MITSUBISHI ELECTRIC

ecodan®

Residential Price List 2024

Issue 2

Ecodan Renewable Heating Solutions

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

Range Introduction	4-7
Partner Programme	8-9
Range Overview	10-13
Coastal Protection Models (-BS)	14
MELCloud and MELConsole Wi-Fi Connectivity	14
Ecodan R290 5kW Monobloc Air Source Heat Pump	15
Ecodan R290 6kW Monobloc Air Source Heat Pump	16
Ecodan R290 8kW Monobloc Air Source Heat Pump	17
Ecodan R32 5kW Monobloc Air Source Heat Pump	18
Ecodan R32 6kW Monobloc Air Source Heat Pump	19
Ecodan R32 8.5kW 1Ph Monobloc Air Source Heat Pump	20
Ecodan R32 8.5kW 3Ph Monobloc Air Source Heat Pump	21
Ecodan R32 11.2kW 1Ph Monobloc Air Source Heat Pump	22
Ecodan R32 11.2kW 3Ph Monobloc Air Source Heat Pump	23
Ecodan R32 14kW 1Ph Monobloc Air Source Heat Pump	24
Ecodan R32 14kW 3Ph Monobloc Air Source Heat Pump	25
Energy Monitoring Pack	26
Controls	27
Fan Assisted Radiators	28
System Components	28
Accessories	29
Warranty Extension	30
Services	31
Residential Ventilation	32
Commercial Heating	34
How to contact us	36



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 and Pre-Plumbed 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 and a Pre-plumbed option for ease of installation, available in slimline and standard variants with the flexibility to meet most installation requirements.



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.





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

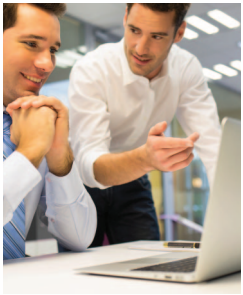
Case Studies, or examples of individual installations, are an excellent means of promoting our joint business activities together. Whether your installation is large or small, we can help you promote your success stories to generate enquiries and help to grow your business.

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



R290 R32

PUZ-WZ50VAA PUZ-WM50VHA

System Type		Litres	5kW	5kW
Standalone	PAC-IF082B-E		●	●
FTC7 Packaged Cylinder	EHPT20X-MEHEW	200	●	●
FTC7 Pre-Plumbed Cylinder - Slimline	150 Slimline EHPT15X-UKHLEWS	150	●	●
	170 Slimline EHPT17X-UKHLEWS	170	●	●
FTC7 Pre-Plumbed Cylinder - Standard	Standard 150 EHPT15X-UKHEWS	150	●	●
	Standard 170 EHPT17X-UKHEWS	170	●	●
	Standard 210 (Small) EHPT21X-UKHEWS	210	●	●
	Standard 210 (Large) EHPT21X-UKHEWL	210		
	Standard 250 EHPT25X-UKHEWL	250		
	Standard 300 HPT30X-UKHEWL	300		

							
R290	R32	R290	R32	R32	R32	Commercial	Commercial
PUZ-WZ60VAA	PUZ-WM60VAA	PUZ-WZ80VAA	PUZ-WM85VAA PUZ-WM85YAA	PUZ-WM112VAA PUZ-WM112YAA	PUZ-HWM140VHA PUZ-HWM140YHA	QAHV-N560YA-HPB	CAHV-R450YA-HPB
6kW	6kW	8kW	8.5kW	11.2kW	14kW	40kW	40kW
●	●	●	●	●	●		
●	●	●	●	●	●		
●	●	●	●				
●	●	●	●				
●	●	●	●				
●	●	●	●				
●	●	●	●				
●	●	●	●	●	●		
●	●	●	●	●	●		
		●	●	●	●		

Range Overview



R290 PUZ-WZ50VAA



R32 PUZ-WM50VHA

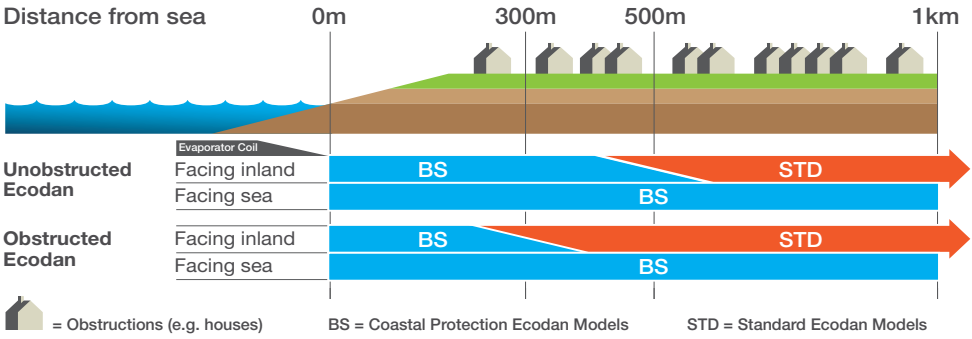
System Type			Litres	5kW	5kW
Ecodan Hydrodan (Water Loop Technology)		EHWT17D-MHEDW	170		
Approvals		Manufactured in the United Kingdom		●	●
		Red Dot Award		●	●
	MCS CERTIFIED	Microgeneration Certification Scheme		●	●
		Keymark		●	●
		Boiler Upgrade Scheme Product Eligibility List		●	●

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

							
R290	R32	R290	R32	R32	R32	Commercial	Commercial
PUZ-WZ60VAA	PUZ-WM60VAA	PUZ-WZ80VAA	PUZ-WM85VAA PUZ-WM85YAA	PUZ-WM112VAA PUZ-WM112YAA	PUZ-HWM140VHA PUZ-HWM140YHA	QAHV-N560YA-HPB	CAHV-R450YA-HPB
6kW	6kW	8kW	8.5kW	11.2kW	14kW	40kW	40kW
							●
●	●	●	●	●			
●	●	●	●	●			
●	●	●	●	●	●		
●	●	●	●	●	●	●	
●	●	●	●	●	●		

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.

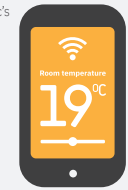
MELCloud

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 FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 /16	28 / 22	**6,012 (6,136)**
Pre-Plumbed					
719174 (719175)	5kW R290 1Ph Mono ASHP Std + FTC7 150L Pre-Plumbed Cylinder Slim Pkg	1516 x 676 x 654	16 and 16	22 / 22	**5,458 (5,582)**
719176 (719177)	5kW R290 1Ph Mono ASHP Std + FTC7 170L Pre-Plumbed Cylinder Slim Pkg	1690 x 676 x 654	16 and 16	22 / 22	**5,531 (5,655)**
719178 (719179)	5kW R290 1Ph Mono ASHP Std + FTC7 150L Pre-Plumbed Cylinder Standard Pkg	1131 x 730 x 756	16 and 16	22 / 22	**5,344 (5,468)**
719180 (719181)	5kW R290 1Ph Mono ASHP Std + FTC7 170L Pre-Plumbed Cylinder Standard Pkg	1257 x 730 x 756	16 and 16	22 / 22	**5,414 (5,538)**
719182 (719183)	5kW R290 1Ph Mono ASHP Std + FTC7 210L Pre-Plumbed Cylinder Standard (Small) Pkg	1509 x 730 x 756	16 and 16	22 / 22	**5,484 (5,608)**

INCLUDED COMPONENTS			
Type	**Description**	**Packaged Cylinder**	**Standalone FTC7**
Electrical	Immersion Heater	●	
	Wi-Fi Interface	●	●
	Flow and Return Water Temperature Thermistor	●	●
	Flow Temperature Controller	●	●
	DHW Upper and 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 and Check Valve)	●	
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●

*ENA database reference: MITEL/04108/V1.
1 Coastal outdoor unit reference code and price in brackets.
*2 Recommended breaker rating for indoor unit and Immersion heater.
*3 Indoor unit flow and 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+++ (35°C)
- 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 FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 /16	28 / 22	**6,235 (6,365)**
Pre-Plumbed					
719184 (719185)	6kW R290 1Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Slim Pkg	1516 x 676 x 654	16 and 16	22 / 22	**5,681 (5,811)**
719186 (719187)	6kW R290 1Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Slim Pkg	1690 x 676 x 654	16 and 16	22 / 22	**5,754 (5,884)**
719188 (719189)	6kW R290 1Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Standard Pkg	1131 x 730 x 756	16 and 16	22 / 22	**5,567 (5,697)**
719190 (719191)	6kW R290 1Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Standard Pkg	1257 x 730 x 756	16 and 16	22 / 22	**5,637 (5,767)**
719192 (719193)	6kW R290 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Small) Pkg	1509 x 730 x 756	16 and 16	22 / 22	**5,707 (5,837)**
719194 (719195)	6kW R290 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**5,707 (5,837)**
719196 (719197)	6kW R290 1Ph Mono ASHP UQ + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**5,848 (5,978)**

INCLUDED COMPONENTS			
Type	Description	Packaged Cylinder	Standalone FTC7
Electrical	Immersion Heater	●	
	Wi-Fi Interface	●	●
	Flow and Return Water Temperature Thermistor	●	●
	Flow Temperature Controller	●	●
	DHW Upper and 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 and Check Valve)	●	
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●

*ENA database reference: MITEL/07317/V1.
1 Coastal outdoor unit reference code and price in brackets.
*2 Recommended breaker rating for indoor unit and Immersion heater.
*3 Indoor unit flow and 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+++ (35°C)
- 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 FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 /16	28 / 22	**6,744 (6,892)**
Pre-Plumbed					
719198 (719199)	8kW R290 1Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Slim Pkg	1516 x 676 x 654	16 and 16	22 / 22	**6,181 (6,329)**
719200 (719201)	8kW R290 1Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Slim Pkg	1690 x 676 x 654	16 and 16	22 / 22	**6,254 (6,402)**
719202 (719203)	8kW R290 1Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Standard Pkg	1131 x 730 x 756	16 and 16	22 / 22	**6,067 (6,215)**
719204 (719205)	8kW R290 1Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Standard Pkg	1257 x 730 x 756	16 and 16	22 / 22	**6,137 (6,285)**
719206 (719207)	8kW R290 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Small) Pkg	1509 x 730 x 756	16 and 16	22 / 22	**6,207 (6,355)**
719208 (719209)	8kW R290 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**6,207 (6,355)**
719210 (719211)	8kW R290 1Ph Mono ASHP UQ + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**6,348 (6,496)**
719212 (719213)	8kW R290 1Ph Mono ASHP UQ + FTC7 300L Pre-Plumbed Cylinder Standard Pkg	2075 x 748 x 755	16 and 16	28 / 22	**6,561 (6,709)**

INCLUDED COMPONENTS			
Type	**Description**	**Packaged Cylinder**	**Standalone FTC7**
Electrical	Immersion Heater	●	
	Wi-Fi Interface	●	●
	Flow and Return Water Temperature Thermistor	●	●
	Flow Temperature Controller	●	●
	DHW Upper and 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 and Check Valve)	●	
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●

*ENA database reference: MITEL/01623/V1.
1 Coastal outdoor unit reference code and price in brackets.
*2 Recommended breaker rating for indoor unit and Immersion heater.
*3 Indoor unit flow and 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 -20°C
- Maintains rated heating capacity down to -7°C
- Simple grid connection as classified as Connect & Notify
- 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*1
- Sound Pressure Level at 1m: 47 dBA
- ErP: A+++ (35°C)
- Breaker: 230VAC, 16A
- Recommended pipe size: 22mm
- Nominal flow rate: 14L/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					
722694 (722695)	5kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	**3,078 (3,176)**
706656 (706657)	5kW R32 1Ph Mono ASHP UQ + 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 + 200L FTC7 Packaged Cylinder Pkg	1600x 595 x 680	10 & 16	28 / 22	**5,538 (5,636)**
Pre-Plumbed					
710183 (719094)	5kW R32 1Ph Mono ASHP Std + FTC7 150L Pre-Plumbed Cylinder Slim Pkg	1516 x 67 6 x 654	16 and 16	22 / 22	**4,984 (5,082)**
719095 (719096)	5kW R32 1Ph Mono ASHP Std + FTC7 170L Pre-Plumbed Cylinder Slim Pkg	1690 x 676 x 654	16 and 16	22 / 22	**5,057 (5,155)**
719097 (719098)	5kW R32 1Ph Mono ASHP Std + FTC7 150L Pre-Plumbed Cylinder Standard Pkg	1131 x 730 x 756	16 and 16	22 / 22	**4,870 (4,968)**
719099 (719100)	5kW R32 1Ph Mono ASHP Std + FTC7 170L Pre-Plumbed Cylinder Standard Pkg	1257 x 730 x 756	16 and 16	22 / 22	**4,940 (5,038)**
719101 (719102)	5kW R32 1Ph Mono ASHP Std + FTC7 210L Pre-Plumbed Cylinder Standard (Small) Pkg	1509 x 730 x 756	16 and 16	22 / 22	**5,010 (5,108)**

INCLUDED COMPONENTS					
Type	Description	Packaged	Pre-plumbed	Standalone FTC7	Standalone for BEMS
Electrical	Immersion Heater	●	●		
	Wi-Fi Interface	●	●	●	
	Flow and Return Water Temperature Thermistor	●	●	●	●
	Flow Temperature Controller	●	●	●	
	DHW Upper and 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 and Check Valve)	●	●		
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●

*ENA database reference: MITEL/03424/V1.

*1 exc. grille. *2 Coastal outdoor unit reference code and price in brackets. *3 Recommended breaker rating for indoor unit and Immersion heater.

*4 Indoor unit flow and return pipe size (Heating/DHW). *5 Temperature and 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 -20°C
- Maintains rated heating capacity down to -10°C
- Simple grid connection as classified as Connect & Notify
- 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+++ (35°C)
- 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					
722696 (722697)	6kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	**3,644 (3,767)**
706684 (7066860	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 FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	**6,104 (6,227)**
Pre-Plumbed					
719103 (719104)	6kW R32 1Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Slim Pkg	1516 x 676 x 654	16 and 16	22 / 22	**5,550 (5,673)**
719105 (719106)	6kW R32 1Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Slim Pkg	1690 x 676 x 654	16 and 16	22 / 22	**5,623 (5,746)**
719107 (719108)	6kW R32 1Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Standard Pkg	1131 x 730 x 756	16 and 16	22 / 22	**5,436 (5,559)**
719109 (719110)	6kW R32 1Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Standard Pkg	1257 x 730 x 756	16 and 16	22 / 22	**5,506 (5,629)**
719111 (719112)	6kW R32 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Small) Pkg	1509 x 730 x 756	16 and 16	22 / 22	**5,576 (5,699)**
719113 (719114)	6kW R32 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**5,576 (5,699)**
719115 (719116)	6kW R32 1Ph Mono ASHP UQ + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**5,717 (5,840)**

INCLUDED COMPONENTS					
Type	Description	Packaged	Pre-plumbed	Standalone FTC7	Standalone for BEMS
Electrical	Immersion Heater	●	●		
	Wi-Fi Interface	●	●	●	
	Flow and Return Water Temperature Thermistor	●	●	●	●
	Flow Temperature Controller	●	●	●	
	DHW Upper and 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 and Check Valve)	●	●		
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●

*1 ENA database reference: MITEL/09071/V1.
*1 Coastal outdoor unit reference code and price in brackets. *2 Recommended breaker rating for indoor unit and Immersion heater.
*3 Indoor unit flow and return pipe size (Heating/DHW). *4 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
- 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*1	Description	Dimensions (H x W x D)	Breaker (A)*2	Pipe Size (mm)*3	Price (£)*1
Standalone					
722698 (722699)	8.5kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	**4,039 (4,183)**
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 FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	**6,499 (6,643)**
Pre-Plumbed					
719117 719118)	8.5kW R32 1Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Slimline Pkg	1516 x 676 x 654	16 and 16	22 / 22	**5,936 (6,080)**
719119 (719120)	8.5kW R32 1Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Slim Pkg	1690 x 676 x 654	16 and 16	22 / 22	**6,009 (6,153)**
719121 (719122)	8.5kW R32 1Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Standard Pkg	1131 x 730 x 756	16 and 16	22 / 22	**5,822 (5,966)**
719123 (719124)	8.5kW R32 1Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Standard Pkg	1257 x 730 x 756	16 and 16	22 / 22	**5,892 (6,036)**
719125 (719126)	8.5kW R32 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Small) Pkg	1509 x 730 x 756	16 and 16	22 / 22	**5,962 (6,106)**
719127 (719128)	8.5kW R32 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**5,962 (6,106)**
719130 (719131)	8.5kW R32 1Ph Mono ASHP UQ + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**6,103 (6,247)**
719132 (719133)	8.5kW R32 1Ph Mono ASHP UQ + FTC7 300L Pre-Plumbed Cylinder Standard Pkg	207 5x 748 x 755	16 and 16	28 / 22	**6,316 (6,460)**

INCLUDED COMPONENTS					
Type	Description	Packaged	Pre-plumbed	Standalone FTC7	Standalone for BEMS
Electrical	Immersion Heater	●	●		
	Wi-Fi Interface	●	●	●	
	Flow and Return Water Temperature Thermistor	●	●	●	●
	Flow Temperature Controller	●	●	●	
	DHW Upper and 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 and Check Valve)	●	●		
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●

*ENA database reference: MITEL/04923/V1. *

1 Coastal outdoor unit reference code and price in brackets. *2 Recommended breaker rating for indoor unit and Immersion heater.

*3 Indoor unit flow and return pipe size (Heating/DHW). *4 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
- 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*1	Description	Dimensions (H x W x D)	Breaker (A)*2	Pipe Size (mm)*3	Price (£)*1
Standalone					
722700 (722701)	8.5kW R32 3Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	Via ODU or 16	-	**4,270 (4,425)**
709750 (70975)	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 FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	**6,730 (6,885)**
Pre-Plumbed					
719134 (719135)	8.5kW R32 3Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Slim Pkg	1516 x 676 x 654	16 and 16	22 / 22	**6,167 (6,322)**
719136 (719137)	8.5kW R32 3Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Slim Pkg	1690 x 676 x 654	16 and 16	22 / 22	**6,240 (6,395)**
719138 (719139)	8.5kW R32 3Ph Mono ASHP UQ + FTC7 150L Pre-Plumbed Cylinder Standard Pkg	1131 x 730 x 756	16 and 16	22 / 22	**6,053 (6,208)**
719140 (719141)	8.5kW R32 3Ph Mono ASHP UQ + FTC7 170L Pre-Plumbed Cylinder Standard Pkg	1257 x 730 x 756	16 and 16	22 / 22	**6,123 (6,278)**
719142 (719143)	8.5kW R32 3Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Small) Pkg	1509 x 730 x 756	16 and 16	22 / 22	**6,193 (6,348)**
719144 (719145)	8.5kW R32 3Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**6,193 (6,348)**
719146 (719147)	8.5kW R32 3Ph Mono ASHP UQ + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**6,334 (6,489)**
719148 (719149)	8.5kW R32 3Ph Mono ASHP UQ + FTC7 300L Pre-Plumbed Cylinder Standard Pkg	2075 x 748 x 755	16 and 16	28 / 22	**6,547 (6,702)**

INCLUDED COMPONENTS					
Type	Description	Packaged	Pre-plumbed	Standalone FTC7	Standalone for BEMS
Electrical	Immersion Heater	●	●		
	Wi-Fi Interface	●	●	●	
	Flow and Return Water Temperature Thermistor	●	●	●	●
	Flow Temperature Controller	●	●	●	
	DHW Upper and 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 and Check Valve)	●	●		
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●

*ENA database reference: MITEL/03706/V1.
*1 Coastal outdoor unit reference code & price in brackets. *2 Recommended breaker rating for indoor unit and Immersion heater.
*3 Indoor unit flow & return pipe size (Heating/DHW). *4 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
- 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*1	Description	Dimensions (H x W x D)	Breaker (A)*2	Pipe Size (mm)*3	Price (£)*1
Standalone					
722702 (722703)	11.2kW R32 1Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	16 and 16	-	**4,610 (4,784)**
709788 (709790)	11.2kW R32 1Ph Mono ASHP UQ + FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	16 and 16	-	**4,272 (4,446)**
Packaged					
709786 (709787)	11.2kW R32 1Ph Mono ASHP UQ + 200L FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	**7,070 (7,244)**
Pre-Plumbed					
719150 (719151)	11.2kW R32 1Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**6,533 (6,707)**
719152 (719153)	11.2kW R32 1Ph Mono ASHP UQ + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**6,674 (6,848)**
719154 (719155)	11.2kW R32 1Ph Mono ASHP UQ + FTC7 300L Pre-Plumbed Cylinder Standard Pkg	2075 x 748 x 755	16 and 16	28 / 22	**6,887 (7,061)**

INCLUDED COMPONENTS					
Type	Description	Packaged	Pre-plumbed	Standalone FTC7	Standalone for BEMS
Electrical	Immersion Heater	●	●		
	Wi-Fi Interface	●	●	●	
	Flow and Return Water Temperature Thermistor	●	●	●	●
	Flow Temperature Controller	●	●	●	
	DHW Upper and 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 and Check Valve)	●	●		
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●

*ENA database reference: MITEL/02336/V1.
*1 Coastal outdoor unit reference code and price in brackets. *2 Recommended breaker rating for indoor unit and Immersion heater.
*3 Indoor unit flow and return pipe size (Heating/DHW). *4 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
- 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

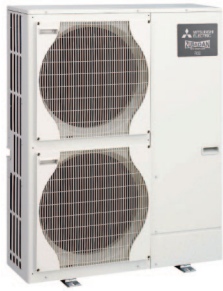
SYSTEM PRICE		INDOOR UNIT			
Ref Code*1	**Description**	**Dimensions** (H x W x D)	**Breaker** (A)*2	**Pipe Size** (mm)*3	**Price (£)*1**
Standalone					
722704 (722705)	11.2kW R32 3Ph Mono ASHP UQ Standalone Pkg	422 x 393 x 87	16 and 16	-	**4,888 (5,078)**
710124 (710125)	11.2kW R32 3Ph Mono ASHP UQ + FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	16 and 16	-	**4,550 (4,740)**
Packaged					
710119 (710121)	11.2kW R32 3Ph Mono ASHP UQ + 200L FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	**7,348 (7,538)**
Pre-Plumbed					
719156 (719157)	11.2kW R32 3Ph Mono ASHP UQ + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**6,811 (7,001)**
719159 (719160)	11.2kW R32 3Ph Mono ASHP UQ + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**6,952 (7,142)**
719161 (719162)	11.2kW R32 3Ph Mono ASHP UQ + FTC7 300L Pre-Plumbed Cylinder Standard Pkg	2075 x 748 x 755	16 and 16	28 / 22	**7,165 (7,355)**

INCLUDED COMPONENTS					
Type	**Description**	**Packaged**	**Pre-plumbed**	**Standalone FTC7**	**Standalone for BEMS**
Electrical	Immersion Heater	●	●		
	Wi-Fi Interface	●	●	●	
	Flow and Return Water Temperature Thermistor	●	●	●	●
	Flow Temperature Controller	●	●	●	
	DHW Upper and 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 and Check Valve)	●	●		
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●

*ENA database reference: MITEL/04226/V1.
*1 Coastal outdoor unit reference code and price in brackets. *2 Recommended breaker rating for indoor unit and Immersion heater.
*3 Indoor unit flow and return pipe size (Heating/DHW). *4 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

Outdoor Unit Key Technical Features

- **Dimensions** HxWxD (mm): 1350 x 1020 x 330*1
- 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

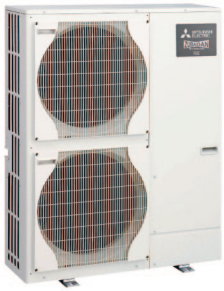
SYSTEM PRICE		INDOOR UNIT			
Ref Code*2	**Description**	**Dimensions** (H x W x D)	**Breaker** (A)*3	**Pipe Size** (mm)*4	**Price (£)*2**
Standalone					
722706 (722707)	14kW R32 1Ph Mono ASHP Zbdn Standalone Pkg	422 x 393 x 87	16 and 16	-	**5,789 (6,019)**
710141 (710151)	14kW R32 1Ph Mono ASHP Zbdn + FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	16 and 16	-	**5,451 (5,681)**
Packaged					
710139 (710140)	14kW R32 1Ph Mono ASHP Zbdn + 200L FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	**8,249 (8,479)**
Pre-Plumbed					
719163 (719164)	14kW R32 1Ph Mono ASHP Zbdn + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**7,712 (7,942)**
719165 (719166)	14kW R32 1Ph Mono ASHP Zbdn + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**7,853 (8,083)**
719167 (719446)	14kW R32 1Ph Mono ASHP Zbdn + FTC7 300L Pre-Plumbed Cylinder Standard Pkg	2075 x 748 x 755	16 and 16	28 / 22	**8,066 (8,296)**

INCLUDED COMPONENTS					
Type	**Description**	**Packaged**	**Pre-plumbed**	**Standalone FTC7**	**Standalone for BEMS**
Electrical	Immersion Heater	●	●		
	Wi-Fi Interface	●	●	●	
	Flow and Return Water Temperature Thermistor	●	●	●	●
	Flow Temperature Controller	●	●	●	
	DHW Upper and 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 and Check Valve)	●	●		
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●

*ENA database reference: MITEL/04418/V1.
*1 exc. grille. *2 Coastal outdoor unit reference code and price in brackets. *3 Recommended breaker rating for indoor unit and Immersion heater.
*4 Indoor unit flow and return pipe size (Heating/DHW). *5 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
- 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*1
- 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)*3	**Pipe Size** (mm)*4	**Price (£)*2**
Standalone					
722708 (722709)	14kW R32 3Ph Mono ASHP Zbdn Standalone Pkg	422 x 393 x 87	16 and 16	-	**6,059 (6,306)**
710172 (710173)	14kW R32 3Ph Mono ASHP Zbdn + FTC2BR Flow Temperature Controller Pkg	278 x 336 x 69	16 and 16	-	**5,721 (5,968)**
Packaged					
710170 (710171)	14kW R32 3Ph Mono ASHP Zbdn + 200L FTC7 Packaged Cylinder Pkg	1600 x 595 x 680	10 & 16	28 / 22	**8,519 (8,766)**
Pre-Plumbed					
719168 (719169)	14kW R32 3Ph Mono ASHP Zbdn + FTC7 210L Pre-Plumbed Cylinder Standard (Large) Pkg	1509 x 748 x 755	16 and 16	28 / 22	**7,982 (8,229)**
719170 (719171)	14kW R32 3Ph Mono ASHP Zbdn + FTC7 250L Pre-Plumbed Cylinder Standard Pkg	1761 x 748 x 755	16 and 16	28 / 22	**8,123 (8,370)**
719172 (719173)	14kW R32 3Ph Mono ASHP Zbdn + FTC7 300L Pre-Plumbed Cylinder Standard Pkg	2075 x 748 x 755	16 and 16	28 / 22	**8,336 (8,583)**

INCLUDED COMPONENTS					
Type	**Description**	**Packaged**	**Pre-plumbed**	**Standalone FTC7**	**Standalone for BEMS**
Electrical	Immersion Heater	●	●		
	Wi-Fi Interface	●	●	●	
	Flow and Return Water Temperature Thermistor	●	●	●	●
	Flow Temperature Controller	●	●	●	
	DHW Upper and 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 and Check Valve)	●	●		
	Heat Pump Filter, Insulated Flexible Connection Pipes, Flow Sensor	●	●	●	●

*1 ENA database reference: MITEL/06205/V1.
*1 exc. grille. *2 Coastal outdoor unit reference code and price in brackets. *3 Recommended breaker rating for indoor unit and Immersion heater.
*4 Indoor unit flow and return pipe size (Heating/DHW). *5 Temperature and Pressure Relief Valve.

Energy Monitoring Pack

EMP1, EMP2 & EMPH

Ecodan Flow Temperature Control (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**

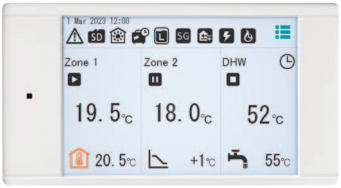
Description	Electric Meter	Heat Meter	Data Storage
EMP1 (EMPSTD) Energy Input & Output Estimation Included as Standard	-	-	-
EMP2 (283362) Electrical Energy Measurement Consumption Pack	**2 x ACC-EM-EML-1PH** System Electricity Meter (405043)	-	-
EMPH-M-1Ph (410120) Electrical Energy Consumption and 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** One Year (283417)

Controls

TheFTC7 Flow Temperature Controllers has been designed specifically by Mitsubishi Electric to integrate with the Ecodan R32 and R290 monobloc air source heat pump range .

The FTC2BR has been developed to allow the Ecodan R32range to interface with third party or BEMS (Building Energy Management System) controls.





Key Features	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-IF082B-E. Please contact your regional sales office technical team.

Ref Code	Model Name	Description	Price (£)
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**
497952	PAC-IF033B-E	FTC2BR Input/Output Kit for BEMS Interface	**522**
FTC7 Packaged Cylinder			
680128	EHPT20X-MEHEW	FTC7 Packaged Cylinder 200L	**3,151**
Pre-Plumbed Cylinder - Slimline			
6715343	EHPT15X-UKHLEWS	FTC7 Pre-Plumbed Cylinder 150L Slimline	**2,963**
715344	EHPT17X-UKHLEWS	FTC7 Pre-Plumbed Cylinder 170L Slimline	**3,036**
Pre-Plumbed Cylinder - Standard			
715345	EHPT15X-UKHEWS	FTC7 Pre-Plumbed Cylinder 150L Standard	**2,849**
715346	EHPT17X-UKHEWS	FTC7 Pre-Plumbed Cylinder 170L Standard	**2,919**
715347	EHPT21X-UKHEWS	FTC7 Pre-Plumbed Cylinder 210L Standard (Small)	**2,989**
715348	EHPT21X-UKHEWL	FTC7 Pre-Plumbed Cylinder 210L Standard (Large)	**2,989**
715349	EHPT25X-UKHEWL	FTC7 Pre-Plumbed Cylinder 250L Standard	**3,130**
715351	EHPT30X-UKHEWL	FTC7 Pre-Plumbed Cylinder 300L Standard	**3,343**

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
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 (£)
339376	DIS-ODU-MVAA01	R32 Display Unit (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

Residential 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		
486410	VL-250CZPVU-L-E	69L/s Vertical MVHR Unit - Left Fresh Air Intake	**1,486**
486433	VL-350CZPVU-L-E	88L/s Vertical MVHR Unit - Left Fresh Air Intake	**1,785**
486435	VL-500CZPVU-L-E	138L/s Vertical MVHR Unit - Left Fresh Air Intake	**2,682**
Main Unit	Right Fresh Air Intake		
486411	VL-250CZPVU-R-E	69L/s Vertical MVHR Unit - Right Fresh Air Intake	**1,486**
486434	VL-350CZPVU-R-E	88L/s Vertical MVHR Unit - Right Fresh Air Intake	**1,785**
486436	VL-500CZPVU-R-E	138L/s Vertical MVHR Unit - Right Fresh Air Intake	**2,682**

ACCESSORIES

Ref Code	Model Name	Description	Price (£)
588962	P-250F-E	Replacement Coarse 55% / G3 filter for VL-250CZPVU-E	**42**
588963	P-350F-E	Replacement Coarse 55% / G3 filter for VL-350CZPVU-E	**54**
588964	P-500F-E	Replacement Coarse 55% / G3 filter for VL-500CZPVU-E	**64**
580808	P-250PF-E	$ePM_{2.5}$ 50% / M6 filter for VL-250CZPVU-E	**125**
580809	P-350PF-E	$ePM_{2.5}$ 50% / M6 filter for VL-350CZPVU-E	**136**
588969	P-500PF-E	$ePM_{2.5}$ 50% / M6 filter for VL-500CZPVU-E	**141**
580810	P-250NF-E	NOx 90% supply air filter for VL-250CZPVU-E	**142**
580811	P-350NF-E	NOx 90% supply air filter for VL-350CZPVU-E	**152**
588968	P-500NF-E	NOx 90% supply air filter for VL-500CZPVU-E	**158**
588978	P-250SB-E	Acoustic top box for VL-250CZPVU-E	**923**
588981	P-350SB-E	Acoustic top box for VL-350CZPVU-E	**1,166**
589026	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 Heating

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 24°C to 70°C 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 24°C - 70°C
- Operation down to -25°C
- Achieves 70°C outlet temperature down to -20°C 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 55°C - 90°C
- Full heating capacity down to -3°C outdoor temperature
- Operation down to -25°C

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.

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

ecodan® Renewable Heating Technology

Lossnay

MITSUBISHI ELECTRIC



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

PARTNER Programme

MITSUBISHI ELECTRIC
Changes for the Better

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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Note: The fuse rating is for guidance only and please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R290 (GWP:3), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R454C (GWP:148), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Prices effective as of 2nd April 2024

Green Gateway
www.greengateway.mitsubishielectric.co.uk
Mitsubishi Electric UK's commitment to the environment

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