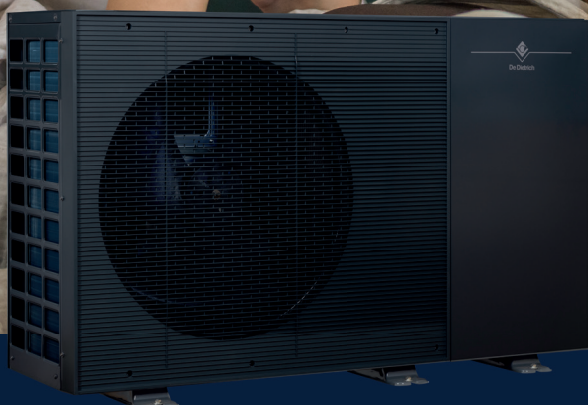


ALEZIO M MAX R290

Air/water monobloc heat pump



Innovative monobloc technology

De Dietrich 

ALEZIO M MAX R290

Performance in all configurations

Performance

thanks to its innovative technology



- Operating with **R290 natural refrigerant**, our **ALEZIO M MAX R290** heat pump represents the future of heating.



- Highly efficient, propane provides **better performance** and allows you to keep your existing radiators.



- Coefficients of performance (**COP**) **up to 5.17**: for every 1 kW of energy consumed, the heat pump delivers 5.17 kW of heating energy.



- The inverter system adjusts the power output according to demand and offers savings compared to an all-electric heating solution.

- High temperature water outlet: **up to 75°C**.

- Even with low temperatures, **ALEZIO M MAX R290 offer high performance**.

- **Very quiet** heat pumps so as not to disturb you or your neighbours, up to 26 dB(A).

- The outdoor module remains **very compact** with low dimensions, **modern** and **aesthetically** pleasing thanks to its dark grey colour.



Well known and improved
over the year technology



Increased performance and efficiency thanks to our **built-in patented 40 L buffer 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 storage of energy in case defrosting is required.
- Allows a back-up boiler for hybride.



Up to:



**Ideal for renovation projects
(boiler replacement)**

**High efficiency even in very
cold weather**

**Silent heat pump for greater
comfort**

A choice to suit your project

for your heating system

You replace

A 100% heat pump solution



- Choose **only one energy source** and significantly **reduce your CO2 emissions**
- Benefit from its **integrated** up to 12 kW **electrical back-up**
- Take advantage of its compatibility with **underfloor heating** and/or **radiators**: the second circuit can be integrated into the indoor module.

You hybridise

Heat pump and boiler solution



- Reduce your **CO2 emissions**
- Maintain the **efficiency** and **comfort** of your heating and domestic hot water
- Choose the **cheapest** energy at any time
- Be prepared for the **unexpected** with a **choice** of two generators.

You combine

Heat pump and solar system solution



- Significantly **reduce** the **CO2 emissions**
- **Generate a large portion** of your energy with solar panels
- Cover your **domestic hot water** needs with **free energy**
- Let yourself be carried away by the **performance** of the heat pump and **significantly reduce your heating bills**.

Compatible

with our domestic hot water tanks and the optional hydraulic kit



The **ALEZIO M MAX R290** heat pump can also produce **your hot water**, as it is compatible with our **domestic hot water tanks**.

BEPC 300



UNO



The **optional hydraulic kit** enables high-quality installation with a neat finish.



The success of simplicity with our control unit

Diematic Evolution

Simple and intuitive

- Intuitive navigation and 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.

Remote control and connectivity

- Using Wi-Fi wherever you are.
- Compatible with the Smart CDI connected room thermostat (option).
- Compatible with our applications De Dietrich Start and De Dietrich Pro.



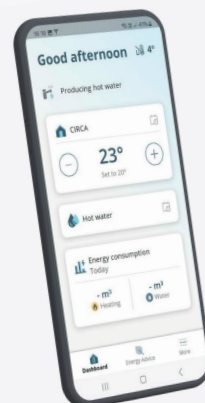
Compatible with the SMART CDI intelligent room thermostat

remote heating control for greater comfort and savings



Unlock remote functionality with our **SMART CDI** thermostat and the free **De Dietrich SMART** app:

- Efficiently manage one or **multiple heating zones**.
- Tailor customised operating schedules for your heating system.
- Easily adjust temperature settings and hot water programs.
- Keep track of energy consumption **for optimized usage**.
- Receive real-time alerts directly on your smartphone, to warn you of any operational irregularities.





R290, the innovative solution for complete comfort for a more sustainable future



- Operating with **R290 natural refrigerant**, our **ALEZIO M MAX R290** heat pump represents the future of heating.
- In order to anticipate **future regulations** concerning refrigerants, we wish to **offer new ranges of heat pumps with a very low impact on global warming**.
- R290 is the **most suitable refrigerant** for our new ambitions because it has no impact on the ozone layer and **a very low greenhouse effect** compared to more conventional refrigerants such as R410A (**700 times** more emissive) and R32 (**300 times** more emissive).
- Enjoy the durability of ALEZIO M MAX R290 thanks to its design featuring **high-quality components**.

Your heating project

Let us guide you according to your needs

Models

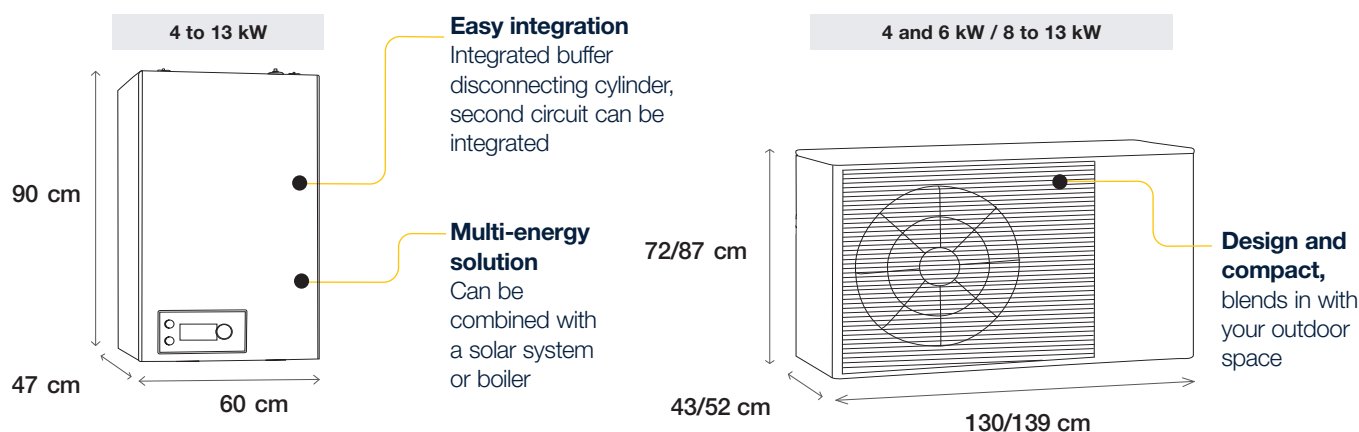


ALEZIO M MAX R290		4 KW	6 KW	8 KW	11 KW	13 KW
Energy efficiency class		A+++ A+++			A+++ A++	
Useful output ⁽¹⁾	kW	4,40	6,26	8,50	11,50	13,50
Heating COP ⁽¹⁾		5,17	4,89	4,98	4,85	4,60
Seasonal space heating energy efficiency (35°C)	%	211	207	205	189	185
Power supply		single-phase			single-phase and three-phase	
Back-up		electric or hydraulic				
Indoor module	kg	58				
Outdoor module sound level ⁽²⁾	dB[A]	26		27	30	
Outdoor module without charge	kg	94		121,5	139,5	

(1) Heating mode: outside air temperature (+7°C)/water temperature at outlet (+35°C), performance in accordance with EN 14511-2

(2) At 1 m in a free field (5 m for the outdoor unit)

Dimensions



Your installer



BDR THERMEA FRANCE

S.A.S. with corporate capital of 229 288 696 €

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RCS STRASBOURG 833 457 211

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De Dietrich

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