

ALEZIO M R290 & ALEZIO M COMPACT R290

Reversible high-temperature
monobloc air/water heat pumps



Heat pumps designed for the future

Efficiency in your projects

comfort, performance and adaptability

Comfort and efficiency

thanks to a natural refrigerant



- Operating with **R290 natural refrigerant**, our **ALEZIO M R290** and **ALEZIO M COMPACT R290** heat pumps represent the future of heating.



- **ALEZIO M COMPACT R290** combines heating and **domestic hot water** thanks to its **180L tank**.



- 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.
- High temperature water outlet: **up to 75°C**.
- Even with low temperatures, **ALEZIO M R290** and **ALEZIO M COMPACT R290** offer **high performance**.



- **Very quiet** heat pumps so as not to disturb you or your neighbours.



- The outdoor module remains **very compact** with low dimensions, **modern** and **aesthetically** pleasing thanks to its grey colour. The entire range is single-fan.

Why R290?



- 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).



The success of simplicity

with our regulation

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 RF connected room thermostat (in option).
- Compatible with our applications De Dietrich Start and De Dietrich Pro.

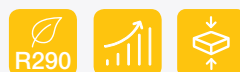
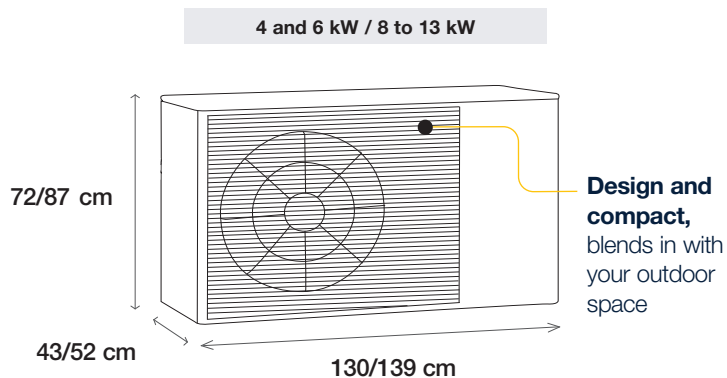
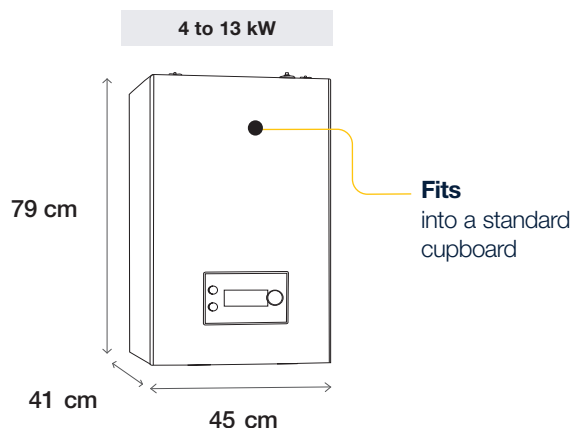


Alezio M R290

robust and discreet

A wall-hung range

that fits easily into your home



Ideal for renovation projects to replace a boiler

High efficiency even in very cold weather

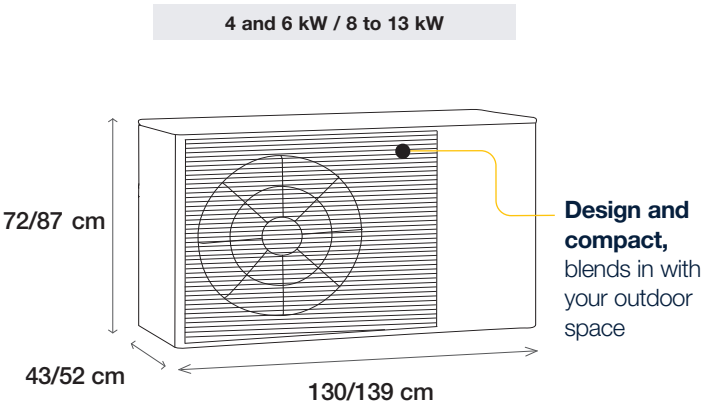
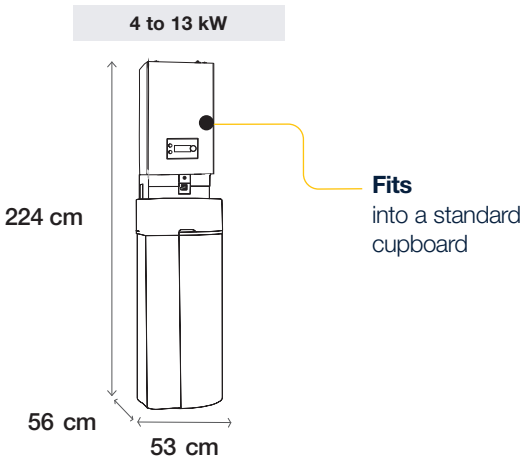
Indoor module as compact as a wall-hung boiler

Alezio M Compact R290

domestic hot water for the whole family

An optimised range

to provide you abundant domestic hot water



Great comfort in domestic hot water for the whole family

High efficiency even in very cold weather

Compatible with underfloor heating, cooling and radiators

Reduced column version that fits into a standard 60 cm cupboard



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 6 kW electrical back-up**
- Take advantage of its compatibility with **underfloor heating** and/or **radiators**.
- Discover its **compactness**
- Replace your boiler and water heater with ALEZIO M COMPACT R290, our **2-in-1 solution** will take the place of your old appliances without any hassle.

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**.

Your heating project

Let us guide you according to your needs

Models

ALEZIO M R290



ALEZIO M 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)	%	210	206	205	188	185
Power supply		single-phase			single-phase and three-phase	
Back-up		electric or hydraulic				
Indoor module	kg	32				
Outdoor module sound level ⁽²⁾	dB[A]	26		27	30	
Outdoor module without charge	kg	94		121,5	139,5	

ALEZIO M COMPACT R290



ALEZIO M COMPACT R290		4 kW		6 kW		8 kW		11 kW		13 kW			
Energy efficiency class		 A+++		 A+++		 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)	%	210		206		205		188		185			
DHW COP		2,77		2,88		2,58		2,50		2,43			
Water volume available at 40°C	L	257,2		255,3		259,3		261		261			
Power supply		single-phase						single-phase and three-phase					
Back-up		electric											
Indoor module	kg	133,5											
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)

Your installer



BDR THERMEA FRANCE

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

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De Dietrich

