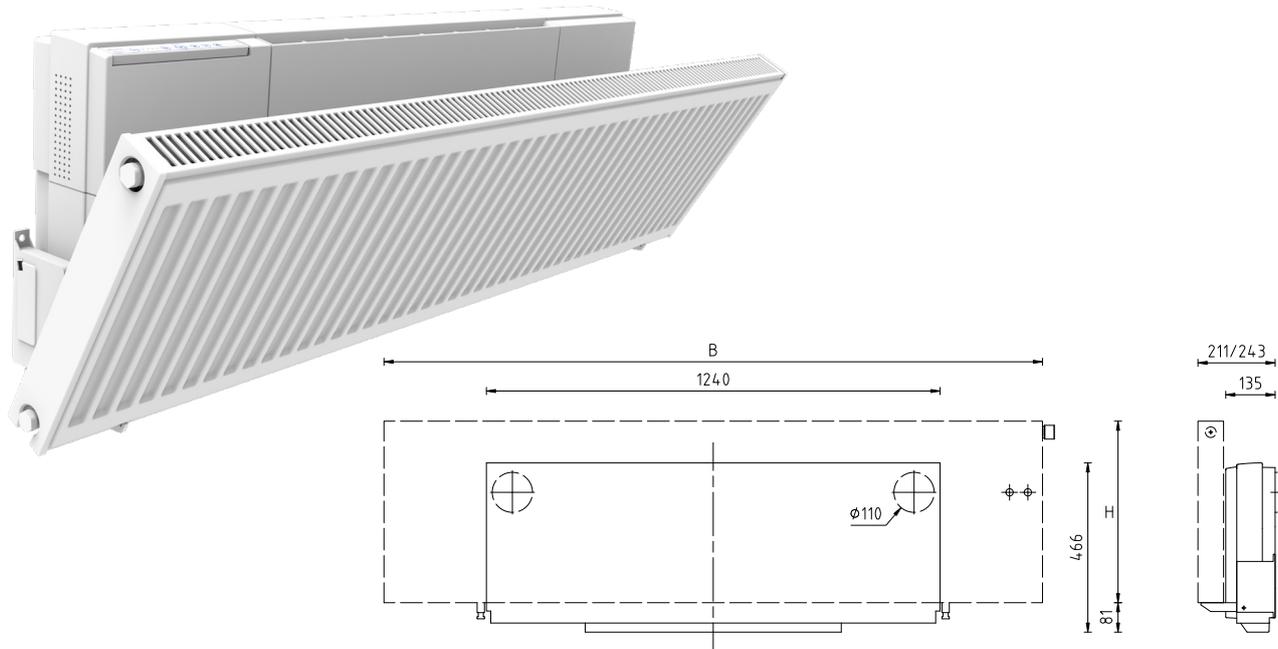


# ClimaRad 2.0

The ClimaRad 2.0 is a very innovative ventilation unit with a built-in heat exchanger and sensors for CO<sub>2</sub>, humidity, and the indoor and outdoor temperature. The (WTW) ventilation unit is 'hidden' behind a tilting radiator and takes up very little space. The ClimaRad 2.0 provides ventilation and heating for each room and is mounted on an outside wall. The supply and discharge of air takes place directly through the façade, whereby the supplied air is preheated.

*This WTW unit is also available with Modbus module.*



*The width, height and depth depend on the type of radiator*

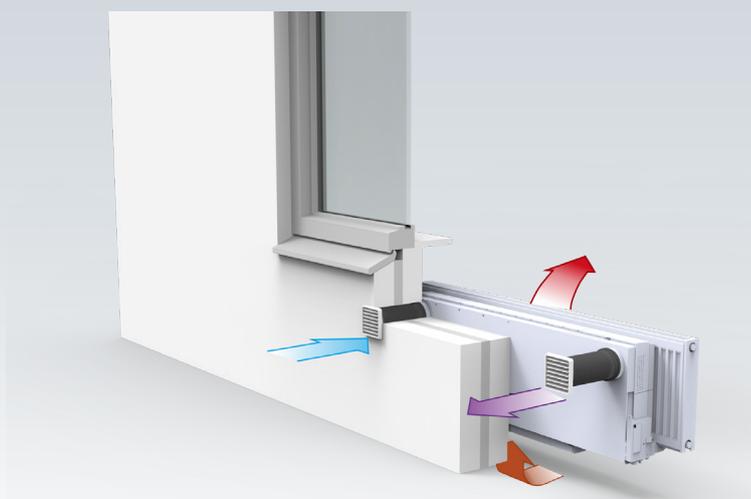
## ClimaRad 2.0

Dimensions:	1240x466x135 mm (wxhxd)
Connections:	2 x Ø 110 mm
Air flow (max):	125 m <sup>3</sup> /h
Sensors:	CO <sub>2</sub> , RH, RF (demand-controlled)
Connected power:	65 W (230 VAC/50Hz)
Electrical protection class:	Class II (double insulated)
Specific power input (SPI):	0,12 W/(m <sup>3</sup> /h)
Standby consumption:	0,5 W
Heat exchanger:	Counter flow is up to 90% efficient
Valves:	Automatically closing valves for inlet and outlet
Air filters:	ePM10-70%
Energy label:	A+
Weight:	19 kg

## Range and outputs (75/65/200C EN442) ClimaRad 2.0 Radiators

Width in mm (W)	Height 400 mm (H)		Height 500 mm (H)	
	Type 21s	Type 22	Type 21s	Type 22
1500	1.445 W		1.734 W	
1800	1.733 W		2.081 W	
2200	2.119 W	2.686 W	2.543 W	3.234 W
2400	2.311 W	2.930 W	2.774 W	3.528 W
2800	2.696 W		3.237 W	

## The operating principle



### The advantages:

- Minimum height of parapet is 520 mm
- CO<sub>2</sub>- and RH control
- Filters, ePM10-70%
- Heat exchanger return up to 90%
- To be used in large living rooms (subject to the attestation of equivalence of the TNO)
- Automatically closing valves guarantee a draft-free ventilation (also for high constructions)
- Optional integrated Modbus module for inclusion in a Building Management System

**ClimaRad**<sup>®</sup>

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