



NEW HD-EX6 366 SERIES WITH LOW PRESSURE DROP

■ **UNIQUENESS**

■ **INNOVATION**

■ **RESULT**

NEW HD-EX6 366 SERIES

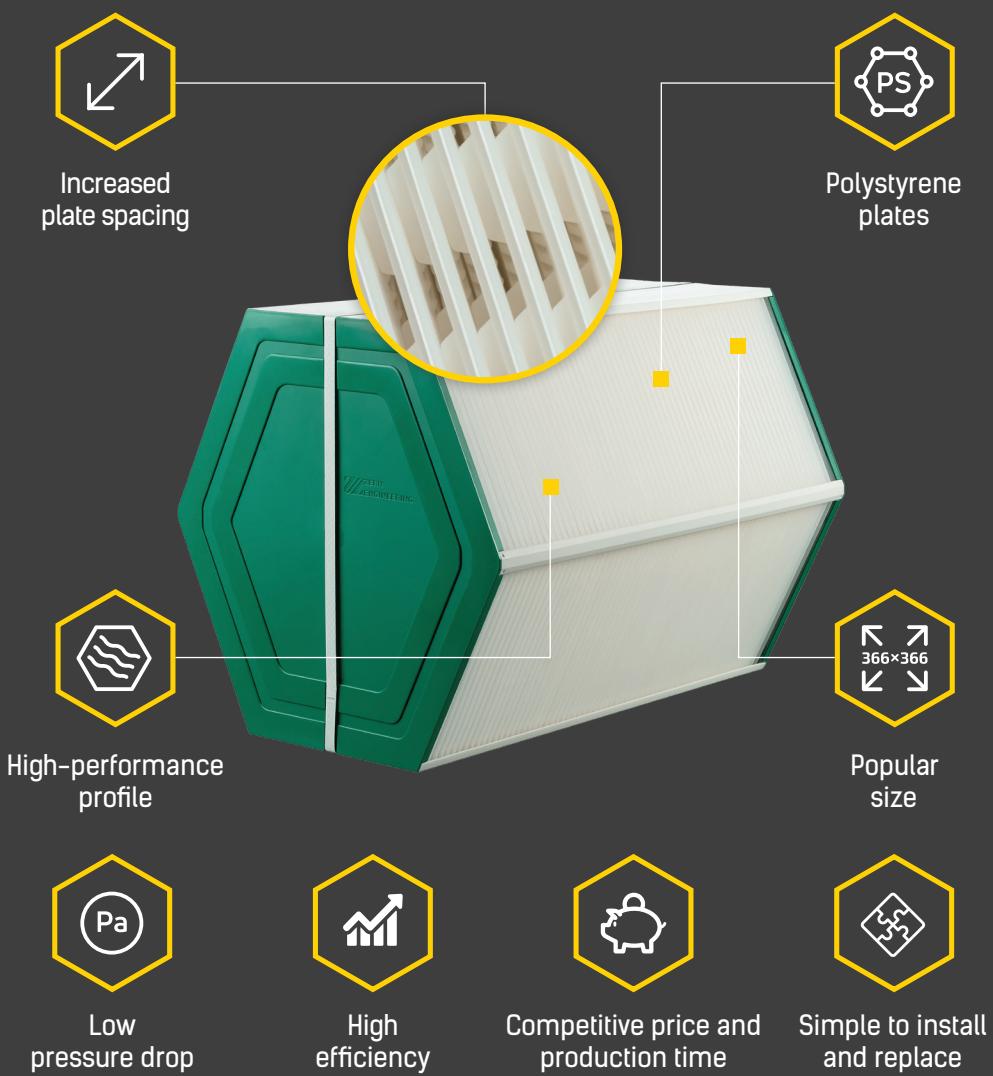
HD-EX6 366 is a new development from ZERN ENGINEERING, which completes the EX6 366 series.

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

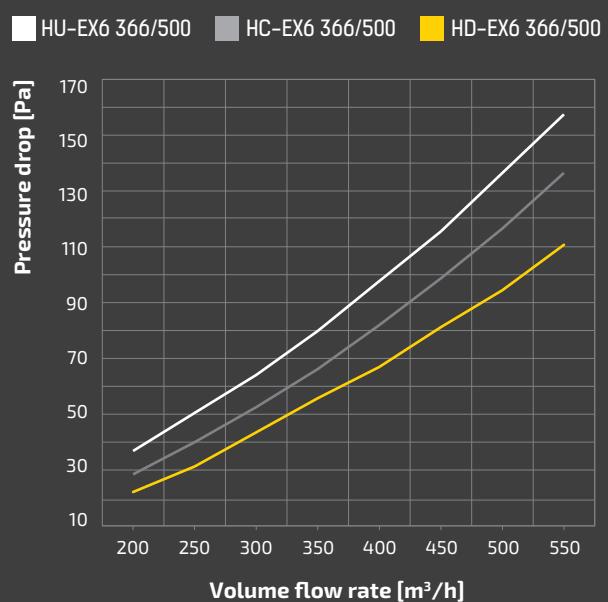
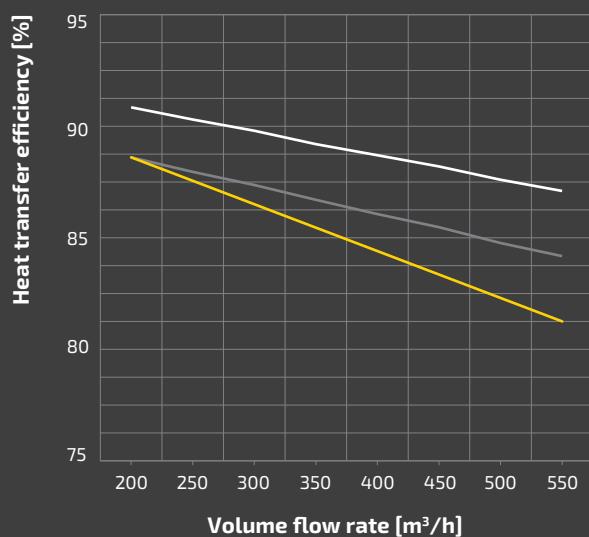


Apartments



Offices

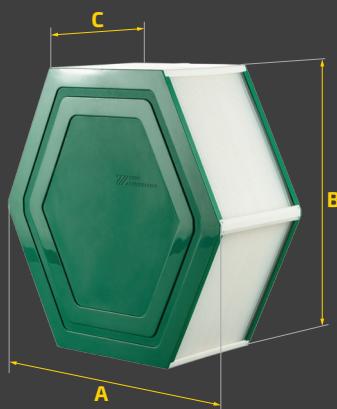
DEPENDENCY DIAGRAMS



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

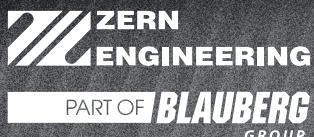


CASING DESIGN

2 – polystyrene

2.1 – polystyrene with a T-profile

NEW
HD-EX6 366



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