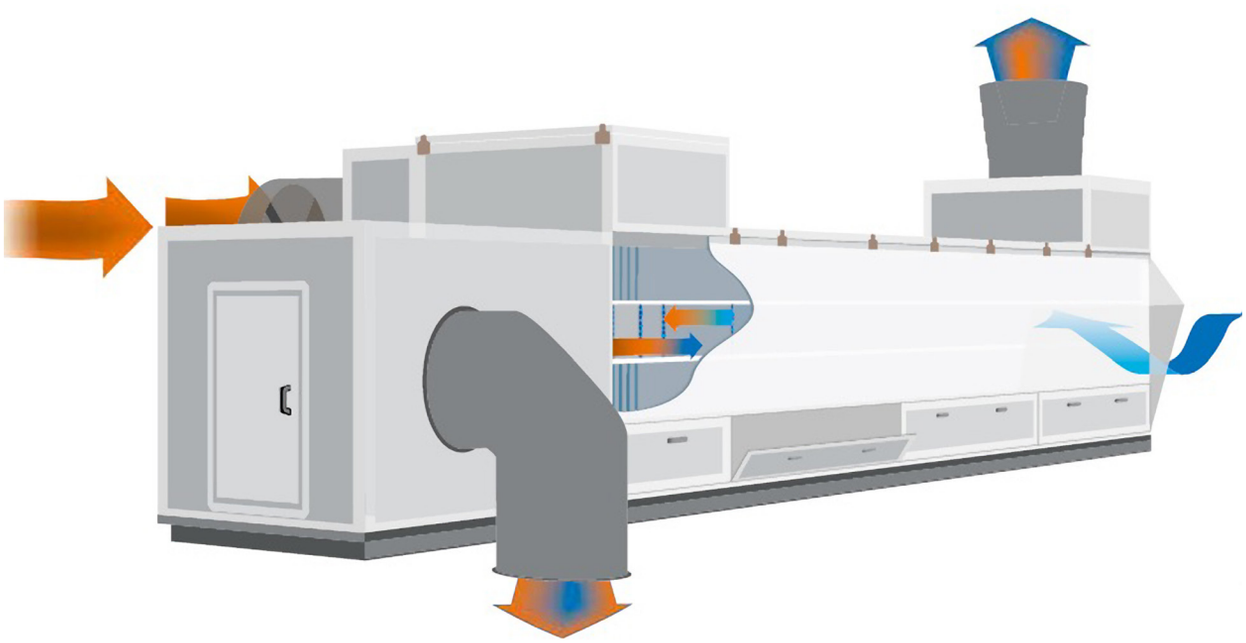
Industry

Take advantage of your hot exhaust air - and save energy

Up to

50%

energy savings
in dusty industries.



Areas of application

With this heat exchanger you can achieve significant energy savings, both in ventilation and in hot air processes. It is easy to clean and at the same time capable of collecting dust, which makes it dust-reducing. This heat exchanger is therefore particularly suitable for industries where dust and aggressive environments are a challenge.

Benefits

- High efficiency
- Low pressure loss
- Low energy consumption
- Low noise level
- Minimal maintenance
- Easy to clean
- Dust-reducing
- Particularly suitable in dusty and aggressive environments
- Customisable according to your needs

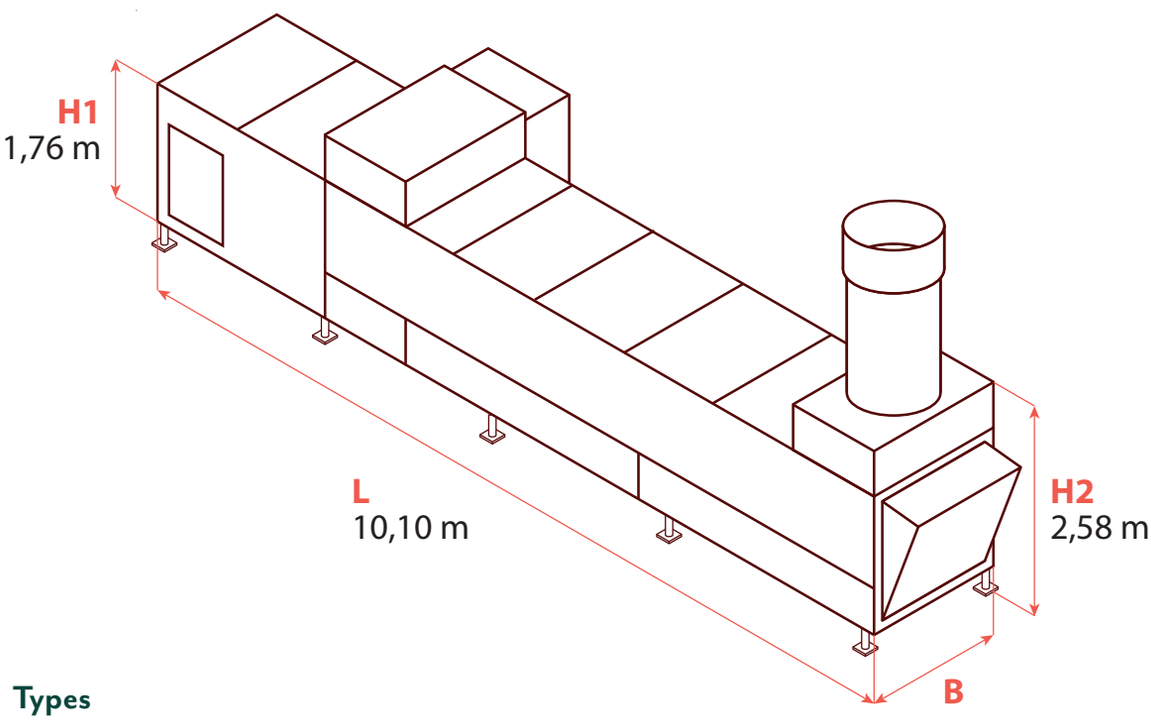
Specifications

- Counterflow air/air heat exchanger
- Insulated sandwich plates (PUR) - with coated metal surface on the outside and polyester surface on the inside
- Mainly metal profiles and hinges in stainless materials
- Plastic conduits (PP) where the heat recovery between cold and hot air takes place.
- Easy to clean and can be accessed via hatches and lids at the top and bottom
- Pressure loss of 180 Pa
- F2 basic air supply filter

Options

The heat exchangers can be easily adapted as needed and an option can be added for selecting different functions.

- Heating surface (water-borne)
- Cooling - both cheap and efficient solution
- Vaskesystem – automatisk via simpel styring
- Alternative filters can be installed
- Control system - intelligent stand-alone system or integrated into an existing control system



Types

The heat exchanger can be coupled together to form larger units.

Size	Capacity 100 %	Air supply		Exhaust		Weight	Width
	m^3/h	(Ø) m	kW	(Ø) m	kW	kg	(W) m
1.5	13.700	0,82	2,2	0,82	2,2	2.650	1,60
2	18.400	1,00	3,0	1,00	3,0	3.150	2,13
2.5	22.300	1,00	4,0	1,00	4,0	3.600	2,49
3	27.000	1,25	4,0	1,25	4,0	3.700	2,80
3.5	31.200	1,25	5,5	1,25	5,5	3.800	3,30

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