ● |  | ● | ● | ● |  |  |  |
|  |  |  | ● | ● | ● |  |  |  |

# Range Overview

PUZ-WZ50VAA   PUZ-WM50VHA

| System Type | | Litres | 5kW | 5kW |
|---|---|---|---|---|
| **Versatile Slimline Cylinder** | EHPT18X-UKHLDWB | 180 | | ● |
| | EHPT21X-UKHLDWB | 210 | | ● |
| **Versatile Standard Cylinder** | EHPT21X-UKHDWB | 210 | | ● |
| | EHPT25X-UKHDWB | 250 | | |
| | EHPT30X-UKHDWB | 300 | | |
| **Ecodan Hydrodan (Water Loop Technology)** | EHWT17D-MHEDW | 170 | | |

| **Approvals** | | | | |
|---|---|---|---|---|
| | Manufactured in the United Kingdom | | ● | ● |
| | Red Dot Award | | ● | ● |
| | Microgeneration Certification Scheme | | | |
| | Keymark | | ● | ● |
| | Boiler Upgrade Scheme Product Eligibility List | | ● | ● |

**Notes:** Product Eligibility List from https://www.ofgem.gov.uk/publications/boiler-upgrade-scheme-product-eligibility.

| | PUZ-WZ60VAA | PUZ-WM60VAA | PUZ-WZ80VAA | PUZ-WM85VAA PUZ-WM85YAA | PUZ-WM112VAA PUZ-WM112YAA | PUZ-HWM140VHA PUZ-HWM140YHA | QAHV-N560YA-HPB | CAHV-R450YA-HPB | CRHV-P600YA-HPB |

| 6kW | 6kW | 8kW | 8.5kW | 11.2kW | 14kW | 40kW | 40kW | 60kW |
|---|---|---|---|---|---|---|---|---|
|  | ● |  | ● | ● | ● |  |  |  |
|  | ● |  | ● | ● | ● |  |  |  |
|  | ● |  | ● | ● | ● |  |  |  |
|  | ● |  | ● | ● | ● |  |  |  |
|  |  |  | ● | ● | ● |  |  |  |
|  |  |  |  |  |  |  | ● | ● |

| 6kW | 6kW | 8kW | 8.5kW | 11.2kW | 14kW | 40kW | 40kW | 60kW |
|---|---|---|---|---|---|---|---|---|
| ● | ● | ● | ● | ● |  |  |  |  |
| ● | ● | ● | ● | ● |  |  |  |  |
|  |  |  |  |  |  |  |  | ● |
| ● | ● | ● | ● | ● | ● | ● |  |  |
| ● | ● | ● | ● | ● | ● |  |  | ● |

# Coastal Protection Models (-BS)

The Ecodan coastal models are designed to protect against the corrosive effects of environments that are in close proximity to the sea. By enhancing the corrosion protection of key components, we can ensure that even in aggressive coastal areas, Ecodan will continue to provide low cost renewable heating for years to come.
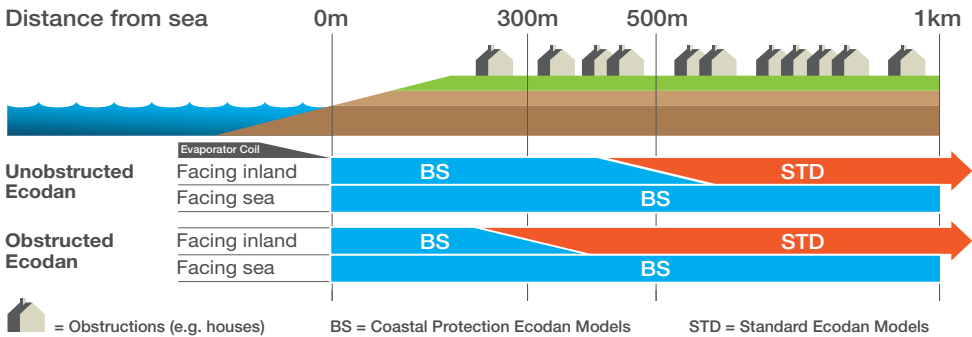


**Note:** 1. If possible avoid siting the Ecodan in direct exposure to sea spray. 2. Ensure rain water is able to fall onto the Ecodan and avoid placement directly under building eaves 3. Ensure horizontal installation for good drainage. 4. Regular inspections and washing of unit with fresh water is recommended. Any scratches should be repaired as soon as possible

# MELCloud and MELConsole Wi-Fi Connectivity

**MELCloud** is a cloud based solution for controlling your Mitsubishi Electric Ecodan heating system either locally or remotely by PC, Mac, Tablet or Smartphone via the internet.

**MELConsole** provides remote maintenance and technical support to the owners of an Ecodan heating system, often resolving any technical issues they may have over phone. This service is provided completely free of charge with the majority of calls being solved online without a visit from an engineer, saving time, money and fuel.

## MELCloud

### Remote Control and Monitoring

| Key Features | Control | Monitor |
|---|---|---|
| On/Off | ● | ● |
| Mode | ● | ● |
| Heating Setpoint | ● | ● |
| Hot Water Boost | ● | |
| 2-Zone Control | ● | |
| Holiday Mode | ● | |
| Timer | ● | |
| Frost Protection | ● | |
| Tank Temperature | | ● |
| Tank Target Temperature | | ● |
| Outside Temperature | | ● |
| Fault Codes | | ● |
| Consumed Electrical Energy | | ● |
| Produced Heat Energy | | ● |

### Compatible with Alexa and Google Home

For a demonstration of Mitsubishi Electric's MELCloud, scan the QR Code or visit our website **www.melcloud.com**

## MELConsole
Remote Maintenance & Technical Support

### Remote Maintenance and Technical Support
Key Features and Benefits

- Solve your heating and hot water issues faster
- One phone call can often remove the need for a site visit
- Cut down on wasted travel time and cost
- Remote monitoring and fault diagnostics by phone
- Ideal solution for private homeowners, landlords and social housing providers

To find out more, scan the QR Code or call the Ecodan Helpdesk: **0161 866 6064**

# Ecodan R290 5kW
# Monobloc Air Source Heat Pump

## PUZ-WZ50VAA(-BS)

## Solution Key Features

- A+++ heating efficiency
- Ultra quiet noise levels
- MELCloud enabled
- High water temperature of up to 75°C
- Fully electric source of heating and hot water
- Minimised energy consumption
- Flexible product placement
- Remote control, monitoring, maintenance and technical support
- Ideal for energy storage
- Zero carbon ready

## Outdoor Unit Key Technical Features

- **Dimensions** HxWxD (mm): 1020 x 1050 x 480
- Sound Pressure Level at 1m: 40 dBA
- ErP: A+++ (35°C)
- Breaker: 230VAC, 16A
- Recommended pipe size: 22mm
- Nominal flow rate: 14L/min

| SYSTEM PRICE | | INDOOR UNIT | | | |
|---|---|---|---|---|---|
| Ref Code[*1] | Description | Dimensions (H x W x D) | Breaker (A)[*2] | Pipe Size (mm)[*3] | Price (£)[*1] |
| Standalone | | | | | |
| 701932 (701933) | 5kW R290 1Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 3,552 (3,676) |
| Packaged | | | | | |
| 701938 (701939) | 5kW R290 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 /16 | 28 / 22 | 6,012 (6,136) |

| INCLUDED COMPONENTS | | | |
|---|---|---|---|
| Type | Description | Packaged Cylinder | Standalone FTC7 |
| Electrical | Immersion Heater | ● | |
| | Wi-Fi Interface | ● | ● |
| | Flow & Return Water Temperature Thermistor | ● | ● |
| | Flow Temperature Controller | ● | |
| | DHW Upper & Lower Water Temperature Thermistor | ● | |
| Mechanical | Plate Heat Exchanger | ● | |
| | Primary Circulating Pump, DHW Circulating Pump | ● | |
| | 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) | ● | |
| | Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor | ● | ● |

*1 Coastal outdoor unit reference code & price in brackets. *2 Recommended breaker rating for indoor unit & Immersion heater.
*3 Indoor unit flow & return pipe size (Heating/DHW).

# Ecodan R290 6kW
# Monobloc Air Source Heat Pump

## PUZ-WZ60VAA(-BS)

## Solution Key Features

- A+++ heating efficiency
- Ultra quiet noise levels
- MELCloud enabled
- High water temperature of up to 75°C
- Fully electric source of heating and hot water
- Minimised energy consumption
- Flexible product placement
- Remote control, monitoring, maintenance and technical support
- Ideal for energy storage
- Zero carbon ready

## Outdoor Unit
## Key Technical Features

- **Dimensions** HxWxD (mm): 1020 x 1050 x 480
- Sound Pressure Level at 1m: 40 dBA
- ErP: A+++ (35ºC)
- Breaker: 230VAC, 16A
- Recommended pipe size: 22mm
- Nominal flow rate: 17L/min

| SYSTEM PRICE | | INDOOR UNIT | | | |
|---|---|---|---|---|---|
| **Ref Code***[1] | **Description** | **Dimensions** (H x W x D) | **Breaker** (A)*[2] | **Pipe Size** (mm)*[3] | **Price (£)***[1] |
| Standalone | | | | | |
| **701934 (701935)** | 6kW R290 1Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | **3,775 (3,905)** |
| Packaged | | | | | |
| **701940 (701941)** | 6kW R290 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 /16 | 28 / 22 | **6,235 (6,365)** |

| INCLUDED COMPONENTS | | | |
|---|---|---|---|
| **Type** | **Description** | **Packaged Cylinder** | **Standalone FTC7** |
| Electrical | Immersion Heater | ● | |
| | Wi-Fi Interface | ● | ● |
| | Flow & Return Water Temperature Thermistor | ● | ● |
| | Flow Temperature Controller | ● | ● |
| | DHW Upper & Lower Water Temperature Thermistor | ● | |
| Mechanical | Plate Heat Exchanger | ● | |
| | Primary Circulating Pump, DHW Circulating Pump | ● | |
| | 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) | ● | |
| | Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor | ● | ● |

*1 Coastal outdoor unit reference code & price in brackets.  *2 Recommended breaker rating for indoor unit & Immersion heater.
*3 Indoor unit flow & return pipe size (Heating/DHW).

# Ecodan R290 8kW
# Monobloc Air Source Heat Pump

## PUZ-WZ80VAA(-BS)

## Solution Key Features

- A+++ heating efficiency
- Ultra quiet noise levels
- MELCloud enabled
- High water temperature of up to 75°C
- Fully electric source of heating and hot water
- Minimised energy consumption
- Flexible product placement
- Remote control, monitoring, maintenance and technical support
- Ideal for energy storage
- Zero carbon ready

## Outdoor Unit Key Technical Features

- **Dimensions** HxWxD (mm): 1020 x 1050 x 480
- Sound Pressure Level at 1m: 40 dBA
- ErP: A+++ (35ºC)
- Breaker: 230VAC, 16A
- Recommended pipe size: 28mm
- Nominal flow rate: 23L/min

| SYSTEM PRICE | | INDOOR UNIT | | | |
|---|---|---|---|---|---|
| Ref Code[*1] | Description | Dimensions (H x W x D) | Breaker (A)[*2] | Pipe Size (mm)[*3] | Price (£)[*1] |
| Standalone | | | | | |
| 701936 (701937) | 8kW R290 1Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 4,284 (4,432) |
| Packaged | | | | | |
| 701963 (701964) | 8kW R290 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 /16 | 28 / 22 | 6,744 (6,892) |

| INCLUDED COMPONENTS | | | |
|---|---|---|---|
| Type | Description | Packaged Cylinder | Standalone FTC7 |
| Electrical | Immersion Heater | ● | |
| | Wi-Fi Interface | ● | ● |
| | Flow & Return Water Temperature Thermistor | ● | ● |
| | Flow Temperature Controller | ● | ● |
| | DHW Upper & Lower Water Temperature Thermistor | ● | |
| Mechanical | Plate Heat Exchanger | ● | |
| | Primary Circulating Pump, DHW Circulating Pump | ● | |
| | 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) | ● | |
| | Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor | ● | ● |

*1 Coastal outdoor unit reference code & price in brackets.  *2 Recommended breaker rating for indoor unit & Immersion heater.
*3 Indoor unit flow & return pipe size (Heating/DHW).

# Ecodan R32 5kW
# Monobloc Air Source Heat Pump

## PUZ-WM50VHA(-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 -7ºC
- 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): 943 x 950 x 330[*2]
- Sound Pressure Level at 1m: 47 dBA
- ErP: A+++ (35ºC)
- Breaker: 230VAC, 16A
- Recommended pipe size: 22mm
- Nominal flow rate: 14L/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 | | | | | |
| 706651 (706653) | 5kW R32 1Ph Mono ASHP Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 3,023 (3,121) |
| 706656 (706657) | 5kW R32 1Ph Mono ASHP Std and FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | 2,740 (2,838) |
| Packaged | | | | | |
| 706654 (706655) | 5kW R32 1Ph Mono ASHP Std and 200L Packaged Cylinder Pkg | 1600x 595 x 680 | 10 & 16 | 28 / 22 | 5,538 (5,636) |
| Pre-Plumbed | | | | | |
| 612777 (613568) | 5kW R32 1Ph Mono ASHP Std & 150L Pre-Plumbed Small Slimline Cylinder Pkg | 1516 x 676 x 654 | 16 & 16 | 22 / 22 | 4,984 (5,082) |
| 613569 (613570) | 5kW R32 1Ph Mono ASHP Std & 170L Pre-Plumbed Small Slimline Cylinder Pkg | 1690 x 676 x 654 | 16 & 16 | 22 / 22 | 5,057 (5,155) |
| 613571 (613572) | 5kW R32 1Ph Mono ASHP Std & 150L Pre-Plumbed Small Std Cylinder Pkg | 1131 x 730 x 756 | 16 & 16 | 22 / 22 | 4,870 (4,968) |
| 613573 (613574) | 5kW R32 1Ph Mono ASHP Std & 170L Pre-Plumbed Small Std Cylinder Pkg | 1257 x 730 x 756 | 16 & 16 | 22 / 22 | 4,940 (5,038) |
| 613575 (613576) | 5kW R32 1Ph Mono ASHP Std & 210L Pre-Plumbed Small Std Cylinder Pkg | 1509 x 730 x 756 | 16 & 16 | 22 / 22 | 5,010 (5,108) |
| Versatile | | | | | |
| 706658 (706659) | 5kW R32 1Ph Mono ASHP Std & 180L Versatile Slimline Cylinder Pkg | 1712 x 475+0.2[*6] x 569.5 | 16 & 16 | 22 / 22 | 4,704 (4,802) |
| 706660 (706661) | 5kW R32 1Ph Mono ASHP Std & 210L Versatile Slimline Cylinder Pkg | 2025 x 475+0.2[*6] x 569.5 | 16 & 16 | 22 / 22 | 4,763 (4,861) |
| 706662 (706679) | 5kW R32 1Ph Mono ASHP Std & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | 4,665 (4,763) |

| 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 | | ● | | | |
| | Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor | ● | | ● | ● | ● |

*1 ENA database reference: HP_607.  *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 & Pressure Relief Valve.

# Ecodan R32 6kW
# Monobloc Air Source Heat Pump

PUZ-WM60VAA(-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: 230VAC, 16A
- Recommended pipe size: 22mm
- Nominal flow rate: 17L/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 | | | | | |
| 706680 (706681) | 6kW R32 1Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | **3,589 (3,712)** |
| 706684 (706686) | 6kW R32 1Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | **3,306 (3,429)** |
| Packaged | | | | | |
| 706682 (706683) | 6kW R32 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 & 16 | 28 / 22 | **6,104 (6,227)** |
| Pre-Plumbed | | | | | |
| 613577 (613578) | 6kW R32 1Ph Mono ASHP UQ & 150L Pre-Plumbed Small Slimline Cylinder Pkg | 1516 x 676 x 654 | 16 & 16 | 22 / 22 | **5,550 (5,673)** |
| 613579 (613580) | 6kW R32 1Ph Mono ASHP UQ & 170L Pre-Plumbed Small Slimline Cylinder Pkg | 1690 x 676 x 654 | 16 & 16 | 22 / 22 | **5,623 (5,746)** |
| 613581 (613582) | 6kW R32 1Ph Mono ASHP UQ & 150L Pre-Plumbed Small Std Cylinder Pkg | 1131 x 730 x 756 | 16 & 16 | 22 / 22 | **5,436 (5,559)** |
| 613583 (613584) | 6kW R32 1Ph Mono ASHP UQ & 170L Pre-Plumbed Small Std Cylinder Pkg | 1257 x 730 x 756 | 16 & 16 | 22 / 22 | **5,506 (5,629)** |
| 613585 (613586) | 6kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Small Std Cylinder Pkg | 1509 x7 30 x 756 | 16 & 16 | 22 / 22 | **5,576 (5,699)** |
| 613587 (613588) | 6kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Large Std Cylinder Pkg | 1509 x 748 x 755 | 16 & 16 | 28 / 22 | **5,576 (5,699)** |
| 613589 (613590) | 6kW R32 1Ph Mono ASHP UQ & 250L Pre-Plumbed Large Std Cylinder Pkg | 1761 x 748 x 755 | 16 & 16 | 28 / 22 | **5,717 (5,840)** |
| Versatile | | | | | |
| 706687 (706688) | 6kW R32 1Ph Mono ASHP UQ & 180L Versatile Slimline Cylinder Pkg | 1712 x475+0.2[*5] x 569.5 | 16 & 16 | 22 / 22 | **5,270 (5,393)** |
| 706689 (706690) | 6kW R32 1Ph Mono ASHP UQ & 210L Versatile Slimline Cylinder Pkg | 2025 x 475+0.2[*5] x 569.5 | 16 & 16 | 22 / 22 | **5,329 (5,452)** |
| 706691 (706693) | 6kW R32 1Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | **5,231 (5,354)** |
| 706694 (706695) | 6kW R32 1Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg | 1745 x 550 x 651 | 16 & 16 | 22 / 22 | **5,347 (5,470)** |

| 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 | | ● | | | |
| | Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor | ● | | ● | ● | ● |

*1 ENA database reference: HP_0609.  *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.

# Ecodan R32 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 -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: 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 | | | | | |
| 706698 (708169) | 8.5kW R32 1Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 3,984 (4,128) |
| 708174 (708175) | 8.5kW R32 1Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | 3,701 (3,845) |
| Packaged | | | | | |
| 708172 (708173) | 8.5kW R32 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 & 16 | 28 / 22 | 6,499 (6,643) |
| 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 | 5,936 (6,080) |
| 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 | 6,009 (6,153) |
| 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 | 5,822 (5,966) |
| 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 | 5,892 (6,036) |
| 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 | 5,962 (6,106) |
| 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 | 5,962 (6,106) |
| 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 | 6,103 (6,247) |
| 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 | 6,316 (6,460) |
| Versatile | | | | | |
| 708177 (708178) | 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 | 5,665 (5,809) |
| 708180 (708181) | 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 | 5,724 (5,868) |
| 708182 (708183) | 8.5kW R32 1Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | 5,626 (5,770) |
| 708184 (708185) | 8.5kW R32 1Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg | 1745 x 550 x 651 | 16 & 16 | 22 / 22 | 5,742 (5,886) |
| 709744 (709745) | 8.5kW R32 1Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg | 2058 x 550 x 651 | 16 & 16 | 22 / 22 | 5,915 (6,059) |

| 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 | | ● | | | |
| | Heat Pump 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.

# Ecodan R32 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 | | | | | |
| 709746 (709747) | 8.5kW R32 3Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 4,215 (4,370) |
| 709750 (709751) | 8.5kW R32 3Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | 3,932 (4,087) |
| Packaged | | | | | |
| 709748 (709749) | 8.5kW R32 3Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 & 16 | 28 / 22 | 6,730 (6,885) |
| 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 | 6,167 (6,322) |
| 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 | 6,240 (6,395) |
| 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 | 6,053 (6,208) |
| 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 | 6,123 (6,278) |
| 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 | 6,193 (6,348) |
| 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 | 6,193 (6,348) |
| 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 | 6,334 (6,489) |
| 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 | 6,547 (6,702) |
| Versatile | | | | | |
| 709752 (709753) | 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 | 5,896 (6,051) |
| 709754 (709755) | 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 | 5,955 (6,110) |
| 709756 (709757) | 8.5kW R32 3Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | 5,857 (6,012) |
| 709758 (709759) | 8.5kW R32 3Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg | 1745 x 550 x 651 | 16 & 16 | 22 / 22 | 5,973 (6,128) |
| 709760 (709783) | 8.5kW R32 3Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg | 2058 x 550 x 651 | 16 & 16 | 22 / 22 | 6,146 (6,301) |

| 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 | | ● | | | |
| | Heat Pump 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.

# Ecodan R32 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 -25ºC
- Maintains rated heating capacity down to -7ºC
- 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+++ (35ºC)
- 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 | | | | | |
| 709784 (709785) | 11.2kW R32 1Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 4,555 (4,729) |
| 709788 (709790) | 11.2kW R32 1Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | 4,272 (4,446) |
| Packaged | | | | | |
| 709786 (709787) | 11.2kW R32 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 & 16 | 28 / 22 | 7,070 (7,244) |
| 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 | 6,533 (6,707) |
| 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 | 6,674 (6,848) |
| 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 | 6,887 (7,061) |
| Versatile | | | | | |
| 709791 (709792) | 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 | 6,236 (6,410) |
| 709793 (709794) | 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 | 6,295 (6,469) |
| 709795 (709796) | 11.2kW R32 1Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | 6,197 (6,371) |
| 709797 (709798) | 11.2kW R32 1Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg | 1745 x 550 x 651 | 16 & 16 | 22 / 22 | 6,313 (6,487) |
| 709799 (709800) | 11.2kW R32 1Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg | 2058 x 550 x 651 | 16 & 16 | 22 / 22 | 6,486 (6,660) |

| 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 | | ● | | | |
| | Heat Pump 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.

# Ecodan R32 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 -25ºC
- Maintains rated heating capacity down to -7ºC
- 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+++ (35ºC)
- Breaker: 400VAC, 16A
- 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 | | | | | |
| 710117 (710118) | 11.2kW R32 3Ph Mono ASHP UQ Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 4,833 (5,023) |
| 710124 (710125) | 11.2kW R32 3Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | 4,550 (4,740) |
| Packaged | | | | | |
| 710119 (710121) | 11.2kW R32 3Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 & 16 | 28 / 22 | 7,348 (7,538) |
| 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 | 6,811 (7,001) |
| 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 | 6,952 (7,142) |
| 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 | 7,165 (7,355) |
| Versatile | | | | | |
| 710126 (710127) | 11.2kW R32 3Ph Mono ASHP UQ & 180L Versatile Slimline Cylinder Pkg | 1712 x 475+0.2[5] x 569.5 | 16 & 16 | 22 / 22 | 6,514 (6,704) |
| 710128 (710129) | 11.2kW R32 3Ph Mono ASHP UQ & 210L Versatile Slimline Cylinder Pkg | 2025 x 475+0.2[5] x 569.5 | 16 & 16 | 22 / 22 | 6,573 (6,763) |
| 710130 (710131) | 11.2kW R32 3Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | 6,475 (6,665) |
| 710132 (710134) | 11.2kW R32 3Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg | 1745 x 550 x 651 | 16 & 16 | 22 / 22 | 6,591 (6,781) |
| 710135 (710136) | 11.2kW R32 3Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg | 2058 x 550 x 651 | 16 & 16 | 22 / 22 | 6,764 (6,954) |

| 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 | | ● | | | |
| | Heat Pump 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.

# Ecodan R32 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 -28°C
- Maintains rated heating capacity down to -15°C
- 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+++ (35°C)
- 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 | | | | | |
| 710137 (710138) | 14kW R32 1Ph Mono ASHP Zbdn Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 5,734 (5,964) |
| 710141 (710151) | 14kW R32 1Ph Mono ASHP Zbdn & FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | 5,451 (5,681) |
| Packaged | | | | | |
| 710139 (710140) | 14kW R32 1Ph Mono ASHP Zbdn & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 & 16 | 28 / 22 | 8,249 (8,479) |
| 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 | 7,712 (7,942) |
| 613637 (613638) | 14kW R32 1Ph Mono ASHP Zbdn & 250L Pre-Plumbed Large Std Cylinder Pkg | 1761 x 748 x 755 | 16 & 16 | 28 / 22 | 7,853 (8,083) |
| 613639 (613640) | 14kW R32 1Ph Mono ASHP Zbdn & 300L Pre-Plumbed Large Std Cylinder Pkg | 2075 x 748 x 755 | 16 & 16 | 28 / 22 | 8,066 (8,296) |
| Versatile | | | | | |
| 710152 (710153) | 14kW R32 1Ph Mono ASHP Zbdn & 180L Versatile Slimline Cylinder Pkg | 1712 x 475+0.2\*6 x 569.5 | 16 & 16 | 22 / 22 | 7,415 (7,645) |
| 710154 (710157) | 14kW R32 1Ph Mono ASHP Zbdn & 210L Versatile Slimline Cylinder Pkg | 2025 x 475+0.2\*6 x 569.5 | 16 & 16 | 22 / 22 | 7,474 (7,704) |
| 710159 (710161) | 14kW R32 1Ph Mono ASHP Zbdn & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | 7,376 (7,606) |
| 710162 (710163) | 14kW R32 1Ph Mono ASHP Zbdn & 250L Versatile Std Cylinder Pkg | 1745 x 550 x 651 | 16 & 16 | 22 / 22 | 7,492 (7,722) |
| 710166 (710167) | 14kW R32 1Ph Mono ASHP Zbdn & 300L Versatile Std Cylinder Pkg | 2058 x 550 x 651 | 16 & 16 | 22 / 22 | 7,665 (7,885) |

| 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 | | ● | | | |
| | Heat Pump 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.

# Ecodan R32 14kW 3Ph Monobloc Air Source Heat Pump

## PUZ-HWM140YHA(-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
- 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): 1350 x 1020 x 330*2
- Sound Pressure Level at 1m: 53 dBA
- ErP: A+++ (35ºC)
- Breaker: Three Phase 400VAC, 16A
- Recommended pipe size: 28mm
- Nominal flow rate: 40L/min

| SYSTEM PRICE | | INDOOR UNIT | | | |
|---|---|---|---|---|---|
| Ref Code*2 | Description | Dimensions (H x W x D) | Breaker (A)*4 | Pipe Size (mm)*5 | Price (£)*3 |
| Standalone | | | | | |
| 710168 (710169) | 14kW R32 3Ph Mono ASHP Zbdn Standalone Pkg | 422 x 393 x 87 | Via ODU or 16 | - | 6,004 (6,251) |
| 710172 (710173) | 14kW R32 3Ph Mono ASHP Zbdn & FTC2BR Flow Temperature Controller Pkg | 278 x 336 x 69 | Via ODU or 16 | - | 5,721 (5,968) |
| Packaged | | | | | |
| 710170 (710171) | 14kW R32 3Ph Mono ASHP Zbdn & 200L Packaged Cylinder Pkg | 1600 x 595 x 680 | 10 & 16 | 28 / 22 | 8,519 (8,766) |
| Pre-Plumbed | | | | | |
| 613641 (613642) | 14kW R32 3Ph Mono ASHP Zbdn & 210L Pre-Plumbed Large Std Cylinder Pkg | 1509 x 748 x 755 | 16 & 16 | 28 / 22 | 7,982 (8,229) |
| 613643 (613644) | 14kW R32 3Ph Mono ASHP Zbdn & 250L Pre-Plumbed Large Std Cylinder Pkg | 1761 x 748 x 755 | 16 & 16 | 28 / 22 | 8,123 (8,370) |
| 613645 (613646) | 14kW R32 3Ph Mono ASHP Zbdn & 300L Pre-Plumbed Large Std Cylinder Pkg | 2075 x 748 x 755 | 16 & 16 | 28 / 22 | 8,336 (8,583) |
| Versatile | | | | | |
| 710174 (710175) | 14kW R32 3Ph Mono ASHP Zbdn & 180L Versatile Slimline Cylinder Pkg | 1712 x 475+0.2*6 x 569.5 | 16 & 16 | 22 / 22 | 7,685 (7,932) |
| 710176 (710177) | 14kW R32 3Ph Mono ASHP Zbdn & 210L Versatile Slimline Cylinder Pkg | 2025 x 475+0.2*6 x 569.5 | 16 & 16 | 22 / 22 | 7,744 (7,991) |
| 710178 (710179) | 14kW R32 3Ph Mono ASHP Zbdn & 210L Versatile Std Cylinder Pkg | 1495 x 550 x 651 | 16 & 16 | 22 / 22 | 7,646 (7,893) |
| 710180 (710181) | 14kW R32 3Ph Mono ASHP Zbdn & 250L Versatile Std Cylinder Pkg | 1745 x 550 x 651 | 16 & 16 | 22 / 22 | 7,762 (8,009) |
| 710182 (710183) | 14kW R32 3Ph Mono ASHP Zbdn & 300L Versatile Std Cylinder Pkg | 2058 x 550 x 651 | 16 & 16 | 22 / 22 | 7,935 (8,182) |

| 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 | | ● | | | |
| | Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor | ● | | ● | ● | ● |

*1 ENA database reference: HP_0613.  *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.

# Energy Monitoring Pack

## EMP1, EMP2, EMP3 & EMPH

Ecodan Flow Temperature Control (FTC6 & FTC7) systems come with built in energy monitoring as standard. System users are able to measure both consumed electrical energy and produced heat energy to the nearest kWh.

## Key Features

- MID approved electric meters
- User display of consumed / produced energy
- MELCloud integration

| Ref Code | Model Name | Description | Price (£) |
|----------|-----------|-------------|-----------|
| EMPSTD | EMP1 | Standard Pre-Installed Monitoring | - |
| 283362 | EMP2 | All Model 1 Pulse/Wh Monitoring +2 Electric Meters | 96 |
| 283361 | EMP3-M-1Ph | Mono 1Ph 1 Pulse/Wh Monitoring +2 Elec Meter +1 Heat Meter + Wi-Fi +1Y Data | 788 |
| 410120 | EMPH-M-1Ph Hybrid Mono 1Ph | 1 Pulse/kWh Monitoring +1 Heat Meter & Wi-Fi +1Y Data | 625 |

| Description | Electric Meter | Heat Meter | Data Storage |
|-------------|----------------|------------|--------------|
| **EMP1 (EMPSTD)**<br>Energy Input & Output Estimation<br>Included as Standard | - | - | - |
| **EMP2 (283362)**<br>Electrical Energy Measurement Consumption Pack | **2 x ACC-EM-EML-1PH**<br>System Electricity Meter<br>(405043) | - | - |
| **EMP3-M-1Ph (283361)**<br>MMSP Compliant Electrical Energy Consumption<br>and Heat Generation Pack with Cloud Data Storage | **2 x ACC-EM-EML-1PH**<br>System Electricity Meter<br>(405043) | **1 x ACC-HM-449-G25**<br>Glycol Mono System<br>Heat Meter (411697) | **ACC-RES-DSV-1Y**<br>(283417) |
| **EMPH-M-1Ph (410120)**<br>Electrical Energy Consumption and<br>Heat Generation Pack for Hybrid Systems | **2 x ACC-EM-EML-1PH**<br>System Electricity Meter<br>(405043) | **1 x ACC-HM-749-G25**<br>Glycol Mono Hybrid System<br>Heat Meter (281426) | **ACC-RES-DSV-1Y**<br>(283417) |

*Note that the interface is included as standard within Ecodan system packages. Please contact your local sales office for guidance.

# Controls

The FTC6 & FTC7 Flow Temperature Controllers are designed specifically by Mitsubishi Electric to integrate with the Ecodan PUZ-WM & PUZ-WZ monobloc air source heat pump range and a third party cylinder.

The FTC2BR has been developed to allow the Ecodan PUZ-WM range to interface with third party or BEMS (Building Energy Management System) controls.
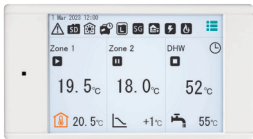
| Key Features | FTC6 | FTC7 | FTC2BR |
|---|---|---|---|
| Initial Setting Wizard | ● | ● | |
| Commissioning Aide | ● | ● | |
| Smart Grid Ready | ● | ● | |
| PV Connection | ● | ● | |
| Energy Monitoring | ● | ● | |
| Dual Set-Point DHW | ● | ● | |
| Flow Rate Control Logic | | ● | |
| Quiet-Mode | ● | ● | |
| Cascade[*1] | ● | ● | |
| Hybrid | ● | ● | |
| BEMS Interface | | | ● |

*1 Requires Optional part(s) PAC-IF072B-E or PAC-IF082B-E. Please contact your regional sales office technical team.

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 498007 | PAC-IF072B-E | FTC6 Master Controller for 3rd Party Indoor Units | 690 |
| 681713 | PAC-IF082B-E | FTC7 Master Controller for 3rd Party Indoor Units | 745 |
| 497952 | PAC-IF033B-E | FTC2BR Input/Output Kit for BEMS Interface | 522 |

# Fan Assisted Radiators

## i-LIFE2 Slim

The i-Life2 Slim Fan Assisted Radiator designed to work seamlessly with existing heating or renewable technologies



### Key Features

- Stylish - Being only 13cm deep, the sleek and elegant satin-white, wall mounted cabinet is designed to blend seamlessly into any setting

- Flexible - Packed with advanced controls and functions, the i-Life2 Slim will work with traditional heating or renewable systems such as heat pumps

- Easy to Use - Airflow is managed by deflectors at the top of the unit, which open and close automatically ensuring fast even heat distribution

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 333560 | i-LIFE2 SLIM DLMV 080 ATS2 | 0.9kW i-LIFE2 SLIM-080 1Ph Vertical Cased Fan Assisted Radiator | 414 |
| 333563 | i-LIFE2 SLIM DLMV 170 ATS2 | 2.1kW i-LIFE2 SLIM-170 1Ph Vertical Cased Fan Assisted Radiator | 468 |

# System Components

## Outdoor Unit

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 676732 | PUZ-WZ50VAA | 5kW R290 1Ph Monobloc ASHP Outdoor Unit Std | 2,427 |
| 682515 | PUZ-WZ50VAA-BS | 5kW R290 1Ph Monobloc ASHP Outdoor Unit Coastal | 2,551 |
| 676733 | PUZ-WZ60VAA | 6kW R290 1Ph Monobloc ASHP Outdoor Unit Std | 2,650 |
| 682516 | PUZ-WZ60VAA-BS | 6kW R290 1Ph Monobloc ASHP Outdoor Unit Coastal | 2,780 |
| 676734 | PUZ-WZ80VAA | 8kW R290 1Ph Monobloc ASHP Outdoor Unit Std | 3,150 |
| 682975 | PUZ-WZ80VAA-BS | 8kW R290 1Ph Monobloc ASHP Outdoor Unit Coastal | 3,298 |
| 497740 | PUZ-WM50VHA | 5kW R32 1Ph Mono ASHP Outdoor Unit Std | 1,953 |
| 497741 | PUZ-WM50VHA-BS | 5kW R32 1Ph Mono ASHP Outdoor Unit Coastal | 2,051 |
| 497782 | PUZ-WM60VAA | 6kW R32 1Ph Mono ASHP Outdoor Unit UQ | 2,519 |
| 497784 | PUZ-WM60VAA-BS | 6kW R32 1Ph Mono ASHP Outdoor Unit UQ Coastal | 2,642 |
| 497785 | PUZ-WM85VAA | 8.5kW R32 1Ph Mono ASHP Outdoor Unit UQ | 2,905 |
| 497786 | PUZ-WM85VAA-BS | 8.5kW R32 1Ph Mono ASHP Outdoor Unit UQ Coastal | 4,049 |
| 497787 | PUZ-WM85YAA | 8.5kW R32 3Ph Mono ASHP Outdoor Unit UQ | 3,136 |
| 497788 | PUZ-WM85YAA-BS | 8.5kW R32 3Ph Mono ASHP Outdoor Unit UQ Coastal | 3,291 |
| 497789 | PUZ-WM112VAA | 11.2kW R32 1Ph Mono ASHP Outdoor Unit UQ | 3,476 |
| 497790 | PUZ-WM112VAA-BS | 11.2kW R32 1Ph Mono ASHP Outdoor Unit UQ Coastal | 3,650 |
| 497792 | PUZ-WM112YAA | 11.2kW R32 3Ph Mono ASHP Outdoor Unit UQ | 3,754 |
| 497793 | PUZ-WM112YAA-BS | 11.2kW R32 3Ph Mono ASHP Outdoor Unit UQ Coastal | 3,944 |
| 499270 | PUZ-HWM140VHA | 14kW R32 1Ph Mono ASHP Outdoor Unit Zbdn | 4,655 |
| 499271 | PUZ-HWM140VHA-BS | 14kW R32 1Ph Mono ASHP Outdoor Unit Coastal Zbdn | 4,885 |
| 499282 | PUZ-HWM140YHA | 14kW R32 3Ph Mono ASHP Outdoor Unit Zbdn | 4,925 |
| 499283 | PUZ-HWM140YHA-BS | 14kW R32 3Ph Mono ASHP Outdoor Unit Coastal Zbdn | 5,172 |

## Indoor Unit

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| Standalone | | | |
| 681713 | PAC-IF082B-E | FTC7 Master Controller for 3rd Party Indoor Units | 745 |
| 498007 | PAC-IF072B-E | FTC6 Master Controller for 3rd Party Indoor Units | 690 |
| 497952 | PAC-IF033B-E | FTC2BR Input/Output Kit for BEMS Interface | 522 |
| FTC7 Packaged Cylinder | | | |
| 680128 | EHPT20X-MEHEW | 200L 1Ph Mono Packaged Cylinder Standard +3kW Immersion | 3,151 |
| Slimline Pre-Plumbed Cylinder | | | |
| 607774 | EHPT15X-UKHLDW1S | 150L R32 1Ph Mono Pre-Plumbed Cylinder Small Slimline Wi-Fi | 2,963 |
| 607775 | EHPT17X-UKHLDW1S | 170L R32 1Ph Mono Pre-Plumbed Cylinder Small Slimline Wi-Fi | 3,036 |
| Standard Pre-Plumbed Cylinder | | | |
| 607776 | EHPT15X-UKHDW1S | 150L R32 1Ph Mono Pre-Plumbed Cylinder Small Standard Wi-Fi | 2,849 |
| 607778 | EHPT17X-UKHDW1S | 170L R32 1Ph Mono Pre-Plumbed Cylinder Small Standard Wi-Fi | 2,919 |
| 607779 | EHPT21X-UKHDW1S | 210L R32 1Ph Mono Pre-Plumbed Cylinder Small Standard Wi-Fi | 2,989 |
| 607780 | EHPT21X-UKHDW1L | 210L R32 1Ph Mono Pre-Plumbed Cylinder Large Standard Wi-Fi | 2,989 |
| 607781 | EHPT25X-UKHDW1L | 250L R32 1Ph Mono Pre-Plumbed Cylinder Large Standard Wi-Fi | 3,130 |
| 607782 | EHPT30X-UKHDW1L | 300L R32 1Ph Mono Pre-Plumbed Cylinder Large Standard Wi-Fi | 3,343 |
| Slimline Versatile Cylinder | | | |
| 678153 | EHPT18X-UKHLDWB | 180L R32 1Ph Mono Versatile Cylinder Slimline Wi-Fi | 2,486 |
| 678154 | EHPT21X-UKHLDWB | 210L R32 1Ph Mono Versatile Cylinder Slimline Wi-Fi | 2,545 |
| Standard Versatile Cylinder | | | |
| 678157 | EHPT21X-UKHDWB | 210L R32 1Ph Mono Versatile Cylinder Standard Wi-Fi | 2,447 |
| 678158 | EHPT25X-UKHDWB | 250L R32 1Ph Mono Versatile Cylinder Standard Wi-Fi | 2,563 |
| 678159 | EHPT30X-UKHDWB | 300L R32 1Ph Mono Versatile Cylinder Standard Wi-Fi | 2,736 |

## Electrical

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 486211 | PAC-TH011TK2-E | FTC6 Third Party Cylinder DHW Temp Sensor 5m Cable | 26 |
| 496901 | PAC-FS01-E | FTC6 Third Party Indoor Unit Flow Sensor | 109 |
| 602764 | MAC-587IF-EH | MELCloud Wi-Fi Interface 2m Cable | 89 |

## Mechanical

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 408128 | ACC-FCP-S22 | Insulated Flexible Connection Pipes (22mm x 500mm) Standard Pair | 68 |
| 277208 | ACC-FCP-S28 | Insulated Flexible Connection Pipes (28mm x 500mm) Standard Pair | 68 |
| 499438 | PAC-WK02UK-E | FTC6 G3 Compliance Kit | 189 |
| 699741 | ACC-FI-HP22 | FTC Particle Filter 22mm < 8.0kW | 88 |
| 699825 | ACC-FI-HP28 | FTC Particle Filter 28mm ≥ 8.0kW | 97 |

# Accessories

## Controller

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 678210 | PAR-WT60R-E | FTC Wireless Controller Transmitter | 81 |
| 678211 | PAR-WR61R-E | FTC Wireless Controller Receiver 2m Cable | 60 |
| 699223 | ACC-BEMS-A1MR5 | FTC Modbus CN105 Interface | 127 |

# Accessories

## Electrical

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 408147 | ACC-ISO-020 | Isolator 20A IP65 | 24 |
| 408148 | ACC-ISO-032 | Isolator 32A IP65 | 24 |
| 415114 | ACC-ISO-040 | Isolator 40A IP65 | 28 |
| 486294 | PAC-TH012HT-E | FTC6 High Temperature Sensor 5m Cable | 38 |
| 486296 | PAC-TH012HTL-E | FTC6 High Temperature Sensor 30m Cable | 107 |
| 258695 | PAC-TH011-E | FTC6 Flow and Return Temperature Sensors 5m Cable | 35 |
| 486211 | PAC-TH011TK2-E | FTC6 Third Party Cylinder DHW Temp Sensor 5m Cable | 26 |
| 486293 | PAC-TH011TKL2-E | FTC6 Third Party Cylinder DHW Temp Sensor 30m Cable | 66 |
| 584365 | PAC-SK52ST | FTC Service Diagnostic Tool | 51 |
| 405043 | ACC-EM-EML-1PH2 | EMLITE ECA2v 1Ph System Electricity Meter | 48 |

## Mechanical

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 265072 | ACC-AVM-001 | Ecodan Anti-Vibration Fix-It-Foot 600mm Kit | 44 |
| 408127 | ACC-AVS-001 | Ecodan Reinforced Lightweight Slab + Anti-Vibration Fix-It-Foot Kit | 164 |
| 254615 | PAC-SH71DS-E | Compatible Drain Socket Kit | 23 |
| 624039 | ACC-AFZ-010A | Anti Freeze 10L | 121 |
| 624040 | ACC-AFZ-020A | Anti Freeze 20L | 234 |
| 281426 | ACC-HM-749-G25 | SONTEX 749 25% Glycol Mono Hybrid System Heat Meter | 401 |
| 411697 | ACC-HM-449-G25 | SONTEX 449 25% Glycol Mono System Heat Meter | 564 |
| 408177 | ACC-FCP-TW1 | Insulated Through Wall Sleeve Kit (85mm) | 44 |
| 408130 | ACC-TRU-LE1 | External Pipework Trunking Length (1m x 140mm Black x2) | 64 |
| 408131 | ACC-TRU-LE2 | External Pipework Trunking Length (2m x 140mm Black x1) | 64 |
| 408142 | ACC-TRU-JO1 | External Pipework Trunking Length Connector (140mm Black) | 14 |
| 408143 | ACC-TRU-CO1 | External Pipework Trunking Wall Cover (140mm Black) | 24 |
| 408144 | ACC-TRU-EL1 | External Pipework Trunking Elbow (140mm Black) | 24 |
| 408145 | ACC-TRU-EC1 | External Pipework Trunking External Corner (140mm Black) | 43 |
| 408146 | ACC-TRU-IC1 | External Pipework Trunking Internal Corner (140mm Black) | 43 |
| 283364 | ACC-2ZP-K01 | Pack for 2 Zone Systems with Equal Temperatures | 217 |
| 283363 | ACC-2ZP-K02 | Pack for 2 Zone Systems with Different Temperatures | 656 |
| 217205 | ACC-FBV-40L | Flow Balancing Valve | 67 |
| 408129 | ACC-FCP-E28 | Insulated Flexible Connection Pipes (28mm x 300mm) Elbow Pair | 95 |
| 408128 | ACC-FCP-S22 | Insulated Flexible Connection Pipes (22mm x 500mm) Standard Pair | 68 |
| 277208 | ACC-FCP-S28 | Insulated Flexible Connection Pipes (28mm x 500mm) Standard Pair | 68 |
| 699741 | ACC-FI-HP22 | FTC Particle Filter 22mm < 8.0kW | 88 |
| 699825 | ACC-FI-HP28 | FTC Particle Filter 28mm ≥ 8.0kW | 97 |

## Display Units

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| 700541 | PUZ-WZ50VAA-DU | 5 ATW Display Unit AA Packaged (without R290) | 1,300 |
| 700572 | PUZ-WZ80VAA-DU | 8 ATW Display Unit AA Packaged (without R290) | 1,795 |
| 339376 | DIS-ODU-MVAA01 | ATW Display Unit AA Packaged (Shell Only) | 355 |

# Warranty Extension

| Ref Code | Description | Price (£)*1 |
|---|---|---|
| 283602 | Residential Ecodan 2 Year Extended Warranty* | 250 |

* Only accessible to Accredited Installers.

*1 Subject to manufacturers installation requirements and standards. Maximum 7 Years Product Warranty. For installers only, call 0161 866 6089 (Option 3) or scan the QR Code or send an e-mail to leswarranty@meuk.mee.com.

Register your Ecodan to benefit from an extended homeowner guarantee. For End Users, call 0161 866 6064 between 8am and 5pm Monday to Friday (excluding English public holidays) or scan the QR Code or apply online on: les.mitsubishielectric.co.uk/homeowners/register-ecodan-guarantee

# Services

## Delivery Options

| Description | Price (£)*1 |
|---|---|
| **Palletised Delivery Options** | |
| Delivery Next Day*3 | FOC*2 |
| Delivery Weekday - AM*4 | 35 |
| Delivery Weekday - PM*5 | 35 |
| Delivery Weekday - Timed*2 | 200 |
| Delivery Weekend | POA |
| **Parcel Delivery Options** | |
| Delivery Next Day*6 | FOC |
| Delivery Weekday - Pre-10am | 25 |
| Delivery Weekday - AM*4 | 20 |
| Delivery Saturday - AM*4 | 25 |
| **Special Vehicles*2** (HIAB, Flatbed, FORS, Specific Sized Vehicles) | |
| Delivery Weekday*2 | POA |
| Delivery Weekend | POA |

*1 Not subject to discount. *2 Subject to available courier timeslot. *3 Palletised Next Day: 0800hrs to 1730hrs. *4 AM: 0800hrs to 1230hrs. *5 PM: 12:00hrs to 1730hrs. *6 Parcel Next Day: 0700hrs to 1900hrs.

## Service Packages

| Ref Code | Description | Price (£)*1 |
|---|---|---|
| 700898 | One Off Repair | 64 |
| 700901 | Hourly Charge | 65 |
| 700903 | Heat Pump Service Only - Annual Fee | 216 |
| 700904 | Yearly System Service - Annual Fee | 299 |
| 700905 | 3 Diamond Cover - Annual Fee | 456 |
| 687933 | Commissioning Site Visit | 525 |
| 687933 | Assisted Commission | 525 |

*1 Includes VAT, price not subject to discount. Subject to manufacturers installation requirements and standards. For homeowners only, call 0161 866 6064 to subscribe to a service package or scan the QR Code or visit **ecodan.co.uk** and select subject: "Heating Service & Maintenance".

## Training Courses

| Ref Code | Description | Price (£)*1 |
|---|---|---|
| 211232 | Residential HP Part 1 Training - Design & Application | 50 |
| 211234 | Residential HP Part 2 Training - Installation & Commissioning | 50 |
| 241876 | Residential HP Part 3 Training - Service & Fault Finding | 50 |
| 607904 | Residential HP Part 4 Training - Upskill to Ecodan | 50 |
| 612076 | Residential HP Part 5 Training - Ecodan Hands On | 100 |
| - | Residential Lossnay Ventilation Training | 50 |

*1 For Installers only. Scan the QR Code or visit our website and select Heating Category.
**les.mitsubishielectric.co.uk/installers/installer-training**

## On Site Engineer Assistance

| Ref Code | Description | Price (£)*1 |
|---|---|---|
| **Engineer Assistance** | | |
| - | Residential ASHP First On-Site Engineer Assistance | POA |
| 687933 | Residential ASHP 1 Day On-Site Engineer Assistance | 585 |

*1 Subject to manufacturers installation requirements and standards. Scan the QR Code or visit
**les.mitsubishielectric.co.uk/installers/site-services/book-site-services**

# Ventilation

## VL-250/350/500CZPVU-R/L-E



## Solution Key Features

- Ultra quiet noise levels
- Optional particulate matter filter and NOx filtration
- Full summer bypass function
- Digital controller included for ease of commissioning and use
- Automated boost via live switch or volt free contact
- Cloud control
- MELCloud Wi-Fi connectivity available

## Key Technical Features
### (250-350-500)

- Airflow (l/s): 69-88-138
- Weight (kg): 26-32-39
- Dimensions HxWxD (mm): 565 x 595 x 386 - 623 x 658 x 462 - 632 x 725 x 586
- Duct Size (mm): 125 - 150 - 160/180

| WHOLE HOUSE | | | |
|---|---|---|---|
| **Ref Code** | **Model Name** | **Description** | **Price (£)** |
| Main Unit | Left Fresh Air Intake | | |
| 690011 | VL-250CZPVU-L-E | 69L/s Vertical MVHR Unit - Left Fresh Air Intake | 1,486 |
| 690063 | VL-350CZPVU-L-E | 88L/s Vertical MVHR Unit - Left Fresh Air Intake | 1,785 |
| 690065 | VL-500CZPVU-L-E | 138L/s Vertical MVHR Unit - Left Fresh Air Intake | 2,682 |
| Main Unit | Right Fresh Air Intake | | |
| 690062 | VL-250CZPVU-R-E | 69L/s Vertical MVHR Unit - Right Fresh Air Intake | 1,486 |
| 690064 | VL-350CZPVU-R-E | 88L/s Vertical MVHR Unit - Right Fresh Air Intake | 1,785 |
| 690066 | VL-500CZPVU-R-E | 138L/s Vertical MVHR Unit - Right Fresh Air Intake | 2,682 |

| ACCESSORIES | | | |
|---|---|---|---|
| **Ref Code** | **Model Name** | **Description** | **Price (£)** |
| 690067 | P-250F-E | Replacement Coarse 55% / G3 filter for VL-250CZPVU-E | 42 |
| 690068 | P-350F-E | Replacement Coarse 55% / G3 filter for VL-350CZPVU-E | 54 |
| 690069 | P-500F-E | Replacement Coarse 55% / G3 filter for VL-500CZPVU-E | 64 |
| 690070 | P-250PF-E | ePM$_{2.5}$ 50% / M6 filter for VL-250CZPVU-E | 125 |
| 690071 | P-350PF-E | ePM$_{2.5}$ 50% / M6 filter for VL-350CZPVU-E | 136 |
| 690082 | P-500PF-E | ePM$_{2.5}$ 50% / M6 filter for VL-500CZPVU-E | 141 |
| 690086 | P-250NF-E | NOx 90% supply air filter for VL-250CZPVU-E | 142 |
| 690087 | P-350NF-E | NOx 90% supply air filter for VL-350CZPVU-E | 152 |
| 690088 | P-500NF-E | NOx 90% supply air filter for VL-500CZPVU-E | 158 |
| 690089 | P-250SB-E | Acoustic top box for VL-250CZPVU-E | 923 |
| 690090 | P-350SB-E | Acoustic top box for VL-350CZPVU-E | 1,166 |
| 688691 | P-500SB-E | Acoustic top box for VL-500CZPVU-E | 1,541 |
| 580862 | P-RCC-E | Remote controller cover and 1m cable with noise filter for VL-CZPVU-E | 12 |

# VL-100EU$_5$-E

## Solution Key Features

- Effective single room ventilation
- Total heat recovery (sensible and latent)
- Simple wall mounted installation
- Low power consumption
- Optional extension pipe kit and joint available

## Key Technical Features

- Airflow (l/s): 17-29
- Sound Levels (dB(A)): 27-38
- Weight (kg): 7.5
- Up to 79% temperature efficiency
- Dimensions HxWxD (mm): 265 x 620 x 200

| SINGLE ROOM | | | |
|---|---|---|---|
| Ref Code | Model Name | Description | Price (£) |
| Main Unit | | | |
| 267003 | VL-100EU$_5$-E | VL-100EU$_5$-E Lossnay | 263 |

| ACCESSORIES | | | |
|---|---|---|---|
| Ref Code | Model Name | Description | Price (£) |
| 265146 | P-100HF$_5$-E | ePM$_{10}$ 70% / M6 filter for VL-100EU$_5$-E | 64 |
| 189222 | P-100P-E | Extension pipe for VL-100EU$_5$-E | 28 |
| 189223 | P-100PJ-E | Extension pipe joint for VL-100EU$_5$-E | 28 |

# Commercial

## Ecodan Hydrodan
## EHWT17D-MHEDW

### Solution Key Features

- Low running costs for owners
- Low environmental impact
- Simple pressure balancing and flow control
- No disturbance for owners
- Modular design for easy servicing
- Can be concealed in a maintenance cupboard

### Key Technical Features

- Highly efficient heating and hot water production
- Low quantity of lower GWP R32 refrigerant
- PIC valve network control
- Ultra-low noise output
- Removable heat pump module

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| Water Source | | | |
| - | EHWT17D-MHEDW | 170L R32 3Ph Mono WSHP Indoor Unit Std With Magnetic filter, G3 Compliance Kit, PICV, Bypass Valve and Strainer | 8,031 |

## Ecodan
## CAHV-R450YA-HPB

### Solution Key Features

- Low GWP R454C refrigerant and reduced embodied carbon helps achieve CSR targets
- Water flow temperatures from 24ºC to 70ºC without boost heaters results in cost and energy savings
- Advanced heat exchange design combined with the properties of R454C refrigerant enables a shorter defrost time
- Low frequency compressor control improves energy efficiency and product operation

### Key Technical Features

- Single module capacity of 7.8 - 640kW
- Flow temperatures from 24ºC - 70ºC
- Operation down to -25ºC
- Achieves 70ºC outlet temperature down to -20ºC ambient temperature

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| Air Source | | | |
| - | CAHV-R450YA-HPB | 40kW R454C 3Ph Mono ASHP Outdoor Unit Std | 22,012*1 |
| Accessories | | | |
| 252886 | TW-TH16-E | Main Pipework Thermistor | 438 |
| 306867 | KS10-EP100S | Differential Pressure Switch For Water Systems | 277 |
| 307006 | PAR-W31MAA | Wired Remote Controller | 167 |
| 276612 | AE-C400E | Centralised Controller | 2,700 |
| 284558 | PAC-YG92TB-J | AE-C400E Wall Mounted Box - for wall mounting | POA |

*1 Price includes differential pressure switch and a Y type strainer.

# Ecodan
# QAHV-N560YA-HPB

## Solution Key Features

- Specifically designed for commercial sanitary hot water
- Highly efficient at high flow temperatures
- Utilises $CO_2$ refrigerant with a GWP of 1
- Includes a unique twisted and spiral gas cooler to enhance energy efficiency
- Super low noise levels
- Able to utilise with an indirect system

## Key Technical Features

- Single module capacity of 40kW - 640kW
- Flow temperatures from 55ºC - 90ºC
- Full heating capacity down to -3ºC outdoor temperature
- Operation down to -25ºC

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| Air Source | | | |
| - | QAHV-N560YA-HPB | 40kW R744 3Ph Mono ASHP Outdoor Unit Std inc. PAR Controller | 28,067[1] |
| Accessories | | | |
| 252886 | TW-TH16 | Main Pipework Thermistor | 438 |
| 276612 | AE-C400E | Centralised Controller | 2,700 |
| 284558 | PAC-YK92TB-J | AE-C400E Wall Mounted Box - for Wall Mounting | POA |
| 574476 | Q-1SCK | Secondary Side Control Circuit Kit | 607 |

*1 Price includes PAR-W31MAA controller.

# Ecodan
# CRHV-P600YA-HPB

## Solution Key Features

- Ground or water source
- Multiple unit cascade control
- Split refrigerant circuits to provide 50% back up
- Ability to rotate units based on accumulated run hours
- Low maintenance, hermetically-sealed monobloc design
- Low on-site refrigerant volume

## Key Technical Features

- Single module capacity of up to 960kW
- Flow temperatures from 30ºC - 65ºC
- Sound pressure level of 50 dB(A) at 1m

| Ref Code | Model Name | Description | Price (£) |
|---|---|---|---|
| Ground or Water Source | | | |
| - | CRHV-P600YA-HPB | 60kW R410A 3Ph Mono GSHP Indoor Unit Std | 21,480[1] |
| Accessories | | | |
| 252886 | TW-TH16 | Main Pipework Thermistor | 438 |
| 306867 | KS10-EP100S | Differential Pressure Switch For Water Systems | 277 |
| 217248 | PAR-W21MAA-J | Wired Remote Controller | 174 |
| 276612 | AE-C400E | Centralised Controller | 2,700 |
| 284558 | PAC-YG92TB-J | AE-C400E Wall Mounted Box - for wall mounting | POA |
| - | TMP-O | External Temperature Sensor and Solar Guard | 62 |

*1 Price includes two Y type strainers.

# How to contact us

Should you have any question regarding our products and services, please find below a summary sheet of how to contact us.

## Pre-Sales

An Ecodan & Lossnay design service for our partners.

☎ **01707 278 666** (Option 3)

✉ **ecodan.technical@meuk.mee.com**

## Sales Team

A regional sales service that covers the whole of the UK mainland are available on the following numbers:

☎ London North & South East: **01707 282499**
London North & South West: **01707 282489**
South West, Wales & Midlands: **01707 278022**
Midlands: **01707 278730**
North East: **01707 278566**
North West: **01707 278023**
Scotland: **01707 282487**

✉ **MEU-UKLES121Heating@meg.mee.com**

## Operations Team

We have dedicated resources supporting you managing your orders. Please contact the relevant team using the following details:

Direct Customers:

☎ **01707 278 555**

✉ **lesheating.admin@meuk.mee.com**

Merchants & Distribution:

☎ **01707 282 855**

✉ **lesmerchantadmin@meuk.mee.com**

## After Sales

A dedicated in-house after sales service for heating professionals.

**0161 866 6089**

**Option 1:** Homeowner

**Option 2:** Support for Air Conditioner, Ventilation, Commercial Heating, Modular Chillers

**Option 3:** Residential Ecodan installer or service provider

**lestechhelpdesk@meuk.mee.com**

## Learning Center

Whether you are trained on ecodan product and wish to be kept informed on our latest products or are a new installer wishing to learn about our range, we have the right training for you.

**lestechtraining@meuk.mee.com**

## Partner Programme

Should you have any interest in becoming a partner and benefiting from our unique range of services, please do not hesitate to contact us.

**01707 288 757**

**partner@meuk.mee.com**

MITSUBISHI ELECTRIC UK
**TRAINING ACADEMY**

**P**ARTNER
Programme

## MITSUBISHI ELECTRIC
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Residential Heating & Ventilation Telephone: **01707 278666**

Pre-Sales: **01707 278 666** (Option 3)

Customer Services & Support: **0161 866 6089**

**Option 1** - Homeowner
**Option 2** - Support for Air Conditioner, Ventilation, Commercial Heating, Modular Chillers
**Option 3** - Residential Ecodan installer or service provider

email: heating@meuk.mee.com
website: ecodan.co.uk

**UNITED KINGDOM Mitsubishi Electric Europe** Living Environment Systems Division
Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England
General Enquiries Telephone: 01707 282880

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