

# Hoval

## RoofVent® RP TopVent® TP | MP | CP | SP

Indoor climate systems  
with decentralised heat pump

One contact partner | Stress-free | Versatile



Hoval | Responsibility for energy and environment

# RoofVent® RP ▪ TopVent® TP|MP|CP|SP

## In detail.

### Hoval indoor climate systems with decentralised heat pump

All of our Hoval indoor climate system unit types are available to you in combination with economical heat pumps. With the perfectly matched, modular system components, large halls can be efficiently ventilated, heated and cooled. Our Hoval indoor climate systems with heat pumps offer the following advantages:

- A single contact partner
- Compatible components mean less stress
- Versatile application

The modulating heat pumps with a nominal output of between 33 and 67 kW are continuously regulated in line with the weather so as to adapt to the heating or cooling load required in the building. This ensures a high level of comfort and reduces running costs through efficient operation.



RoofVent® RP with Belaria® VRF  
Supply and extract air handling units



TopVent® TP and MP with Belaria® VRF  
Recirculation and supply air units



TopVent® CP and SP with Belaria® VRF  
Recirculation and supply air units as roof units

### One point of contact for your entire indoor climate system

With Hoval indoor climate systems you receive all system components from a single source: the ventilation unit incl. air distribution, heat and cold generation system, and control system. This saves you having to spend time planning and coordinating with various contact partners.

### Pre-planned, tailored system components

Coordinating the various system components ex works minimises the amount of planning required. The heat pump output is matched exactly to the air flow rate of the ventilation units. The tailor-made TopTronic® C control system efficiently controls, regulates and monitors the separate system components, thus ensuring energy-saving operation.

### Fully flexible application

All Hoval indoor climate system unit types are available as modular units with heat pumps in three output sizes, resulting in a wide range of possible combinations for the most diverse areas of application. The decentralised units also allow different requirements to be met in one and the same hall. The units are simply divided into various control zones.

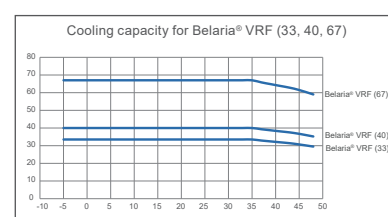
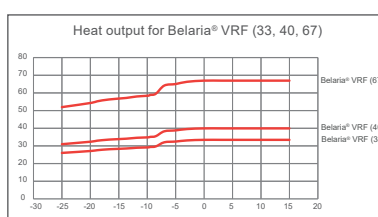


**Hoval Belaria® VRF (33, 40, 67):**  
Modulating heat pumps in 3 output sizes allow the indoor climate system to be optimally adjusted.

### Energy-efficient heat pump technology

The heat pumps used are evaporator coil systems. They transfer energy directly into the supply air flow in the ventilation unit, so there is no need for an intermediate circuit with additional heat exchangers and energy transfer media. This guarantees efficient energy transfer and saves on operating and investment costs.

The output of the heat pumps is continuously adjusted by inverter technology and steam-injection compressors deliver consistently high heat output and cooling capacities even at very low or high outdoor temperatures.



The Hoval indoor climate system heat pumps deliver consistently high heating and cooling capacities within a very wide temperature range.

### Standalone units mean excellent operational reliability

Each ventilation unit has its own heat pump unit and is therefore independent of a centralised heat and cold supply. If one unit fails or is unavailable – in the case of maintenance work or a malfunction – it can be temporarily compensated for by the other units, thus ensuring excellent operational reliability for the entire system.

#### Decentralised indoor climate units with Belaria® VRF heat pump



| Implementation           | RoofVent® RP      |           | TopVent® TP |           | TopVent® MP |           | TopVent® CP |           | TopVent® SP |           |      |
|--------------------------|-------------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|------|
|                          | RP-6              | RP-9      | TP-6        | TP-9      | MP-6        | MP-9      | CP-6        | CP-9      | SP-6        | SP-9      |      |
| Air flow rate            | m <sup>3</sup> /h | 5500      | 8000        | 6000      | 9000        | 6000      | 9000        | 6000      | 9000        | 6000      | 9000 |
| Heat output              | kW                | 33.5 / 40 | 67          | 33.5 / 40 | 67          | 33.5 / 40 | 67          | 33.5 / 40 | 67          | 33.5 / 40 | 67   |
| Cooling capacity (total) | kW                | 33.5 / 40 | 67          | 33.5 / 40 | 67          | 33.5 / 40 | 67          | 33.5 / 40 | 67          | 33.5 / 40 | 67   |
| Floor area covered       | m <sup>2</sup>    | 480       | 797         | 537       | 946         | 537       | 946         | 537       | 946         | 537       | 946  |

**Hoval quality.**  
You can count on us.

# Hoval

Hoval is one of the leading international companies for heating and indoor climate solutions. Drawing on more than 75 years of experience and benefiting from a close-knit team culture, the Hoval Group delivers exciting solutions and develops technically superior products. This leadership role requires a sense of responsibility for energy and the environment, which is expressed in an intelligent combination of different heating technologies and customised indoor climate solutions.

Hoval also provides personal consultations and comprehensive customer service. With around 2200 employees in 16 companies around the world, Hoval sees itself not as a conglomerate, but as a large family that thinks and acts globally. Hoval heating and indoor climate solutions are currently exported to more than 50 countries.

## Responsibility for energy and environment

Your Hoval partner

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