

NEW HD-EX6 366 SERIES

WITH LOW PRESSURE DROP

■ **UNIQUENESS**

■ **INNOVATION**

■ **RESULT**

NEW HD-EX6 366 SERIES

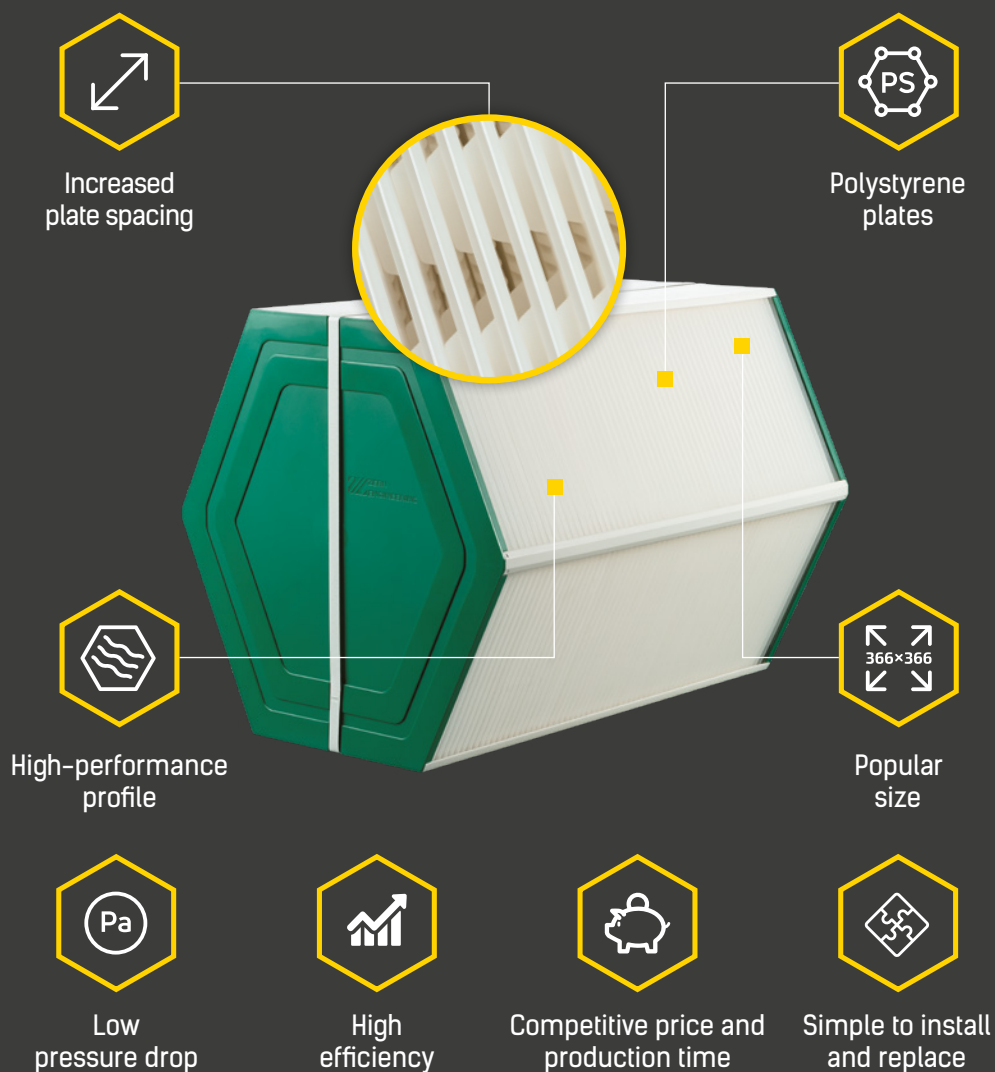
HD-EX6 366 is a new development from ZERN ENGINEERING, which completes the EX6 366 series.

HD-EX6 366 is a polystyrene plate counter-flow heat exchanger designed for heat recovery in balanced ventilation systems of houses, apartments and offices.

The key feature of the HD model is a low pressure drop, which allows it to become a solution for systems where the main objective is to reduce energy consumption while maintaining a high heat recovery rate.

HD-EX6 366 has one of the most popular dimensions on the market, so can be used in almost any ventilation system without any additional costs or complications.

KEY BENEFITS



**NEW
HD-EX6 366**

LOW PRESSURE DROP: HOW IS IT ACHIEVED?

The main material of the heat exchanger plates is polystyrene.

Due to its high plasticity, polystyrene is perfectly thermoformed, allowing to give the plate profile a greater depth and increase the distance between the plates.

The heat exchanger eventually creates less flow resistance, resulting in a low pressure drop.

APPLICATION



Residential buildings

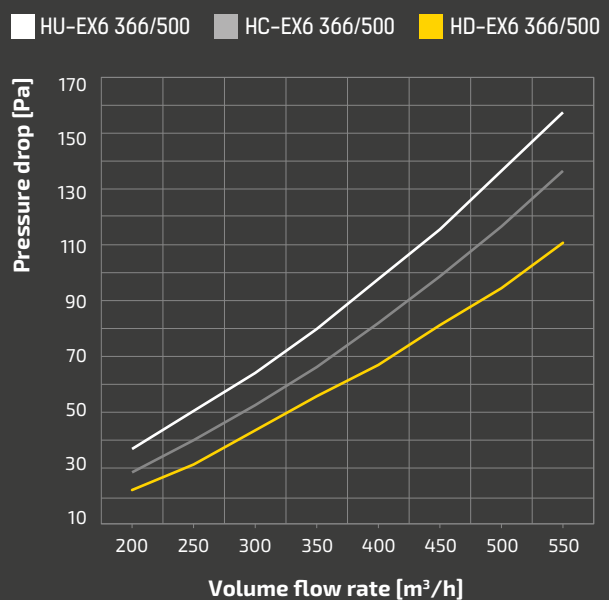
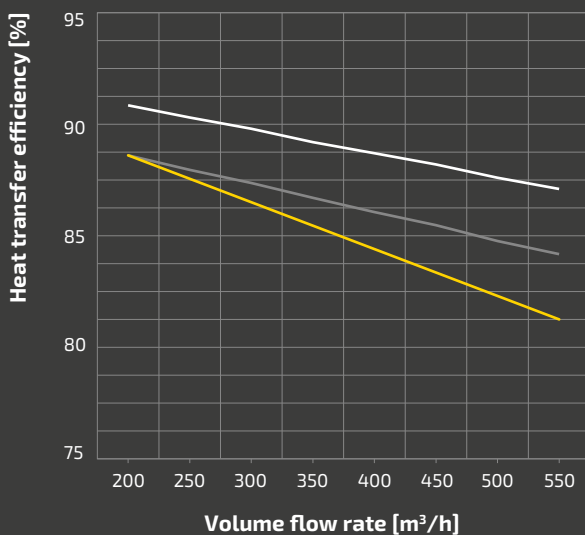


Apartments



Offices

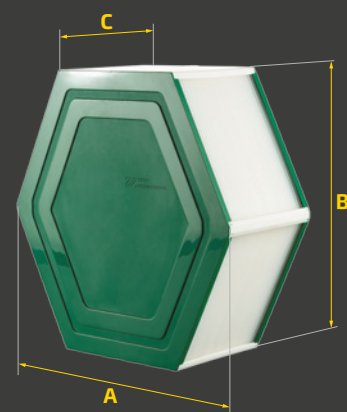
DEPENDENCY DIAGRAMS



Test results on a HU-271/500-1 model with a depth of 500 mm, test conditions according to DIN EN 13141-7 (as well as EN 308)

OVERALL DIMENSIONS

Model	Dimensions [mm]			
	A	B	C	X – casing design
HD-EX6 366/100...600-2(2.1)	366	366	100...600	2/2.1



CASING DESIGN

2 – polystyrene

2.1 – polystyrene with a T-profile

NEW
HD-EX6 366



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