MITSUBISHI ELECTRIC

ecodan®

Residential Heating Price List 2023
ISSUE 2

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.

" 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. "

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 4kW 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

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

	QUHZ-W40VA	PUZ-WZ50VAA	PUZ-WM50VHA

System Type			Litres	4kW	5kW	5kW
Standalone		PAC-IF072B-E				●
		PAC-IF082B-E			●	
Thermal Store		EHPT20Q-VM2EA	200	●		
FTC6 Packaged Cylinder		EHPT20X-MHEDW	200			●
FTC7 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

QUHZ-W40VA   PUZ-WZ50VAA   PUZ-WM50VHA

System Type			Litres	4kW	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			●	●
	MCS CERTIFIED	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
	●		●	●	●			
	●		●	●	●			
	●		●	●	●			
	●		●	●	●			
			●	●	●			
							●	●
●	●	●	●	●				
●	●	●	●	●				
								●
●	●	●	●	●	●	●		
●	●	●	●	●	●			●

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.

Distance from sea

| | 0m | 300m | 500m | 1km |

Unobstructed Ecodan	Facing inland	BS		STD	
	Facing sea	BS			
Obstructed Ecodan	Facing inland	BS		STD	
	Facing sea	BS			

= Obstructions (e.g. houses)   BS = Coastal Protection Ecodan Models   STD = Standard Ecodan Models
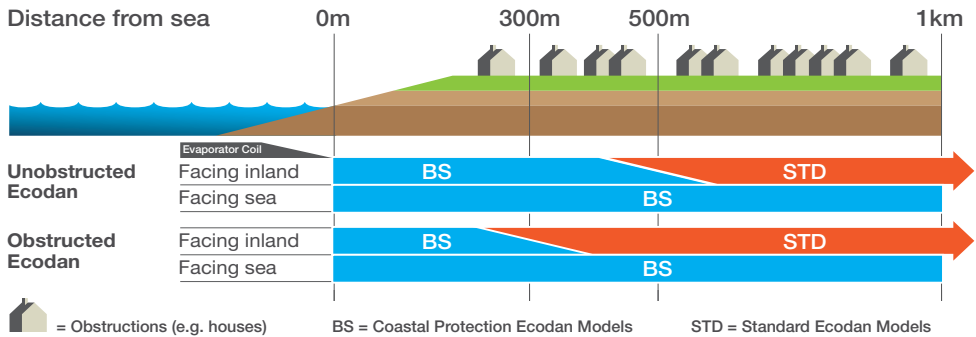
Note: 1. If possible avoid siting the Ecodan in direct exposure to sea spray. 2. Ensure rain water is able to fall onto the Ecodan and avoid placement directly under building eaves 3. Ensure horizontal installation for good drainage. 4. Regular inspections and washing of unit with fresh water is recommended. 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**

Room temperature
19 °C

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 R744 4kW Monobloc Air Source Heat Pump with Thermal Store

QUHZ-W40VA / EHPT20Q-VM2EA

The Ecodan QUHZ system combines a 4kW outdoor unit with a 200 litre Thermal Store and is the ideal plug and play heating and hot water solution for properties with a low space heating requirement.

With very low market leading noise levels for its class and highly efficient hot water generation due to its unique CO_2 (R744) system design, this compact space saving product is capable of providing instantaneous hot water and removes the risk of legionella.

Solution Key Features

- Self contained system, only requires water connections and can be powered via the Thermal Store
- No need for gas supply, flues or ventilation
- Low maintenance and very quiet operation
- Operates with outside temperatures as low as -15ºC
- Simple grid connection as classified as Connect and Notify[1]
- Capable of being used in domestic hot water generation mode only
- MELCloud Wi-Fi connectivity and energy monitoring as standard
- Optimised low ambient defrost control and operation

Outdoor Unit Key Technical Features

- **Dimensions** HxWxD (mm): 715 x 809 x 300[2]
- Sound Pressure Level at 1m: 43 dBA
- ErP: A+ (55ºC)
- Powered via Indoor Unit (20A breaker)
- Recommended pipe size: 15mm
- Nominal flow rate: 6L/min

SYSTEM PRICE		INDOOR UNIT			
Ref Code	Description	Dimensions (H x W x D)	Breaker (A)[3]	Pipe Size (mm)[4]	Price (£)
293998	4kW R744 1PH Mono ASHP Low GWP & 200L Thermal Store Cylinder Pkg	1600 x 595 x 680	20	22	4,781

INCLUDED COMPONENTS		
Type	Description	Thermal Store
Electrical	Wi-Fi Ready System Controller	●
	Wi-Fi Interface	●
	Thermal Store Upper & Lower Water Temperature Thermistor	●
	Flow & Return Water Temperature Thermistor	●
	Flow Water Temperature Thermistor	●
	DHW Supply Temperature Thermistor	●
Mechanical	Magnetic Filter	●
	Insulated Flexible Connection Pipes	●
	Flow Sensor (x3)	●
	Heating Circulating Pump	●
	Thermal Store Circulating Pump	●
	3-Way Motorised Diverter Valve	●
	Primary Expansion Vessel	●
	DHW Plate Heat Exchanger	●
	Primary System Pressure Gauge	●
	Filling Loop	●
	Automatic Air-Vent	●
	Drain Valve	●
	Strainer Valve	●
	Primary Pressure Relief Valve	●
	Tundish	●

*1 ENA database reference: HP_606. *2 exc. grille or pipe cover. *3 Recommended breaker rating for indoor unit. *4 Indoor unit flow & return pipe size.

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 75ºC
- 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: 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)	●	
	Magnetic 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)	●	
	Magnetic 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 75ºC
- 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)		●	
	Magnetic 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					
499285 (499286)	5kW R32 1Ph Mono ASHP Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	**2,926 (3,020)**
499686 (499687)	5kW R32 1Ph Mono ASHP Std and FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	**2,650 (2,744)**
Packaged					
499287 (499463)	5kW R32 1Ph Mono ASHP Std and 200L Packaged Cylinder Pkg	1600x 595 x 680	10 & 16	28 / 22	**5,327 (5,421)**
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	**4,901 (4,995)**
613569 (613570)	5kW R32 1Ph Mono ASHP Std & 170L Pre-Plumbed Small Slimline Cylinder Pkg	1690 x 676 x 654	16 & 16	22 / 22	**4,974 (5,068)**
613571 (613572)	5kW R32 1Ph Mono ASHP Std & 150L Pre-Plumbed Small Std Cylinder Pkg	1131 x 730 x 756	16 & 16	22 / 22	**4,787 (4,881)**
613573 (613574)	5kW R32 1Ph Mono ASHP Std & 170L Pre-Plumbed Small Std Cylinder Pkg	1257 x 730 x 756	16 & 16	22 / 22	**4,857 (4,951)**
613575 (613576)	5kW R32 1Ph Mono ASHP Std & 210L Pre-Plumbed Small Std Cylinder Pkg	1509 x 730 x 756	16 & 16	22 / 22	**4,927 (5,021)**
Versatile					
685353 (685582)	5kW R32 1Ph Mono ASHP Std & 180L Versatile Slimline Cylinder Pkg	1712 x 475+0.2*6 x 569.5	16 & 16	22 / 22	**4,538 (4,632)**
685583 (685584)	5kW R32 1Ph Mono ASHP Std & 210L Versatile Slimline Cylinder Pkg	2025 x 475+0.2*6 x 569.5	16 & 16	22 / 22	**4,595 (4,689)**
685585 (685586)	5kW R32 1Ph Mono ASHP Std & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	**4,501 (4,595)**

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_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.

Heating | **Price List**

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					
499688 (499689)	6kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	3,470 (3,589)
499724 (499725)	6kW R32 1Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	3,194 (3,313)
Packaged					
499690 (499691)	6kW R32 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	5,871 (5,990)
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	5,445 (5,564)
613579 (613580)	6kW R32 1Ph Mono ASHP UQ & 170L Pre-Plumbed Small Slimline Cylinder Pkg	1690 x 676 x 654	16 & 16	22 / 22	5,518 (5,637)
613581 (613582)	6kW R32 1Ph Mono ASHP UQ & 150L Pre-Plumbed Small Std Cylinder Pkg	1131 x 730 x 756	16 & 16	22 / 22	5,331 (5,450)
613583 (613584)	6kW R32 1Ph Mono ASHP UQ & 170L Pre-Plumbed Small Std Cylinder Pkg	1257 x 730 x 756	16 & 16	22 / 22	5,401 (5,520)
613585 (613586)	6kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Small Std Cylinder Pkg	1509 x7 30 x 756	16 & 16	22 / 22	5,471 (5,590)
613587 (613588)	6kW R32 1Ph Mono ASHP UQ & 210L Pre-Plumbed Large Std Cylinder Pkg	1509 x 748 x 755	16 & 16	28 / 22	5,471 (5,590)
613589 (613590)	6kW R32 1Ph Mono ASHP UQ & 250L Pre-Plumbed Large Std Cylinder Pkg	1761 x 748 x 755	16 & 16	28 / 22	5,612 (5,731)
Versatile					
685587 (685588)	6kW R32 1Ph Mono ASHP UQ & 180L Versatile Slimline Cylinder Pkg	1712 x 475+0.2[*5] x 569.5	16 & 16	22 / 22	5,082 (5,201)
685589 (685590)	6kW R32 1Ph Mono ASHP UQ & 210L Versatile Slimline Cylinder Pkg	2025 x 475+0.2[*5] x 569.5	16 & 16	22 / 22	5,139 (5,258)
685591 (685592)	6kW R32 1Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	5,045 (5,164)
685593 (685594)	6kW R32 1Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg	1745 x 550 x 651	16 & 16	22 / 22	5,156 (5,275)

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_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					
499726 (499727)	8.5kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	3,842 (3,980)
499752 (499753)	8.5kW R32 1Ph Mono ASHP UQ & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	3,566 (3,704)
Packaged					
499728 (499729)	8.5kW R32 1Ph Mono ASHP UQ & 200L Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	6,243 (6,381)
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	5,817 (5,955)
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	5,890 (6,028)
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	5,703 (5,841)
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	5,773 (5,911)
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	5,843 (5,981)
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	5,843 (5,981)
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	5,984 (6,122)
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	6,197 (6,335)
Versatile					
685595 (685596)	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	5,454 (5,592)
685597 (685598)	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	5,511 (5,649)
685599 (685600)	8.5kW R32 1Ph Mono ASHP UQ & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	5,417 (5,555)
685601 (685602)	8.5kW R32 1Ph Mono ASHP UQ & 250L Versatile Std Cylinder Pkg	1745 x 550 x 651	16 & 16	22 / 22	5,528 (5,666)
685603 (685604)	8.5kW R32 1Ph Mono ASHP UQ & 300L Versatile Std Cylinder Pkg	2058 x 550 x 651	16 & 16	22 / 22	5,695 (5,833)

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.

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

INCLUDED COMPONENTS						
Type	Description	Packaged	Pre-plumbed	Versatile	Standalone FTC6	Standalone for BEMS
Electrical	Immersion Heater	●	●	●	●	
	Wi-Fi Interface	●	●	●	●	
	Flow & Return Water Temperature Thermistor	●	●	●	●	●
	Flow Temperature Controller	●	●	●	●	
	DHW Upper & Lower Water Temperature Thermistor	●	●	●		
	DHW Water Temperature Thermistor		●	●	●	●
	BEMS System Controller					●
Mechanical	Plate Heat Exchanger	●	●			
	Coil Heat Exchanger			●		
	Primary Circulating Pump, DHW Circulating Pump	●	●			
	Heating Circulating Pump, Low Loss Header		●			
	3-way Motorised Diverter Valve	●	●	●		
	Scale Trap	●	●			
	Primary System Pressure Gauge, Automatic Air-Vent, Filling Loop, Drain Valve	●	●			
	DHW Drain Valve	●	●	●		
	G3 compliance kit (DHW Expansion Vessel, Pressure Reducing Valve, Temperature / Pressure Relief Valve, Expansion Relief Valve, Tundish, Strainer & Check Valve)	●	●	●		
	Magnetic Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●	●

*1 ENA database reference: HP_0610. *2 Coastal outdoor unit reference code & price in brackets. *3 Recommended breaker rating for indoor unit & Immersion heater.
*4 Indoor unit flow & return pipe size (Heating/DHW). *5 Temperature and Pressure Relief Valve.

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					
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.

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					
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	1712 x 475+0.2*5 x 569.5	16 & 16	22 / 22	6,270 (6,453)
685627 (685628)	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	6,327 (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.

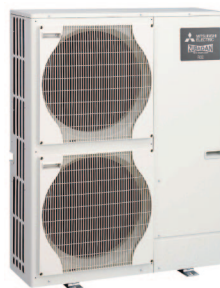# Ecodan R32 14kW 1Ph Monobloc Air Source Heat Pump

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 -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.

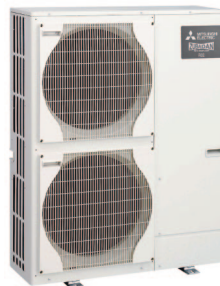# Ecodan R32 14kW 3Ph Monobloc Air Source Heat Pump

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					
499866 (499867)	14kW R32 3Ph Mono ASHP Zbdn Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	5,784 (6,021)
499289 (499290)	14kW R32 3Ph Mono ASHP Zbdn & FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	Via ODU or 16	-	5,508 (5,745)
Packaged					
499868 (499869)	14kW R32 3Ph Mono ASHP Zbdn & 200L Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	8,185 (8,422)
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	7,785 (8,022)
613643 (613644)	14kW R32 3Ph Mono ASHP Zbdn & 250L Pre-Plumbed Large Std Cylinder Pkg	1761 x 748 x 755	16 & 16	28 / 22	7,926 (8,163)
613645 (613646)	14kW R32 3Ph Mono ASHP Zbdn & 300L Pre-Plumbed Large Std Cylinder Pkg	2075 x 748 x 755	16 & 16	28 / 22	8,139 (8,376)
Versatile					
685645 (685646)	14kW R32 3Ph Mono ASHP Zbdn & 180L Versatile Slimline Cylinder Pkg	1712 x 475+0.2[6] x 569.5	16 & 16	22 / 22	7,396 (7,633)
685647 (685648)	14kW R32 3Ph Mono ASHP Zbdn & 210L Versatile Slimline Cylinder Pkg	2025 x 475+0.2[6] x 569.5	16 & 16	22 / 22	7,453 (7,690)
685649 (685650)	14kW R32 3Ph Mono ASHP Zbdn & 210L Versatile Std Cylinder Pkg	1495 x 550 x 651	16 & 16	22 / 22	7,359 (7,596)
685651 (685652)	14kW R32 3Ph Mono ASHP Zbdn & 250L Versatile Std Cylinder Pkg	1745 x 550 x 651	16 & 16	22 / 22	7,470 (7,707)
685653 (685654)	14kW R32 3Ph Mono ASHP Zbdn & 300L Versatile Std Cylinder Pkg	2058 x 550 x 651	16 & 16	22 / 22	7,637 (7,874)

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_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	92
283361	EMP3-M-1Ph	Mono 1Ph 1 Pulse/Wh Monitoring +2 Elec Meter +1 Heat Meter + Wi-Fi +1Y Data	757
488435	EMP3-Q-1Ph	QUHZ 1Ph 1 Pulse/Wh Monitoring +2 Elec Meter +1 Heat Meter + Wi-Fi +1Y Data	757
410120	EMPH-M-1Ph Hybrid Mono 1Ph	1 Pulse/kWh Monitoring +1 Heat Meter & Wi-Fi +1Y Data	601

Description	Electric Meter	Heat Meter	Data Storage
EMP1 (EMPSTD) Energy Input & Output Estimation Included as Standard	-	-	-
EMP2 (283362) Electrical Energy Measurement Consumption Pack	**2 x ACC-EM-EML-1PH** System Electricity Meter (405043)	-	-
EMP3-M-1Ph (283361) MMSP Compliant Electrical Energy Consumption and Heat Generation Pack with Cloud Data Storage	**2 x ACC-EM-EML-1PH** System Electricity Meter (405043)	**1 x ACC-HM-449-G25** Glycol Mono System Heat Meter (411697)	**ACC-RES-DSV-1Y** (283417)
EMP3-Q-1Ph (488435) MMSP Compliant Electrical Energy Consumption and Heat Generation Pack with Cloud Data Storage	**2 x ACC-EM-EML-1PH** System Electricity Meter (405043)	**1 x ACC-HM-449-QG** Glycol QUHZ System Heat Meter (488433)	**ACC-RES-DSV-1Y** (283417)
EMPH-M-1Ph (410120) Electrical Energy Consumption and Heat Generation Pack for Hybrid Systems	**2 x ACC-EM-EML-1PH** System Electricity Meter (405043)	**1 x ACC-HM-749-G25** Glycol Mono Hybrid System Heat Meter (281426)	**ACC-RES-DSV-1Y** (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.
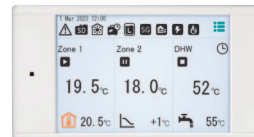
Key Features	FTC6	FTC7	FTC2BR
Initial Setting Wizard	●	●	
Commissioning Aide	●	●	
Smart Grid Ready	●	●	
PV Connection	●	●	
Energy Monitoring	●	●	
Dual Set-Point DHW	●	●	
Flow Rate Control Logic		●	
Quiet-Mode	●	●	
Cascade[*1]	●	●	
Hybrid	●	●	
BEMS Interface			●

*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	663
681713	PAC-IF082B-E	FTC7 Master Controller for 3rd Party Indoor Units	745
497952	PAC-IF033B-E	FTC2BR Input/Output Kit for BEMS Interface	502

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	398
333563	i-LIFE2 SLIM DLMV 170 ATS2	2.1kW i-LIFE2 SLIM-170 1Ph Vertical Cased Fan Assisted Radiator	450

System Components

Outdoor Unit

Ref Code	Model Name	Description	Price (£)
493468	QUHZ-W40VA	4kW R744 1Ph Mono ASHP Outdoor Unit Std	1,695
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	1,870
497741	PUZ-WM50VHA-BS	5kW R32 1Ph Mono ASHP Outdoor Unit Coastal Std	1,964
497782	PUZ-WM60VAA	6kW R32 1Ph Mono ASHP Outdoor Unit UQ	2,414
497784	PUZ-WM60VAA-BS	6kW R32 1Ph Mono ASHP Outdoor Unit UQ Coastal	2,533
497785	PUZ-WM85VAA	8.5kW R32 1Ph Mono ASHP Outdoor Unit UQ	2,786
497786	PUZ-WM85VAA-BS	8.5kW R32 1Ph Mono ASHP Outdoor Unit UQ Coastal	2,924
497787	PUZ-WM85YAA	8.5kW R32 3Ph Mono ASHP Outdoor Unit UQ	3,008
497788	PUZ-WM85YAA-BS	8.5kW R32 3Ph Mono ASHP Outdoor Unit UQ Coastal	3,157
497789	PUZ-WM112VAA	11.2kW R32 1Ph Mono ASHP Outdoor Unit UQ	3,335
497790	PUZ-WM112VAA-BS	11.2kW R32 1Ph Mono ASHP Outdoor Unit UQ Coastal	3,502
497792	PUZ-WM112YAA	11.2kW R32 3Ph Mono ASHP Outdoor Unit UQ	3,602
497793	PUZ-WM112YAA-BS	11.2kW R32 3Ph Mono ASHP Outdoor Unit UQ Coastal	3,785
499270	PUZ-HWM140VHA	14kW R32 1Ph Mono ASHP Outdoor Unit Zbdn	4,468
499271	PUZ-HWM140VHA-BS	14kW R32 1Ph Mono ASHP Outdoor Unit Coastal Zbdn	4,689
499282	PUZ-HWM140YHA	14kW R32 3Ph Mono ASHP Outdoor Unit Zbdn	4,728
499283	PUZ-HWM140YHA-BS	14kW R32 3Ph Mono ASHP Outdoor Unit Coastal Zbdn	4,965

Heating | Price List

Indoor Unit

Ref Code	Model Name	Description	Price (£)
Thermal Store			
493469	EHPT20Q-VM2EA	200L R744 1Ph Mono Packaged Thermal Store +2kW Boost Heater	2,686
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	663
497952	PAC-IF033B-E	FTC2BR Input/Output Kit for BEMS Interface	502
FTC6 Packaged Cylinder			
575363	EHPT20X-MHEDW	200L R32 1Ph Mono Packaged Cylinder Standard +3kW Immersion	3,010
FTC7 Packaged Cylinder			
680128	EHPT20X-MEHEW	200L R290 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	2,390
678154	EHPT21X-UKHLDWB	210L R32 1Ph Mono Versatile Cylinder Slimline Wi-Fi	2,447
Standard Versatile Cylinder			
678157	EHPT21X-UKHDWB	210L R32 1Ph Mono Versatile Cylinder Standard Wi-Fi	2,353
678158	EHPT25X-UKHDWB	250L R32 1Ph Mono Versatile Cylinder Standard Wi-Fi	2,464
678159	EHPT30X-UKHDWB	300L R32 1Ph Mono Versatile Cylinder Standard Wi-Fi	2,631

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 (£)
293106	ACC-FCP-QUHZ	Insulated Flexible Connection Pipes (QUHZ: 15mm x 750mm) Standard Pair	46
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
498754	ACC-MFI-022	Magnetic Particle Filter 22mm <8.5kW	101
498755	ACC-MFI-028	Magnetic Particle Filter 28mm ≥8.5kW	101
699741	ACC-FI-HP22	FTC Particle Filter 22mm < 8.0kW	88
699825	ACC-FI-HP28	FTC Particle Filter 28mm ≥ 8.0kW	97
332048	GT-QEVK02-UK	25L Exp Vessel Kit QUHZ	164
499438	PAC-WK02UK-E	FTC6 G3 Compliance Kit	189

Accessories

Controller

Ref Code	Model Name	Description	Price (£)
678210	PAR-WT60R-E	FTC Wireless Controller Transmitter	78
678211	PAR-WR61R-E	FTC Wireless Controller Receiver 2m Cable	58
699223	ACC-BEMS-A1MR5	FTC Modbus CN105 Interface	122

Electrical

Ref Code	Model Name	Description	Price (£)
408147	ACC-ISO-020	Isolator 20A IP65	23
408148	ACC-ISO-032	Isolator 32A IP65	23
415114	ACC-ISO-040	Isolator 40A IP65	27
486294	PAC-TH012HT-E	FTC6 High Temperature Sensor 5m Cable	37
486296	PAC-TH012HTL-E	FTC6 High Temperature Sensor 30m Cable	103
258695	PAC-TH011-E	FTC6 Flow and Return Temperature Sensors 5m Cable	34
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	63
584365	PAC-SK52ST	FTC Service Diagnostic Tool	49

Mechanical

Ref Code	Model Name	Description	Price (£)
265072	ACC-AVM-001	Ecodan Anti-Vibration Fix-It-Foot 600mm Kit	42
408127	ACC-AVS-001	Ecodan Reinforced Lightweight Slab + Anti-Vibration Fix-It-Foot Kit	158
254615	PAC-SH71DS-E	Compatible Drain Socket Kit	22
624039	ACC-AFZ-010A	Anti Freeze 10L	116
624040	ACC-AFZ-020A	Anti Freeze 20L	225
408177	ACC-FCP-TW1	Insulated Through Wall Sleeve Kit (85mm)	42
408130	ACC-TRU-LE1	External Pipework Trunking Length (1m x 140mm Black x2)	62
408131	ACC-TRU-LE2	External Pipework Trunking Length (2m x 140mm Black x1)	62
408142	ACC-TRU-JO1	External Pipework Trunking Length Connector (140mm Black)	13
408143	ACC-TRU-CO1	External Pipework Trunking Wall Cover (140mm Black)	23
408144	ACC-TRU-EL1	External Pipework Trunking Elbow (140mm Black)	23
408145	ACC-TRU-EC1	External Pipework Trunking External Corner (140mm Black)	41
408146	ACC-TRU-IC1	External Pipework Trunking Internal Corner (140mm Black)	41
283364	ACC-2ZP-K01	Pack for 2 Zone Systems with Equal Temperatures	209
283363	ACC-2ZP-K02	Pack for 2 Zone Systems with Different Temperatures	632
217205	ACC-FBV-40L	Flow Balancing Valve	64
293106	ACC-FCP-QUHZ	Insulated Flexible Connection Pipes (OUHZ: 750mm x 15mm) Standard Pair	46
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
408129	ACC-FCP-E28	Insulated Flexible Connection Pipes (28mm x 300mm) Elbow Pair	91

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
687935	Residential HP Std Annual Heat Pump Service & Maintenance Plan - Annual Fee	204
687936	Yearly System Service - Annual Fee	284
687937	Residential HP Std 3 Diamond Cover Service & Maintenance Plan - Annual Fee	430

*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-(250/350/500)CZPVU-(L/R)-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): 26-32-40
- Dimensions HxWxD (mm): 563 x 595 x 386 - 623 x 658 x 462 - 632 x 725 x 556
- Duct Size (mm): 125 - 150 - 160/180

WHOLE HOUSE			
Ref Code	**Model Name**	**Description**	**Price (£)**
Main Unit	Left Fresh Air Intake		
486410	VL-250CZPVU-L-E	69L/s Vertical MVHR Unit - Left Fresh Air Intake	1,428
486433	VL-350CZPVU-L-E	88L/s Vertical MVHR Unit - Left Fresh Air Intake	1,716
486435	VL-500CZPVU-L-E	138L/s Vertical MVHR Unit - Left Fresh Air Intake	2,578
Main Unit	Right Fresh Air Intake		
486411	VL-250CZPVU-R-E	69L/s Vertical MVHR Unit - Right Fresh Air Intake	1,428
486434	VL-350CZPVU-R-E	88L/s Vertical MVHR Unit - Right Fresh Air Intake	1,716
486436	VL-500CZPVU-R-E	138L/s Vertical MVHR Unit - Right Fresh Air Intake	2,578

ACCESSORIES			
Ref Code	**Model Name**	**Description**	**Price (£)**
588962	P-250F-E	Standard filter for VL-250CZPVU Coarse 55% / G3	40
588963	P-350F-E	Standard filter for VL-350CZPVU Coarse 55% / G3	51
588964	P-500F-E	Standard filter for VL-500CZPVU Coarse 55% / G3	61
580808	P-250PF-E	Medium efficiency filter for VL-250CZPVU ePM2.5 50% / M6	120
580809	P-350PF-E	Medium efficiency filter for VL-350CZPVU ePM2.5 50% / M6	130
588969	P-500PF-E	Medium efficiency filter for VL-500CZPVU ePM2.5 50% / M6	135
580810	P-250NF-E	NOx supply air filter for VL-250CZPVU-E	136
580811	P-350NF-E	NOx supply air filter for VL-350CZPVU-E	146
588968	P-500NF-E	NOx supply air filter for VL-500CZPVU-E	151
588978	P-250SB-E	Acoustic top box for VL-250CZPVU-E	887
588981	P-350SB-E	Acoustic top box for VL-350CZPVU-E	1,121
589026	P-500SB-E	Acoustic top box for VL-500CZPVU-E	1,481
580862	P-RCC-E	VL-CZPVU remote controller cover and 1m cable with noise filter	11
601928	MAC-587IF-E	MELCloud Wi-Fi Interface 2m cable	87

VL-100

Solution Key Features

- Effective single room ventilation
- Total heat recovery (sensible and latent)
- Simple wall mounted installation
- Low power consumption

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): 320 x 200 x 265

SINGLE ROOM			
Ref Code	**Model Name**	**Description**	**Price (£)**
Main Unit			
267003	VL-100EU5-E	VL-100EU5-E Lossnay	252

ACCESSORIES			
Ref Code	**Model Name**	**Description**	**Price (£)**
265146	P-100HF5-E	High Efficency Filter	61
189222	P-100P-E	Extension Pipe For VL-100U	26
189223	P-100PJ-E	Extension Pipe For VL-100U	26

Commercial

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	8,027

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

Ref Code	Model Name	Description	Price (£)
Air Source			
-	CAHV-R450YA-HPB	40kW R454C 3Ph Mono ASHP Outdoor Unit Std	21,164[*1]
Accessories			
252886	TW-TH16-E	Main Pipework Thermistor	421
306867	KS10-EP100S	Differential Pressure Switch For Water Systems	266
307006	PAR-W31MAA	Wired Remote Controller	160
276612	AE-200E	Centralised Controller	2,196
284558	PAC-YG82TB-J	AE-200E Panel & Cover Option	124

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

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	26,986
Accessories			
252886	TW-TH16-E	Main Pipework Thermistor	421
276612	AE-200E	Centralised Controller	2,196
284558	PAC-YG82TB-J	AE-200E Panel & Cover Option	124
574476	Q-1SCK	Secondary Side Control Circuit Kit	583

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 30°C - 65°C
- 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	20,653
Accessories			
252886	TW-TH16-E	Main Pipework Thermistor	421
306867	KS10-EP100S	Differential Pressure Switch For Water Systems	266
217248	PAR-W21MAA-J	Wired Remote Controller	167
276612	AE-200E	Centralised Controller	2,196
284558	PAC-YG82TB-J	AE-200E Panel & Cover Option	124
275207	TMP-O	CRHV Outdoor Temperature Sensor Inc Solar Guard	60

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

✉ **residential.helpdesk@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**

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