

# ClimaRad Ventura V1C-S

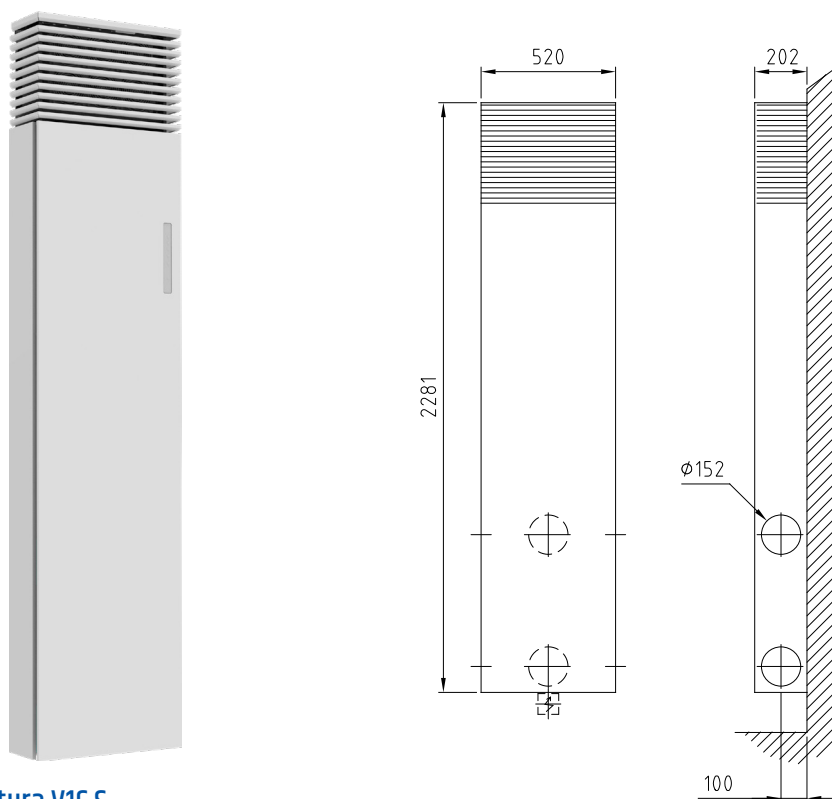
Available on request

This ventilation unit with heat recovery offers everything required to provide rooms with a healthy and comfortable indoor climate. The device is guaranteed to be applicable thanks to multiple connection options to the facade, is highly suitable for facades exposed to noise and can be structurally integrated.

The ClimaRad Ventura V1C-S consists of a ventilation unit equipped with convectors. This allows the unit to provide ventilation, heating and cooling for each room. The Ventura V1C-S was developed for the utility market, since the healthcare and business sector show an increasing demand for active cooling and (V)LT\* heating. The main advantage is that the device can provide heating and cooling at high speed compared to underfloor heating and cooling. The unit is centrally controlled on the water side.

\* VLT means 'very low temperature' heating.

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



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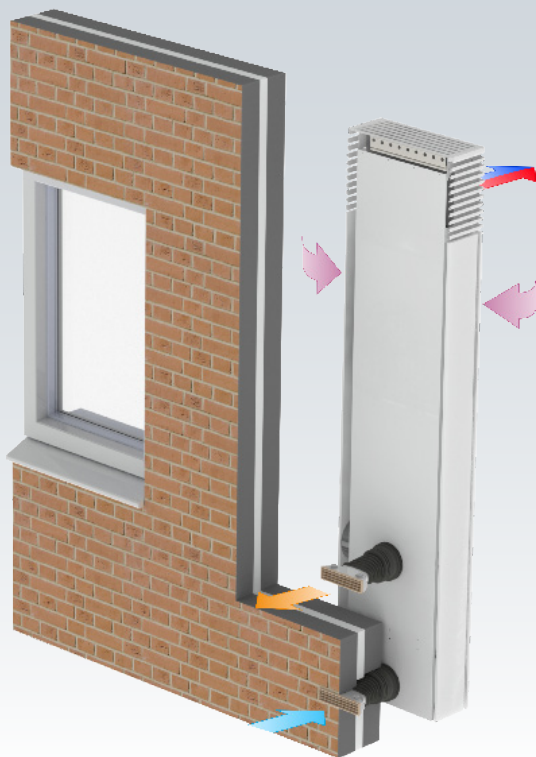
|                                     |                                                             |
|-------------------------------------|-------------------------------------------------------------|
| Dimensions:                         | 520x2281x202 mm (wxhxd)                                     |
| Connections:                        | 2x Ø 152 mm                                                 |
| Ventilation output:                 | 170 m³/h                                                    |
| Sensors:                            | CO2 (demand controlled), RV, RF, tempOut, tempIn, tempWater |
| Connected power load:               | 195 W (230 VAC/50Hz)                                        |
| Electrical protection class:        | Klasse I                                                    |
| Specific input power (SPI):         | 0,1 W/(m³/h)                                                |
| Standby consumption:                | < 1 W                                                       |
| Heat exchanger:                     | Counter-current to 90% yield                                |
| Valves:                             | Automatically closing valves for supply and output          |
| Application in high-rise buildings: | Up to 80 metres                                             |
| Air filters:                        | ePM10-70%                                                   |
| Energy label:                       | A+                                                          |
| Weight:                             | 60 kg                                                       |

## Outputs integrated convector

|                        |            | ventilator speed |        |       |
|------------------------|------------|------------------|--------|-------|
|                        |            | Normaal          | Medium | Boost |
| Heat outputs (Watt)    | 75/65/20°C | 3451             | 4559   | 6707  |
|                        | 55/45/20°C | 2070             | 2735   | 4024  |
|                        | 35/30/20°C | 863              | 1140   | 1677  |
| Cooling outputs (Watt) | 7/12/26°C* | 1361             | 1724   | 2329  |
|                        | 16/18/26°C | 742              | 940    | 1270  |

\* Condensate drain required

## The operating principle



### The advantages:

- 100% applicability thanks to connection options and no parapet required
- Possibility of heating and cooling at high speed
- Suitable for facades exposed to noise
- Draught-free ventilation guaranteed in high-rise buildings

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