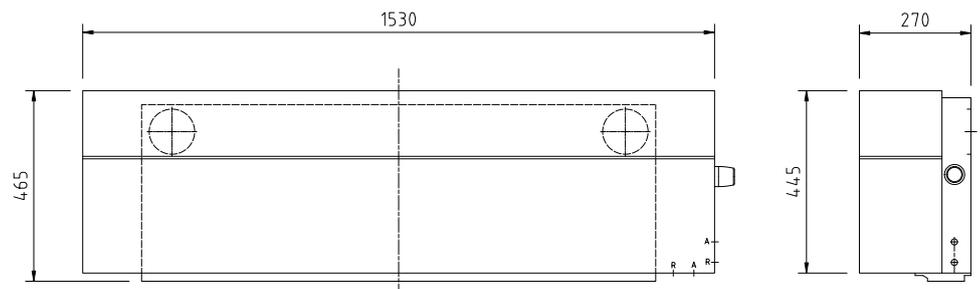
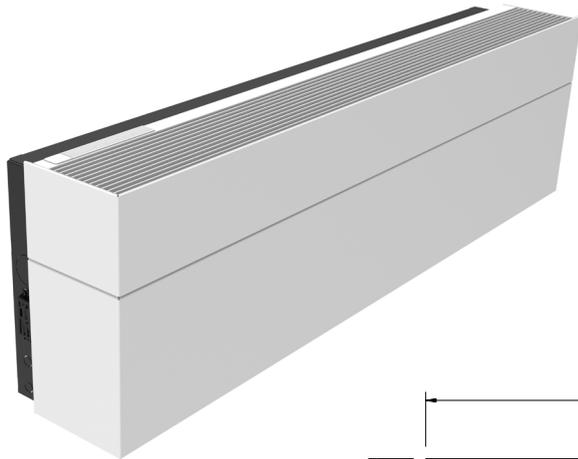


ClimaRad Vita H1C-S

The new ClimaRad Vita H1C-S ventilation unit with convector for active heating and cooling is specially designed for LTV 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, which can be expanded with up to three additional fan cassettes depending on the demand. The ClimaRad Vita H1C-S provides ventilation, heating and optional cooling per room and is installed against an external wall for direct supply and extraction. The unit is centrally controlled on the water side.

This WTW unit is also available with Modbus module.



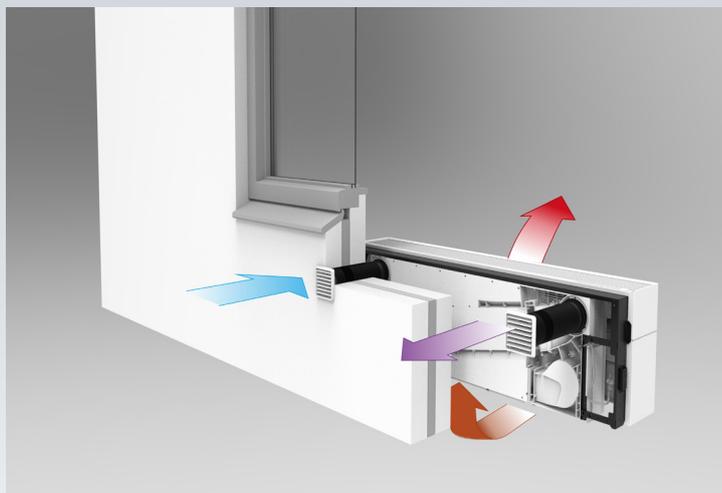
ClimaRad Vita H1C-S

| | |
|-------------------------------------|--|
| 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 |
| | 2 | 1873 | 2111 | 2674 |
| | 3 | 2345 | 2732 | 3491 |
| | 4 | 2761 | 3196 | 4161 |
| Heat outputs (Watt) by 35/30/20°C | 4 | 1151 | 1332 | 1734 |
| 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.