

Market leader Krivan with 20% higher air flow rate

Crossflow plate heat exchanger now suitable for air flow rates of up to 100 000 m³/h

The Hoval Krivan plate heat exchanger is designed for installation in ventilation and air conditioning units and is more efficient than any other crossflow plate heat exchanger. The energy recovery unit is available in different sizes for air flow rates from approximately 200 m³/h. Hoval's successful market leader is now available in 4-block solutions, allowing it to be used with air flow rates of as much as 100 000 m³/h.

The improved air flow rate of the Krivan reduces drive power consumption and opens up new possibilities for ventilation and air conditioning units. Furthermore, the new design gives the Krivan unprecedented stability. Tests by TÜV SÜD showed only a minimal increase in the pressure drop – approximately 4% at 1000 Pa. All versions and sizes in the Krivan range are also ErP-compliant. They meet the requirements of the Ecodesign Regulation 1253/2014 without any changes to their design and construction.

Consistently high quality

In addition to the 4-block solutions, all Krivan models continue to benefit from the following features:

- Up to 20% higher air flow rate
- ErP-compliant
- Supreme differential pressure stability up to 2500 Pa
- Simple design with plug and play

Easy to switch from the S design

The Krivan crossflow plate heat exchanger has a higher air flow rate than the S design. As it has the same dimensions as the existing plate heat exchanger, however, switching from the S design to Krivan couldn't be easier.

New version of CASER

The new version of the CASER (= Computer Aided Selection of Energy Recovery) design program was launched in August and contains the new Krivan sizes.

Superior energy recovery solutions

Hoval energy recovery systems are tested time and time again by independent test institutes. All technical data is based on these measurements, making it reliable data for planners, installers and operators.

As a founding member of the Eurovent certification programme for plate heat exchangers, Hoval can be relied upon for certified performance data, outstanding leak-tightness and the ultimate in hygiene.

About Hoval:

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. You can be sure to save both energy and costs while protecting the environment.

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 export 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.

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Picture / preview:



Hoval_Krivan_cut_recirculation_air_bypass_combination-4er_(c)Hoval.jpg

The addition of the 4-block solutions means that Krivan can now even be used with air flow rates of up to 100 000 m³/h.

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