

Krivan

Crossflow plate heat exchanger

For ErP-compliant AHUs

Efficient
Stable
ErP-compliant
Plug and play

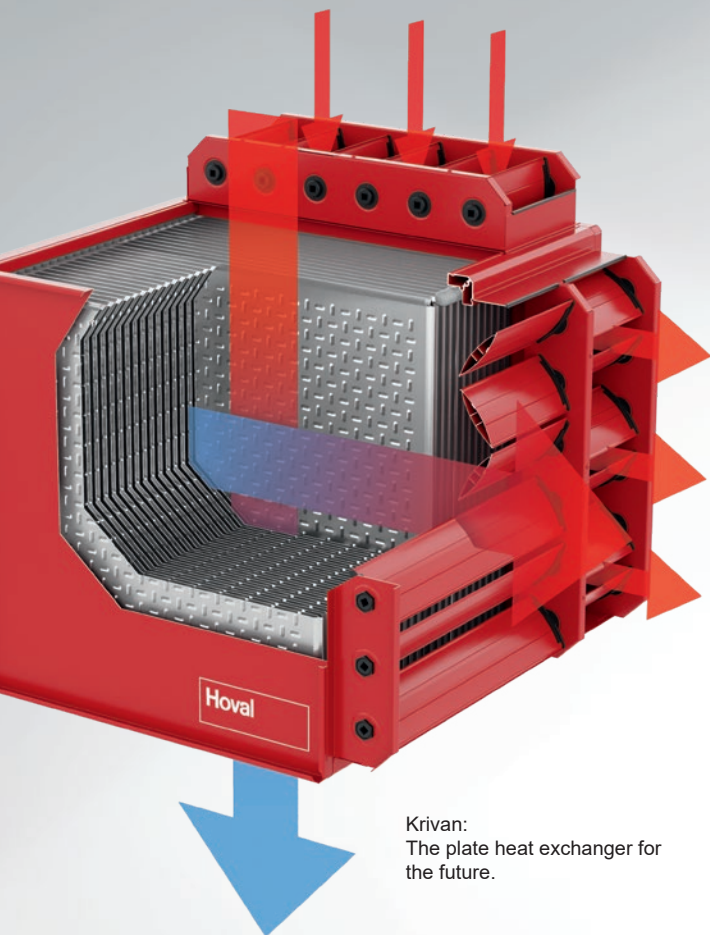


Krivan:
Equipped to meet ErP requirements
both today and in the future.

Hoval

Krivan

In detail.



Krivan:
The plate heat exchanger for
the future.

The Krivan is our compact plate heat exchanger using a crossflow principle.

Specially developed to meet ErP requirements both today and in the future, the Krivan provides the perfect ratio between thermal efficiency and low pressure drop.

Its unique stability ensures a constantly low pressure drop for **energy-saving operation**.

As with all of our plate heat exchangers, the **clever plug and play concept** helps to ensure easy planning and assembly: with identical dimensions, the Krivan is the ideal replacement for or supplement to the tried-and-tested S heat exchanger.

Highly efficient

The Krivan offers an ideal ratio between a high level of thermal efficiency and low pressure drop.

Supreme differential pressure stability up to 2500 Pa

This means that both pressure drops and running costs are kept consistently low under all conditions.

ErP-compliant

The Krivan is a forward-looking solution which ensures that ErP requirements are fulfilled with ease – both now and in the future.

Simple design with plug and play

With identical dimensions, the Krivan can easily replace or supplement the tried-and-tested S heat exchanger.

100% reliable, certified data:



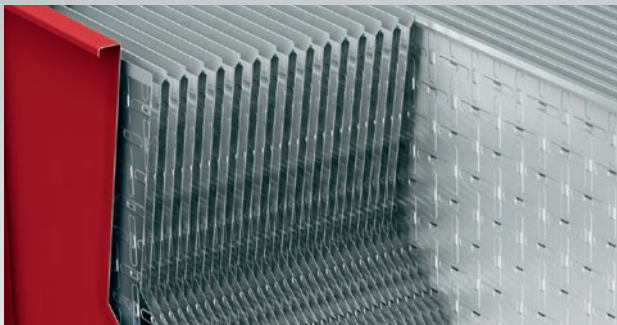
Krivan: Technical data

Heat recovery efficiency (dry)	73–80%
Air flow rate (greater rates available on request)	200–15,000 m³/h
Differential pressure stability	max. 2500 Pa
Package width	up to 2050 mm

Highly efficient

The Krivan was developed for maximum performance. Profile depth and plate distance were optimised in extensive test series for each plate size. The result is a perfect ratio between **high heat transfer and low pressure drop**.

This means that less fan power is required throughout the year, leading in turn to **reduced running costs**.

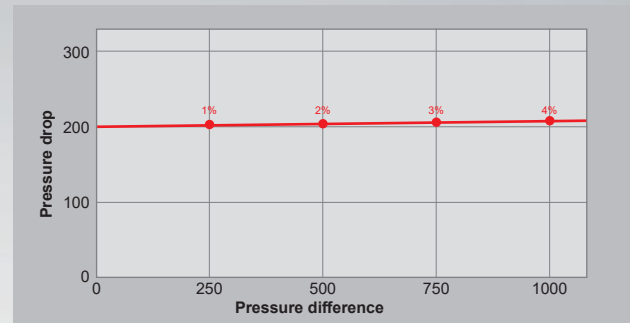


Optimised profile depth and plate distance ensure maximum efficiency.

Supreme differential pressure stability up to 2500 Pa

The Krivan's heat exchanger plates have not just been optimised for greater efficiency. The special profile design also gives the Krivan **supreme differential pressure stability**.

The plates are only subject to minimal deformation even when they are exposed to high differences in pressure. This means that pressure drops are kept consistently low and the fans require less drive power, leading to **low running costs all year round**.



Supreme differential pressure stability.

ErP-compliant

The Krivan was specially developed to meet the requirements of the ErP Directive, and the current guide values are met with ease.

What's more, its future-oriented design principle still has more potential to offer, meaning that future ErP requirements can be effortlessly fulfilled for years to come.

All this makes the Krivan the **best choice** for long-term ErP-compliant AHUs.

Simple design with plug and play

It goes without saying that the Krivan is available in a ready-to-install format complete with all attachment parts.

Especially advantageous, though, is the Krivan's **construction**:

The Krivan has the same dimensions as the tried-and-tested S heat exchanger, meaning that it can easily replace or supplement this heat exchanger in existing constructions.

Ask for advice today: Tel. +423 399 2400 | info.klimatechnik@hoval.com | www.hoval-energyrecovery.com.

For even greater heat recovery efficiency. Hoval counterflow plate heat exchangers



- Numerous designs for a broad range of requirements
- Heat recovery efficiency: up to 84%
- Air flow rates: 200–16,000 m³/h
- Package widths: 200–1900 mm
- For ventilation and air conditioning units
- Tried-and-tested Hoval quality

For additional applications: Hoval rotary heat exchangers

- Condensation, enthalpy or sorption heat exchangers
- Diameter: 500–4200 mm
- Air flow rates: 200–150,000 m³/h
- For ventilation systems, comfort ventilation systems and process technology
- Tried-and-tested Hoval quality



Hoval energy recovery

You can count on us.

As a specialist for energy recovery systems, Hoval is your experienced partner with decades of experience in the industry. Hoval develops and produces components for heat, cold and moisture recovery for today and tomorrow. The systems are used in ventilation systems and in process technology. You can be sure to save both energy and costs while protecting the environment.

Hoval is one of the leading international companies for energy recovery systems, which are exported worldwide.

We take our responsibility for the environment seriously. Energy efficiency is at the heart of what we develop.

Responsibility for energy and environment



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The Hoval logo, consisting of the word 'Hoval' in a bold, white, sans-serif font, set against a dark red rectangular background. The background of the entire page features a scenic landscape with snow-capped mountains, a lake, and a dramatic sky with a lightning bolt.