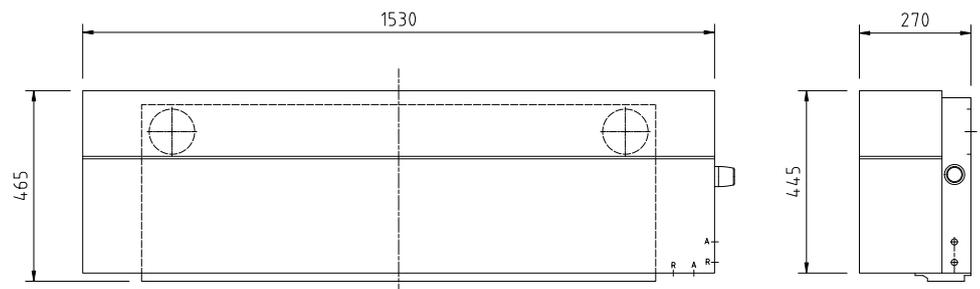
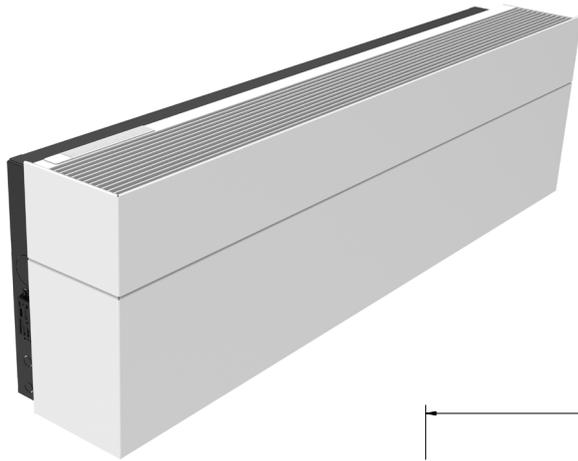


ClimaRad Vita H1C

The new ClimaRad Vita H1C ventilation unit with convector for active heating and cooling is specially designed for low temperature heating systems in residential buildings. This unit has a built-in heat exchanger and various sensors to measure the air quality. At the front of the ventilation unit, a convector is placed including additional fans (four fan cassette). The ClimaRad Vita H1C provides ventilation, heating and cooling per room and is installed against an external wall for direct supply and extraction of air. The unit can be linked to the thermostat in the room.

This WTW unit is also available with Modbus module.



ClimaRad Vita H1C

Dimensions:	1530x465x270 mm (wxhxd)
Connections:	2 x Ø 110 mm
Ventilation output (max.):	125 m ³ /h
Sensors:	CO ₂ (demand controlled), RV, RF, Tbi, Tbui, Twater
Connected power load:	120 W (230 VAC/50Hz)
Electrical protection class:	Klasse II (double insulated)
Specific input power (SPI):	0,12 W/(m ³ /h)
Standby consumption:	0,5 W
Heat exchanger:	Counter-current to 90% yield
Valves:	Automatically closing valves for supply and output
Application in high-rise buildings:	Up to 60 meter
Air filters:	ePM10-70%
Energy label:	A+
Weight:	50 kg

Outputs integrated convector

	Number of Fan cassettes	ventilator speed		
		Normal	Medium	Boost
Heat outputs (Watt) by 55/45/20°C	1	1241	1382	1684
Cooling outputs (Watt) by 16/18/26°C	4	510	641	956

The operating principle



The advantages:

- Applicable with low parapets: minimum parapet height: 520 mm
- CO₂- and RH control
- Heat exchanger efficiency up to 90%
- Automatic closing valves guarantee draught-free ventilation (also for high-rise buildings)
- Optional integrated ClimaRad Modbus module for inclusion in Building Management System.

ClimaRad[®]

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View the [ClimaRad Solutions](#) for the residential, commercial and healthcare markets.