

OptiFlow

Heat exchanger



- ✓ Entirely made of polypropylene (PP)
- ✓ Horizontally placed PP tubes
- ✓ Less dust and pollution
- ✓ High efficiency
- ✓ Low maintenance
- ✓ Available in multiple capacities
- ✓ Easy access for cleaning
- ✓ Adjustable with climate computer



Suitable sectors

Poultry

Varkens

Kalveren

Overig

Options

Recirculation with heating block

Available in multiple capacities

Louvre intake system

Automatic flushing system

Recirculation fans

Type	Installations dimensions (mm)			Capacity (m3/hour)	Material	Colour
	L	W	H			
CF-15000	9600 mm	2400 mm	2500 mm	15.000	Insulated PP	RAL 7032
CF-20000	9600 mm	2400 mm	2800 mm	20.000	Insulated PP	RAL 7032
CF-25000	9600 mm	2400 mm	3100 mm	25.000	Insulated PP	RAL 7032
CF-30000	9600 mm	2400 mm	3400 mm	30.000	Insulated PP	RAL 7032

Air Distribution

The OptiFlow Heat Exchanger uses warm exhaust air from the barn to heat the incoming fresh air. Through our advanced PP piping system, the cooler fresh air is passed through without mixing, ensuring maximum efficiency. This innovative process not only saves energy but also promotes an even distribution of air throughout the building.

Mechanism

The OptiFlow Heat Exchanger is powered by high-pressure fans and efficiently moves both exhaust and intake air through the heat exchanger. The exhaust air is drawn along the pipes, where heat transfer occurs, before being expelled through the exhaust chimney. At the same time, the intake air is pulled through the same pipes, absorbing heat from the expelled air and then being pushed into the building. The air is well distributed throughout the building via the louvre intake system and recirculation fans.

Cleaning

For easy cleaning during use, the OptiFlow Heat Exchanger can be equipped with an automatic flushing system. Hatches with a rubber airtight sealing mechanism allow access to the heat exchanger's control chamber. This ensures a secure seal to prevent air leaks and maintain the system's efficiency.

