

WHY HEAT PUMPS?

LOWER RUNNING COST

Compared to oil and LPG alternatives, heat pumps provide significant run cost savings.

HIGHER LEVEL OF SAFETY

As heat pumps don't require fossil fuel at your property, there is no danger of a natural gas leak or carbon monoxide poisoning.

REDUCED CARBON EMISSIONS

There are no emissions at point of use. Also, with more and more electricity provided by renewable sources, heat pumps truly are the green alternative.

GOVERNMENT INCENTIVES

ACT FAST - DEADLINE 31ST MARCH 2022

Eligibility for the government's Renewable Heat Incentive can cover up to 90% of the cost of a heat pump installation - deadline for grant applications is 31st March 2022.

COULD BE WORTH OVER £12,000

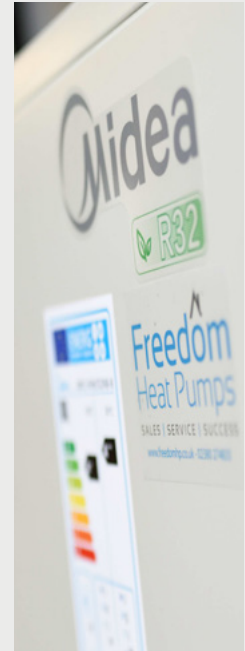
NEW SCHEME FROM APRIL 2022

From April 2022 the new Boiler Upgrade Scheme will replace the Renewable Heat Incentive (RHI). Homeowners can apply to receive government grants of £5,000 for the purchase of air source heat pumps (ASHP) or £6,000 for ground source heat pumps (GSHP). The government will contribute a fixed sum towards the cost of a renewable heating system, and the homeowner will pay the rest of the costs.

UP TO

50%

REDUCTION IN RUNNING COSTS
OVER OIL & LPG



APPLY FOR YOUR BOILER
UPGRADE GRANT & RECEIVE UP TO

£6000

TOWARDS YOUR NEW HEAT
PUMP INSTALLATION



WHY MIDEA?



INCREDIBLE VALUE

Midea work with a single purpose of realising as much market share as possible. This is evident in their incredibly low prices.



10-YEAR WARRANTY

Nothing says you're confident in the quality of your heat pump more than a 10-year warranty, only available from Freedom Heat Pumps.



ON BOARD CONNECTIVITY

Internet connectivity allows you to monitor your heating system from anywhere in the world. Never come back to a cold home!



R32 REFRIGERANT

With a global warming potential of 675 (two thirds less than R410a), R32 is much better for the environment.



SO, SO QUIET

Engineered to be no noisier than 35db(A) at 3m, the Midea M Thermal range need never bother your neighbours ever again.



SUPER EFFICIENT

503%* efficiency at a 35°C flow temperature puts this heat pump in a class of its own. *MHC-V8

Midea are the world's No.1 manufacturer of air treatment products. In 2018, Forbes Global named Midea as the world's 253rd largest business as a result of \$40bn sales. With a European market share of over 20%, Midea now manufacture 1 in every 5 air conditioning systems sold and, in 2019, HVAC total global sales output reached over 40 million systems. Midea are so confident in their product reliability that they are offering the industry's first 10-year warranty to our customers.

THE WORLD'S NO. 1 BRAND

of air-treatment products, aircoolers, and kettles.



FHP CLOUD FOR THE INSTALLER

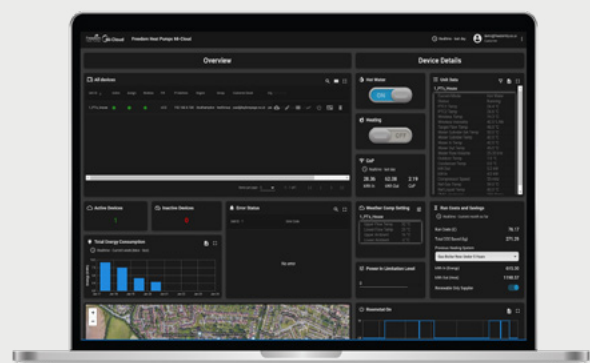
Your Midea unit can also be upgraded to include the unique FHP Cloud facility, a browser-based dashboard you can access via a unique web address.

Two dashboards: one for you, the installer and one for the end user.

The installer dashboard gives you the ability to monitor and manage the performance of the Midea unit through the online application that records actual live data.



- Allows you to assess problems remotely – instant technical support eradicating the need to attend the site
- Provides over the air (OTA) commissioning assistance



- Instant alerts for faults
- Remote system performance updates
- Service and maintenance logging and reminders

The beauty of FHP Cloud technology is that you can access the dashboard on any device anywhere in the world – you just need access to the internet.

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I am finding the portal incredibly useful; we are able to diagnose issues with a great degree of accuracy. An example I can give you is sending one of our electricians with little to no plumbing knowledge to clear a ball filter valve because we could see a gradual drop in flow rate over the course of a couple of weeks. Doing this got us from about 20lpm to about 40lpm. All diagnosed on the app from the comfort of my home.

FHP CLOUD FOR THE END USER

Through the FHP Cloud browser link the end user can manage the temperature of the heating and hot water throughout their home from a mobile phone.

The application needs to be connected to the home router via a wireless connection.

Thanks to the latest smart technology, FHP Cloud allows a quick overview and live status of the heat pump and the heating in the property, allowing the ability to increase or decrease the temperature as required.

The software continually updates to the latest version and can also provide:

- Service and maintenance reminders which will make sure that the performance levels of the system are maintained.
- Simple visual guide which allows the monitoring of what the system is doing.
- Instant feedback for energy monitoring. Receive an immediate alert if the system is not achieving the expected efficiency.
- Peace of mind knowing that an installer will be able to access the system remotely and rectify any issues through the installation support dashboard. This removes the organisation of, and waiting time, for an engineer to visit the property.



Thanks to FHP Cloud we can optimise energy consumption, reduce costs, and create the perfect level of comfort for the home.



Heat Pump	Output (kW) -2/50	Dimensions (mm) H x D x W	Efficiency@ 35°C 50°C	Weight (kg)	Sound Pressure*
MHC-V4	4.2	792 x 400 x 1295	466% 356%	98	45
MHC-V6	5.7	792 x 400 x 1295	477% 372%	98	47.5
MHC-V8	7.3	945 x 410 x 1385	503% 367%	121	48.5
MHC-V10	8	945 x 410 x 1385	503% 378%	121	50.5
MHC-V12	11	945 x 410 x 1385	467% 368%	144	53
MHC-V14	11.4	945 x 410 x 1385	458% 364%	144	54
MHC-V16	13	945 x 410 x 1385	449% 359%	144	58

*Sound pressure level is measured at a position 1m in front of the unit and (1+H)/2m (where H is the height of the unit) above the floor in a semi-anechoic chamber. During in-situ operation, sound pressure levels may be higher as a result of ambient noise.



MHC-V4 & MHC-V6



MHC-V8 - MHC-V16

COMPANY DETAILS: