

ADVANCE

# HPI-M

MONOBLOC HEAT PUMP

MONOBLOC INVERTER



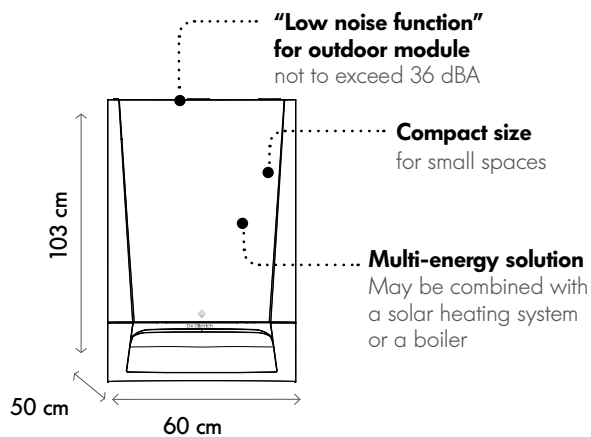
# AIR, SOURCE OF COMFORT

## ALL YEAR ROUND



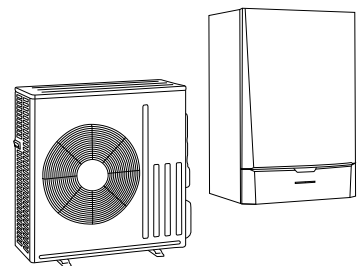
- Environmentally friendly, thanks to clean, **renewable energy consumption**.
- **Silent product**, offering maximum discretion with a sound level of just 36 dB[A], equivalent to the background noise in your home.
- Start-up current limitation and better stability of the room temperature thanks to the **INVERTER technology**.
- **All-season comfort** with heating in winter and cooling in the summer.
- Can be used for all installation configurations thanks to its **multi-circuit system** (heating, domestic hot water, cooling, swimming pool, etc.).
- Ever responsive to your needs, it adapts the heating to the nearest degree, thanks to the **connected room thermostat** and outdoor temperature sensor.
- Equipped with the intuitive and ergonomic control platform, **Diematic Evolution**.
- **Connected, with remote actuation through APP** for better control of both your comfort and your consumption.

### MODEL



MIT-M Indoor module

### Heating and cooling



HPI-M

**AN INNOVATIVE  
ECO-FRIENDLY TECHNOLOGY**

**Silent product,  
maximum discretion**

.....

**Reduced energy bill  
with tracking of consumption**

.....

**Heating in winter,  
cooling in summer**



## HIGH PERFORMANCE FOR COMFORT



- The HPI-M is a **silent system** offering maximum discretion with a sound level of just 36 dB(A), equivalent to the background noise in your home.
- **New summer comfort compared** to an older installation with boiler thanks to features such its reversible function for underfloor cooling (air conditioning using convection fans also available).
- The **multi-circuit** version can be used for all of the installation's different configurations (heating, domestic hot water, cooling, swimming pool, etc.).



## FOCUS ON SAVINGS



- Get higher savings with the **Multi-energy solution** featuring the built-in hybrid function.
- **INVERTER system** which adapts the output to requirements for savings of 30% compared to a traditional heat pump.
- **Save up to 70% on energy bills** compared to an all-electric heating solution.
- **Reduction on your bill** thanks to our high coefficients of performance (SCOP), which are above 4 (for 1 kW of energy consumed, the heat pump returns 4 kW of heating energy).

## OUR PATENTED TECHNOLOGY AT YOUR SERVICE

Increased performance and efficiency thanks to our **built-in patented 40 L low-loss header with vortex effect:**

- Works with all existing heating networks.
- Helps the installation to run smoothly.
- Extends the service life of the installation.
- Additional store of energy in case defrosting is required.
- Allows a back-up boiler to be connected

### INTEGRATED DECOUPLING CYLINDER PATENTED WITH VORTEX EFFECT

Increase the performances



## DISCOVER THE NEW CONTROL PLATFORM: DIEMATIC EVOLUTION

### SIMPLE AND INTUITIVE

- Intuitive navigation: new control ergonomics.
- Perfect legibility: high resolution colour screen, clear text.
- Instant overview: all the information on the home screen, selected with the rotary button.

### ADVANCED FUNCTIONS

- Analysis of the situation, clear simple overview for everyday use.
- Access reserved for the installer.
- Integrated troubleshooting system.
- Multizone management of heating as standard for enhanced comfort.

### REMOTE CONTROL AND CONNECTIVITY

- Using Wi-Fi wherever you are.
- Compatible with the Smart TC° connected room thermostat (option).



Diematic  
Evolution  
control

## COMPATIBLE WITH SMART TC° CONTROL



IFTTT

### FOR MORE COMFORT AND SAVINGS

Thanks to its associated application you will be able to access the following functionalities:

- Remote management of heating, domestic hot water and cooling,
- Intuitive handling,
- Programming management according to your needs,
- Precise temperature control,
- Quick setup: user help, advanced options,
- Maintenance of your installation made easy thanks to remote, secured, on-demand access, by your installer,
- Malfunction alert directly to your smartphone.



# YOUR HEATING PROJECT

MODEL	HPI-M	6 MR	8 MR	11 MR
<b>SEASONAL PERFORMANCE</b>				
Energy efficiency class (SEE) (heating) (35 °C)				
Energy efficiency class (SEE) (heating) (55 °C)				
SCOP (35 °C/55 °C)		<b>4,67/3,30</b>	<b>4,35/3,50</b>	<b>4,34/3,40</b>
Seasonal space heating energy efficiency under average temperature (35°C/55°C)*	%	<b>184/129</b>	<b>171/137</b>	<b>170/133</b>
Seasonal space heating energy efficiency under average temperature (35°C/55°C) (with outdoor sensor supplied as standard)	%	<b>186/131</b>	<b>173/139</b>	<b>172/135</b>
<b>CERTIFIED THERMAL PERFORMANCE</b>				
Heat output at +7 °C/+35 °C (I)	<b>kW</b>	<b>6,00</b>	<b>9,00</b>	<b>11,20</b>
Heating COP at +7 °C/+35 °C (I)		<b>4,83</b>	<b>4,51</b>	<b>4,64</b>
Heat output at -7 °C/+35 °C (II)	<b>kW</b>	<b>6,00</b>	<b>7,50</b>	<b>9,00</b>
Heating COP at -7 °C/+35 °C (II)		<b>3,11</b>	<b>2,69</b>	<b>3,27</b>
<b>TECHNICAL SPECIFICATIONS</b>				
Outdoor module perceived sound level (2)	<b>dB[A]</b>	<b>36</b>	<b>36</b>	<b>38</b>
Indoor module perceived sound level (2)	<b>dB[A]</b>	<b>35</b>	<b>43</b>	<b>43</b>
Cooling COP (EER) +35 °C/+18 °C (3)	<b>kW</b>	<b>6,00</b>	<b>7,50</b>	<b>10,00</b>
CO <sub>2</sub> equivalent	<b>tonne</b>	<b>5,01</b>		<b>6,89</b>
Weight empty outdoor unit	<b>kg</b>	<b>97</b>	<b>97</b>	<b>118</b>
Weight empty indoor unit /H - /E	<b>kg</b>	<b>50 - 57</b>	<b>50 - 57</b>	<b>50 - 57</b>

\*Values certified according directives n°813/2013

\*\*Max height difference 30 m for all models

(I) Heating mode: outside air temperature/water temperature at outlet, performance in accordance with EN 14511-2

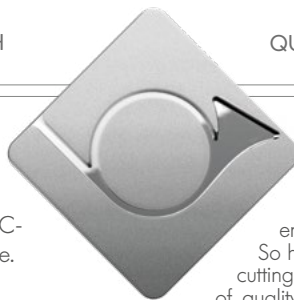
(2) At 1 m in a free field (5 m for the outdoor unit) (3) Draw-off cycle M in accordance with EN 16147

(3) Cooling mode: outside air temperature/water temperature at outlet, performance in accordance with EN 14511-2

DE DIETRICH, A FRENCH

QUALITY MARK SINCE 1684

100% French manufacturing of heat pump indoor modules. The international heat pump R&D centre is based in Mertzwiller, France. Since 2015, De Dietrich has had the 1st manufacturer COFRAC-accredited thermal and acoustic laboratory in Europe.



For 3 centuries, De Dietrich has based its success on real values: quality, reliability, sustainability. For the sake of the environment, and your comfort, De Dietrich has incorporated fully all the renewable energies available from multiple, planet-protecting sources. So heating appliances with the De Dietrich brand are at the cutting edge of innovation, made to exceptional standards of quality and durability through the involvement of the whole workforce since more than 300 years.

Your installer

**De Dietrich**

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