

VIVADENS MCR

Wall-hung gas condensing boiler



Because you deserve the best

De Dietrich

VIVADENS MCR,

experience the best

Smart pillars for your comfort



- **Cost-efficient:** save money, extend the service life of your boiler and maximise efficiency thanks to a 10-100% modulation.



- **Silent:** enjoy the silent operation of Vivadens MCR which features a compact design and enhanced soundproofing.



- **Universal:** can be tailored to your specific needs thanks to a comprehensive range of options, designed to meet to every installation requirement.



- **Smart:** control your boiler seamlessly using the E-pilot, an intuitive user interface designed to sync easily with the SMART TC° - SMART CDI with GTW-IOT room thermostat, which connects to Wi-Fi for remote management via a smartphone or tablet.



Compact and discreet

**Quality components for reliability
and durability**

**Energy savings thanks to wide
modulation range (up to 1:10)**

Easy and quick installation

Smart key quality elements

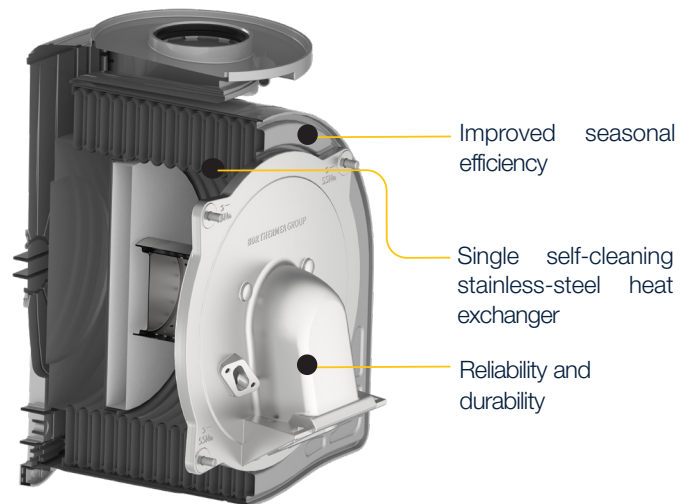


Vivadens MCR is reliable thanks to its quality components:

- The **modulating connected pump** provides the boiler controller with detailed insights into the hydraulic behaviour of the system, the efficiency and performance of the pump. The modulating pump facilitates diagnostics and necessary adjustments to ensure optimal operation.
- The **brass hydraulic modules** is equipped with integrated sensors for monitoring the system pressure, the domestic hot water temperature and the flow rate. Whether you have a Combi boiler (with an integrated stainless steel plate-to-plate heat exchanger) or a BIC boiler (with an internal cylinder), or a System boiler with an external cylinder, the module offers a built-in 3-way diverter valve to manage the DHW production.
- A **pressure relief valve** and an automatic air vent ensure safety, long-lasting reliability, and durability, with no additional installation needed outside the boiler.



- Coupled with proven technology, the high-efficiency **mono coil stainless steel boiler heat exchanger** offers easy access to the combustion chamber, ensuring durability and an extended service life. **Single self-cleaning stainless-steel coil**: the water passages cut down deposits and simplify maintenance



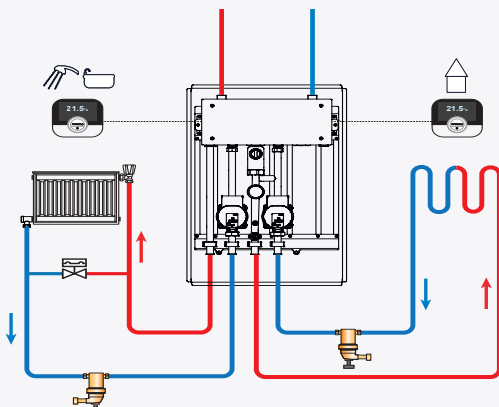
- The **plug-and-play connector** provides quick, reliable and professional installation.



Plug and Play connector

Smart expansion to suit your needs

- Optimize your control system with the built-in Plug & Play function.
- Our Vivadens MCR combined with our pre-wired hydraulic modules enables two circuits management.
- This combination ensures maximum functionality within the smallest footprint, making our boiler most discreet and efficient.



ALEZIO M R290

Think hybrid!



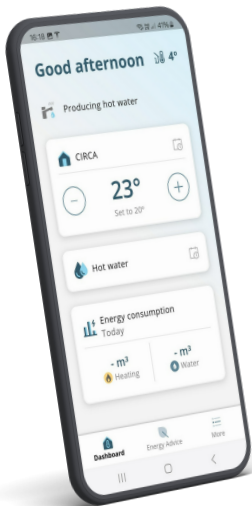
Reduce your CO₂ emissions up to 70% and gain energy independence.

A hybrid system that integrates a boiler and heat pump provides **enhanced performance** and substantial **energy savings**.



Compatible with the SMART TC° - SMART CDI intelligent room thermostats

remote heating control for greater comfort and savings



Unlock remote functionality with our thermostats 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.



Enhance your installation with the intelligent SMART TC° - SMART CDI + GTW IOT intelligent room sensors using the cloud-based outside temperature, or an external sensor, elevating the seasonal space heating energy efficiency class of your system to A+.

E-Pilot control

simple and intuitive

- A clear comprehensive text display, in your language
- Easy access to all boiler control parameters
- Electronic pressure control in the installation
- Zone- and error information is available via the main screen
- By adding required accessories, E-Pilot is able to manage up to 3 mixing zones.
- Compatible with our De Dietrich START and De Dietrich PRO App.
- Room thermostat improves overall usage. It allows system monitoring and maintenance. It anticipates and increases the efficiency of the system taking into account the indoor and outdoor temperature.
- Compatible with the Smart TC° connected room thermostat (in option) or with SMART CDI / SMART CDI RF + GTW-IOT. GTW-IOT is required to be connected.

Control
E-pilot



**SMART CDI
SMART CDI RF
room thermostats
(option)**

Can be installed anywhere



Smart solutions to simplify installation work



- Our **Gas Adaptive Control** system **ensures enhanced performance** and an improved modulation range. Combustion control offers optimum efficiency even under variable gas and air quality conditions.



- With the optional cloud connected **SMART TC°** or **SMART CDI + GTW-IOT room sensors**, there is no need to wire a physical outdoor temperature sensor. This **reduces the installation time and related costs**, whilst achieving a Seasonal space heating energy efficiency class for your system of A+.



- A **mounting frame**, with water and gas fittings, **is available as accessory** for seamless and professional installation.



- The **brass hydroblock** guarantees **prolonged durability**. De Dietrich has distinguished itself by its high quality for decades, using only top-quality components.



- **E-Pilot intuitive and easy to use interface**. Access all boiler parameters effortlessly with control panel E-Pilot.



- **Multi-zone management**, up to 3 mixing zones, possible thanks to the optional expansion card or a «Plug&Play» pre-equipped solution.



- The Vivadens MCR adjusts its power to meet your comfort needs, providing a stable temperature. With up to 1:10 modulation, it reduces boiler cycles **improving system efficiency and allowing significant energy savings**.

Your heating project

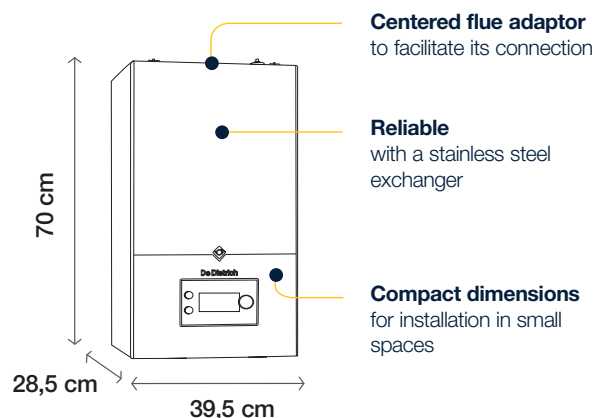
Let us guide you according to your needs



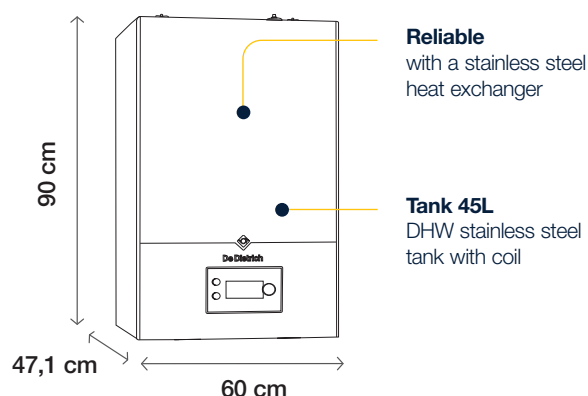
MODELS		24	32	24/29 MI	32/35 MI	24-32/BMR 80	24-32/SRB 130	24/35 BIC
Energy efficiency class								
Generator type		Heating	Heating	Heating and micro-accumulated DHW	Heating and micro-accumulated DHW	With DHW tank 80L	With DHW tank 130L	Heating and DHW integrated tank 45L
Useful output (P _n) 80/60°C heating mode	kW	2,9 / 24	3,4 / 32	2,9 / 24	3,4 / 32	24/32	24/32	3,5 / 24
Domestic hot water production ΔT = 35 °C	L/min	-	-	11,9	13,9	16,5	20	14,3
Net weight	kg	28,5	28,5	28,5	29,2	42,5	60,6	58

Dimensions

VIVADENS MCR



VIVADENS MCR BIC



Your installer



BDR THERMEA FRANCE

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

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De Dietrich

