



**Hoval**

# Hoval TopVent® CH|CC|CHC|SH|SC|SHC

Roof ventilation units  
for undisturbed hall operation

Maintenance from outside | Optimum climate | Economical



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In detail.



## TopVent® Roof ventilation units for undisturbed hall operation

The new roof ventilation units were specially developed for the requirements of modern logistics, production or industrial halls.

- Maintenance from outside
- Optimum climate
- Economical

They enhance the tried-and-tested decentralised Hoval indoor climate systems in applications requiring **undisturbed hall operation** at a constant temperature. Service, maintenance and even installation can be carried out from the roof, so operation can continue in the hall without any disruption.

### Maintenance and installation from the roof

The units are installed on prefabricated roof frames and prepared roof bushings, and all of the installation work is carried out from the roof without requiring any access from inside the hall. The only work that needs to be done inside is establishing the hydraulic and electrical connections for the units.

All components that require maintenance can be accessed from the roof, which means that regular maintenance and service work can be carried out without affecting the infrastructure and work processes in the hall.

This reduces idle times for production machinery and makes it easier to plan maintenance work.

### Flexibility for the perfect indoor climate

The roof units expand the zone-based Hoval control concept, with different unit types combined together in a flexible manner. Defined operating modes make it possible to fulfil requirements regarding uniform temperatures and the outside air supply depending on operating times.

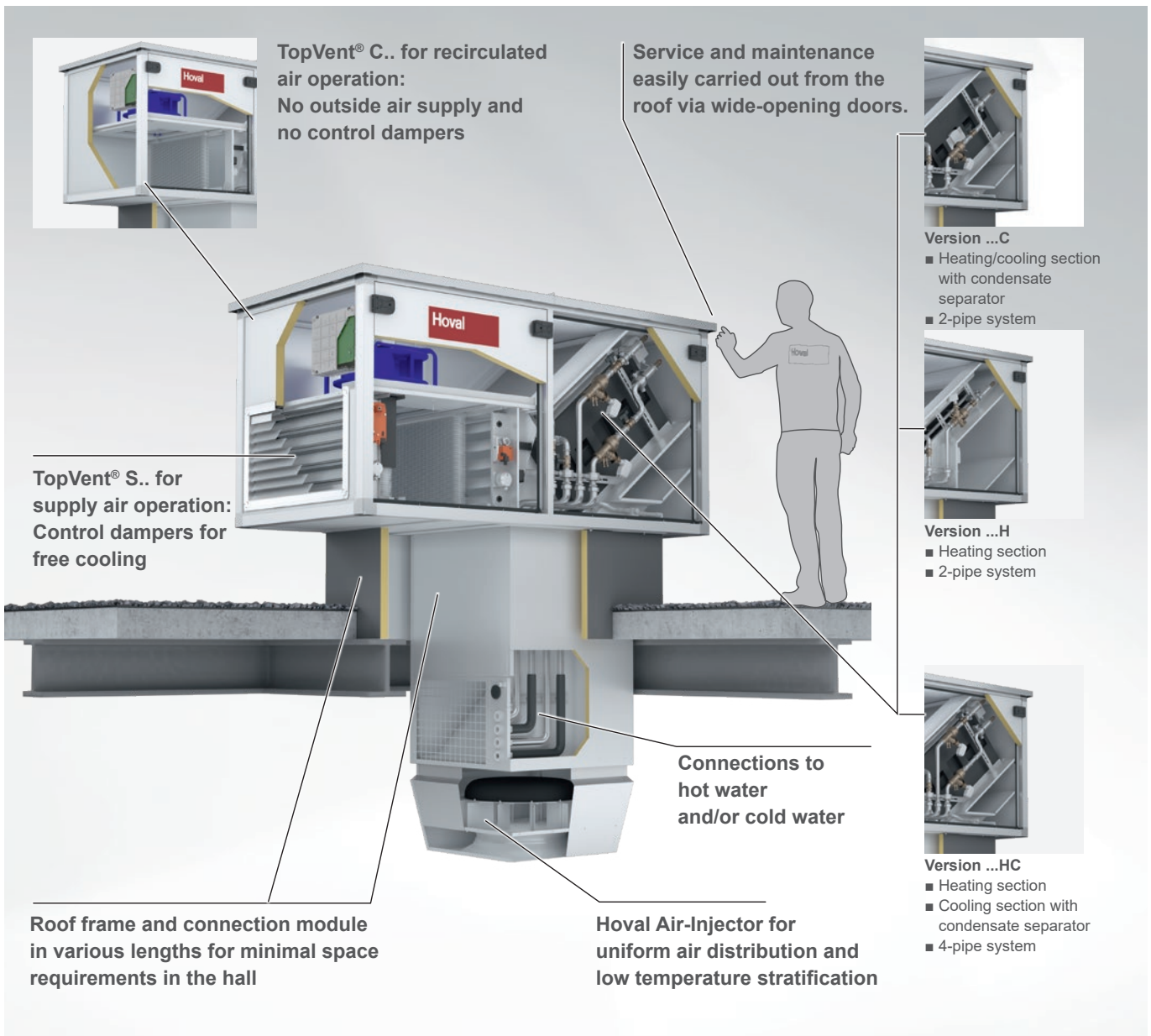
6 versions (for recirculated air/supply air, heating and/or cooling), each in 2 output sizes, cover all customer-specific requirements, allowing different areas of the hall to be heated or cooled and, if necessary, ventilated.

### Economical

The dimensions of the decentralised Hoval indoor climate systems can be adapted to the requirements in question. And by combining the operating modes of different units and employing optimised control functions, it is possible to ensure economical system operation. For example, outside air can be used for free heating and cooling as soon as the temperature ratio allows.

In addition, the tried-and-tested Hoval Air-Injector ensures optimum air distribution and low temperature stratification, all of which saves energy and operating costs.





TopVent®		Recirculated air						Supply air/recirculated air/mixed air					
		TopVent® CH		TopVent® CC		TopVent® CHC		TopVent® SH		TopVent® SC		TopVent® SHC	
		■ Heating		■ Heating ■ Cooling		■ Heating ■ Cooling		■ Heating		■ Heating ■ Cooling		■ Heating ■ Cooling	
		■ 2-pipe system		■ 2-pipe system		■ 4-pipe system		■ 2-pipe system		■ 2-pipe system		■ 4-pipe system	
		CH-6	CH-9	CC-6	CC-9	CHC-6	CHC-9	SH-6	SH-9	SC-6	SC-9	SHC-6	SHC-9
Air flow rate	m³/h	6000	9000	6000	9000	6000	9000	6000	9000	6000	9000	6000	9000
Heat output	kW	up to 76	up to 118	up to 76	up to 141	up to 76	up to 118	up to 78	up to 121	up to 78	up to 145	up to 78	up to 121
Cooling capacity (total)	kW	-	-	up to 44	up to 87	up to 44	up to 87	-	-	up to 34	up to 68	up to 34	up to 68
Operating distance	m x m	23 x 23	31 x 31	23 x 23	31 x 31	23 x 23	31 x 31	23 x 23	31 x 31	23 x 23	31 x 31	23 x 23	31 x 31

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

As a specialist in heating and climate technology, Hoval is your experienced partner for system solutions. For example, you can heat water with the sun's energy and your rooms with oil, gas, wood or a heat pump. Hoval ties together the various technologies and also integrates room ventilation into the system. So you can save energy while looking after the environment and your costs – and still enjoy the same level of comfort.

Hoval is one of the leading international companies for indoor climate solutions. More than 75 years of experience continuously motivate us to design innovative system solutions. We manufacture complete systems for heating, cooling and ventilation to more than 50 countries.

We take our responsibility for the environment seriously. Energy efficiency is at the heart of the heating and ventilation systems we design and develop.

## Responsibility for energy and environment

### Germany

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Your Hoval partner