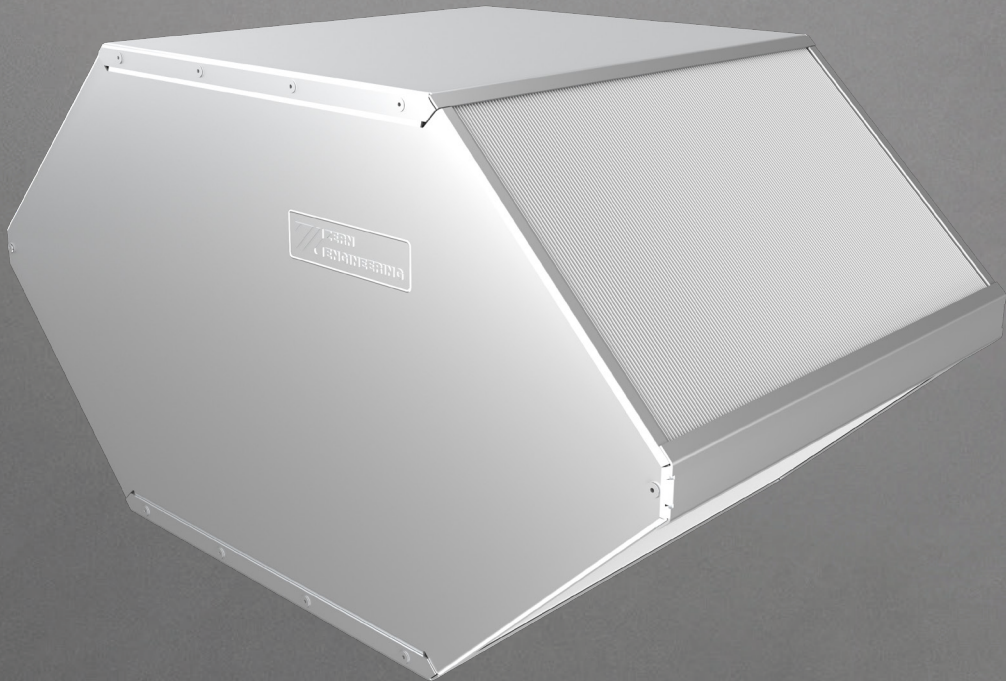




HS-EX6 271 THE SUPERB SERIES



■ **UNIQUENESS**

■ **INNOVATION**

■ **RESULT**

HS-EX6 271 SERIES

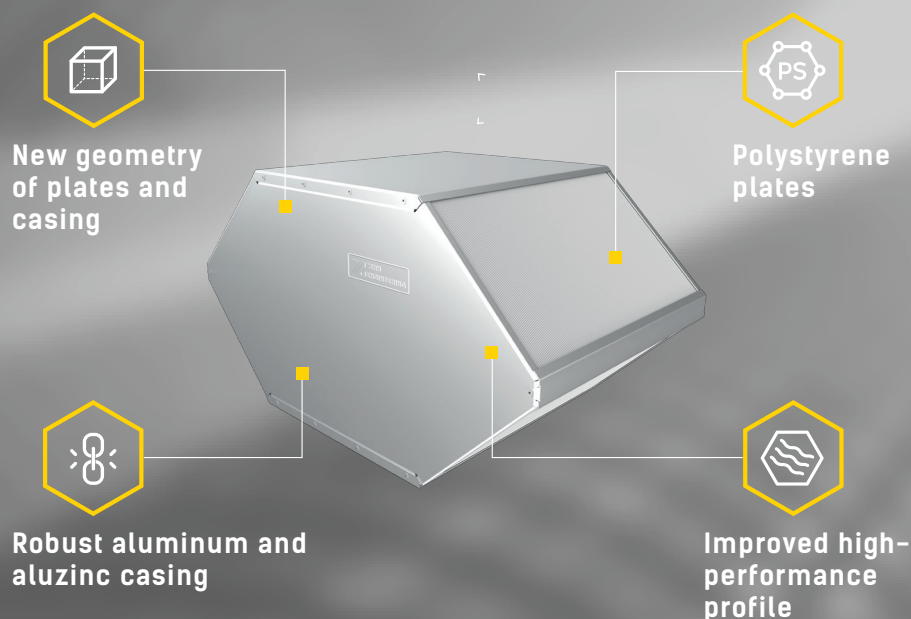
Superb efficiency

Introducing the ZERN ENGINEERING HS-EX6 271 – a sensible plate heat exchanger designed for residential and light-commercial ventilation applications with airflow rates of up to 700 m³/h.

Based on a well-established heat exchanger format, the HS-EX6 271 can be readily integrated into a wide range of existing air handling unit designs. Its key advantage is the combination of high heat recovery efficiency and controlled airflow resistance.

The primary objective in developing the HS-EX6 271 was to maximize thermal performance across its operating range. This has been achieved through an advanced high-efficiency plate profile and optimized internal geometry, providing an increased heat transfer area within the established heat exchanger format.

Heat recovery efficiency reaches $\approx 90\%$ under peak operating conditions.



MAIN ADVANTAGES



Superb efficiency

New plate profile + increased heat exchange area = superb efficiency



Easy integration

The 496 × 271 mm format enables easy integration into a wide range of ventilation systems.



Good pressure drop

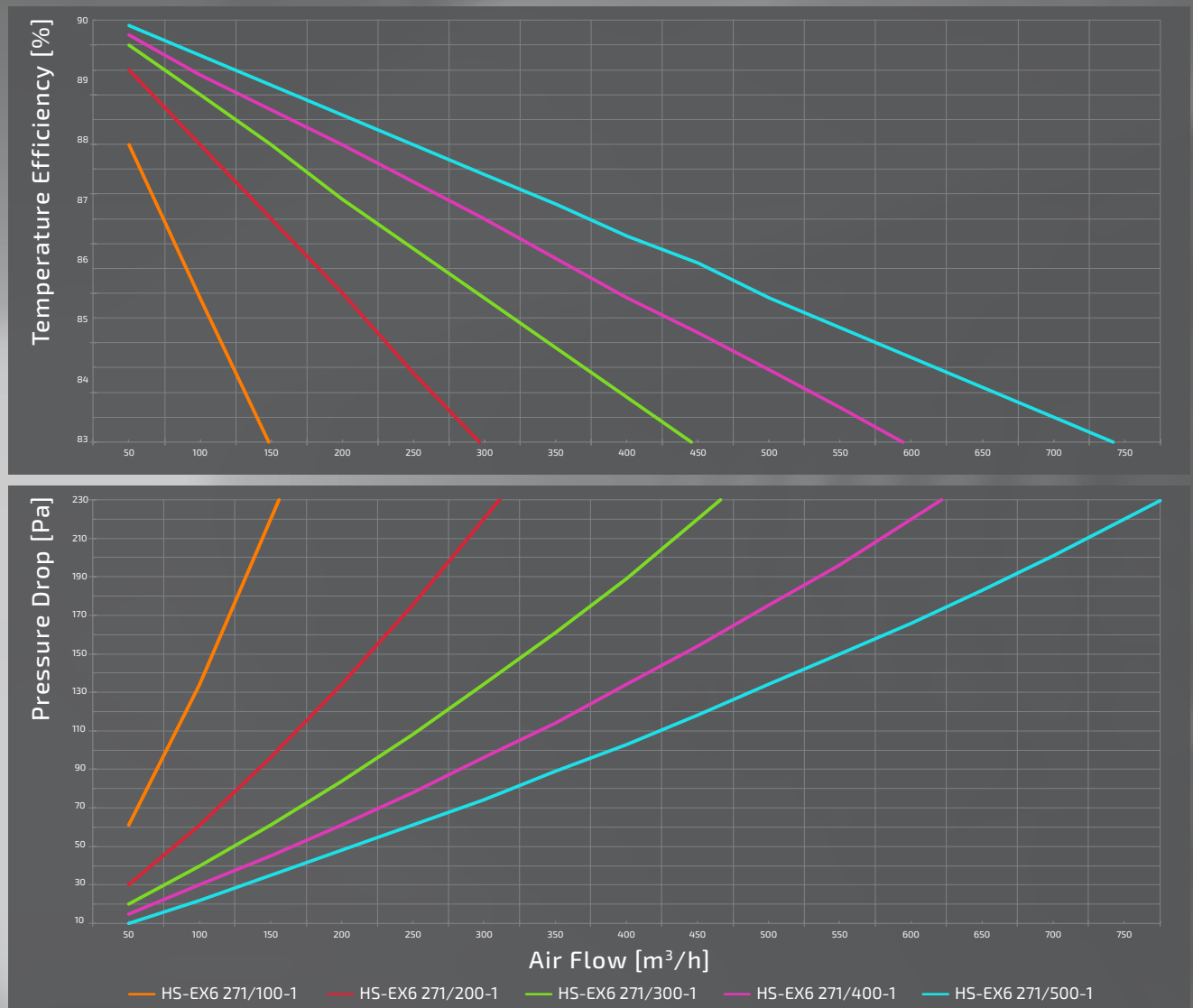
Achieving high efficiency has not compromised the pressure drop, keeping it within optimum limits.



Competitive price and production time

We are a customer-focused company, so you can be sure of the best possible terms and conditions.

HS-EX6 271 SERIES DEPENDENCY DIAGRAMS



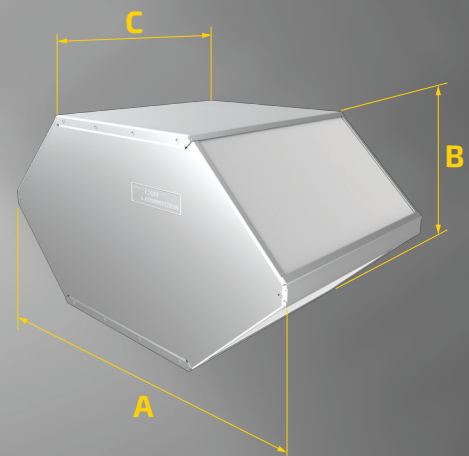
Test results on a HS-EX6 271/100...500-1 model with a depth of 100...500 mm, test conditions according to DIN EN 13141-7 (as well as EN 308)

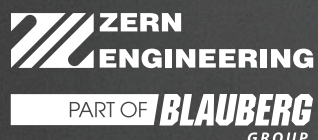
OVERALL DIMENSIONS

MODEL	DIMENSIONS [MM]			
	A	B	C	Casing design
HS-EX6 271/100...600-1 (1.1) / 3 (3.1)	496	271	100...600	1/1.1 3/3.1

Casing design

- 1 - aluzinc
- 1.1 - aluzinc with a T-profile
- 3 - aluminium
- 3.1 - aluminium with a T-profile





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The Company reserves the rights to modify any of its products' features, designs, components and specifications at any time and without notice to maintain the development and quality of manufactured goods.

2026-08