

Domestic hot water heat pump NIBE MT-WH21

NIBE MT-WH21 produce hot water for a household by recycling up to 70% of the energy from the air. At the same time, you can get rid of humidity from the bathroom or kitchen, resulting in cleaner air and a better indoor climate.

NIBE MT-WH21 is tested Best in Class with an outstanding COP of 3.57 according to EN 16147.

You can adjust MT-WH21 to cater exactly for your specific needs. The many options include combining it with solar heating or floor heating*, or using it as a cooling agent in summer. You can access all the main operational modes, functions, set points, and information on the unit. The control panel is user-friendly, and the settings include operational modes such as AUTO, ECO, BOOST, SILENT and HOLIDAY.

*only FS models

- Up to as much as 70 % of the heat energy required to warm up water for a household can be recycled from the air. Can use outdoor air, ambient air or exhaust air as energy source
- High efficiency domestic hot water heat pump
- Easy to install, for example in the basement or utility room



Specifications NIBE MT-WH21

| Type | | MT-WH21-019-F/FS | MT-WH21-026-F/FS |
|---|-------|------------------|------------------|
| Energy efficiency class / EN16147 tapping class | | A+/L | A+ / L or XL |
| COP (EN16147) at Air 7°C and Water 10 – 52.9°C | | 3.57 | 3.69 |
| Water tank volume | litre | 190 | 260 |
| Maximum water temperature in tank | °C | 90 | |
| Supply voltage | V | 230V NAC 50Hz | |
| Required fuse size | A | 10 | |
| Supplementary electrical heater | W | 1500 | |
| Maximum compressor power | W | 600 | |
| Max. water temperature (heat pump only) | °C | 60 | |
| Max. water temperature (heat pump and immersion heater) | °C | 65 | |
| Air flow range | m³/h | 70 – 800 | |
| Temperature range for compressor operation | °C | –7 – +40 | |
| Maximum sound power level according to ISO 12102 | dB(A) | 49 | |
| Maximum water pressure | MPa | 0,6 | |
| Weight (dry/wet) | kg | 94/284 | 120/370 |
| Height/Diameter | mm | 1610/Ø603 | 1960/Ø603 |

Comfort through connectivity

We always strive to maximize the outcome of every product carrying the NIBE name while focusing on the system as a whole through connectivity. This way, we can offer you a wide range of smart and highly efficient products that can cool, heat, ventilate and supply your home with hot water. By harvesting power from nature, you can create the perfect indoor climate and enjoy the comforts of your home with minimal impact on the environment. To us, that's what really matters.

It's in our nature.



The product's efficiency class and tap profile for hot water.

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