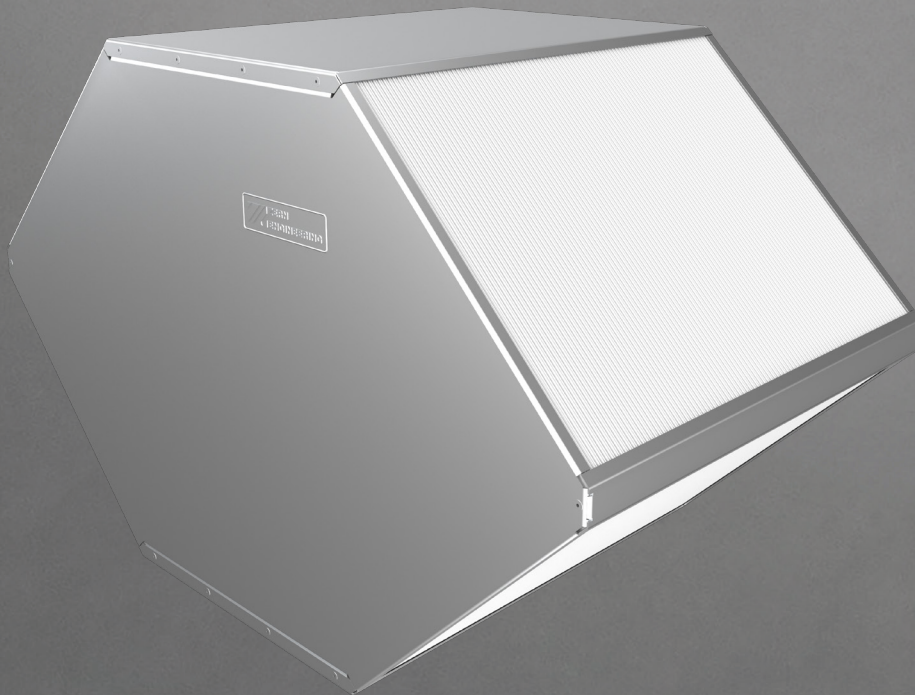




HU-EX6 394 THE ULTIMATE SERIES



■ **UNIQUENESS**

■ **INNOVATION**

■ **RESULT**

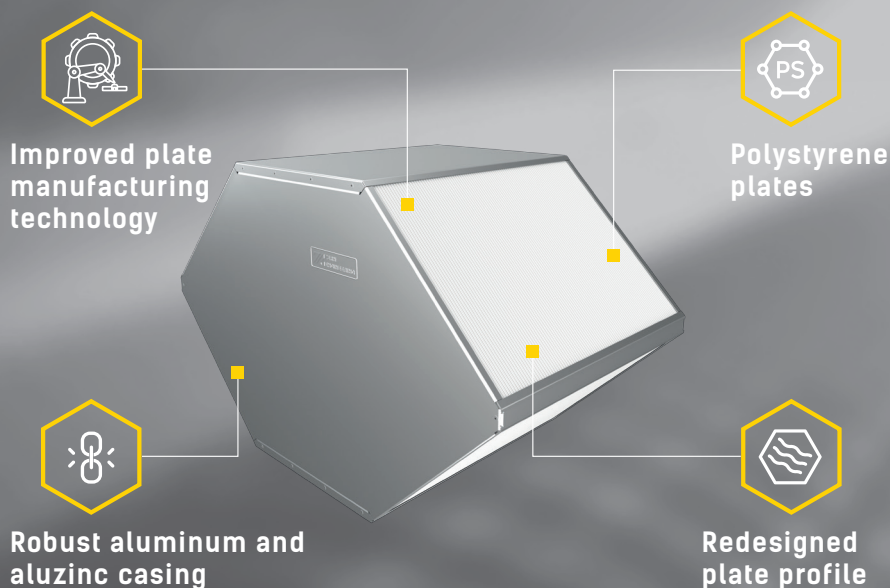
HU-EX6 394 SERIES

Ultimate efficiency

The new HU-EX6 394 expands the ZERN ENGINEERING range of high-performance counter-flow heat exchangers. Designed for residential and light commercial air handling units with airflows of up to 1,000 m³/h, it introduces a redesigned plate profile and an enhanced manufacturing process.

The optimized internal geometry improves airflow distribution, delivering high temperature efficiency with reduced pressure drop. The new manufacturing process also ensures consistent product quality while shortening production time.

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



MAIN ADVANTAGES



Ultimate efficiency

Up to $\approx 90\%$ heat recovery efficiency



Reduced pressure drop

Optimized geometry minimizes airflow resistance.



Easy Integration

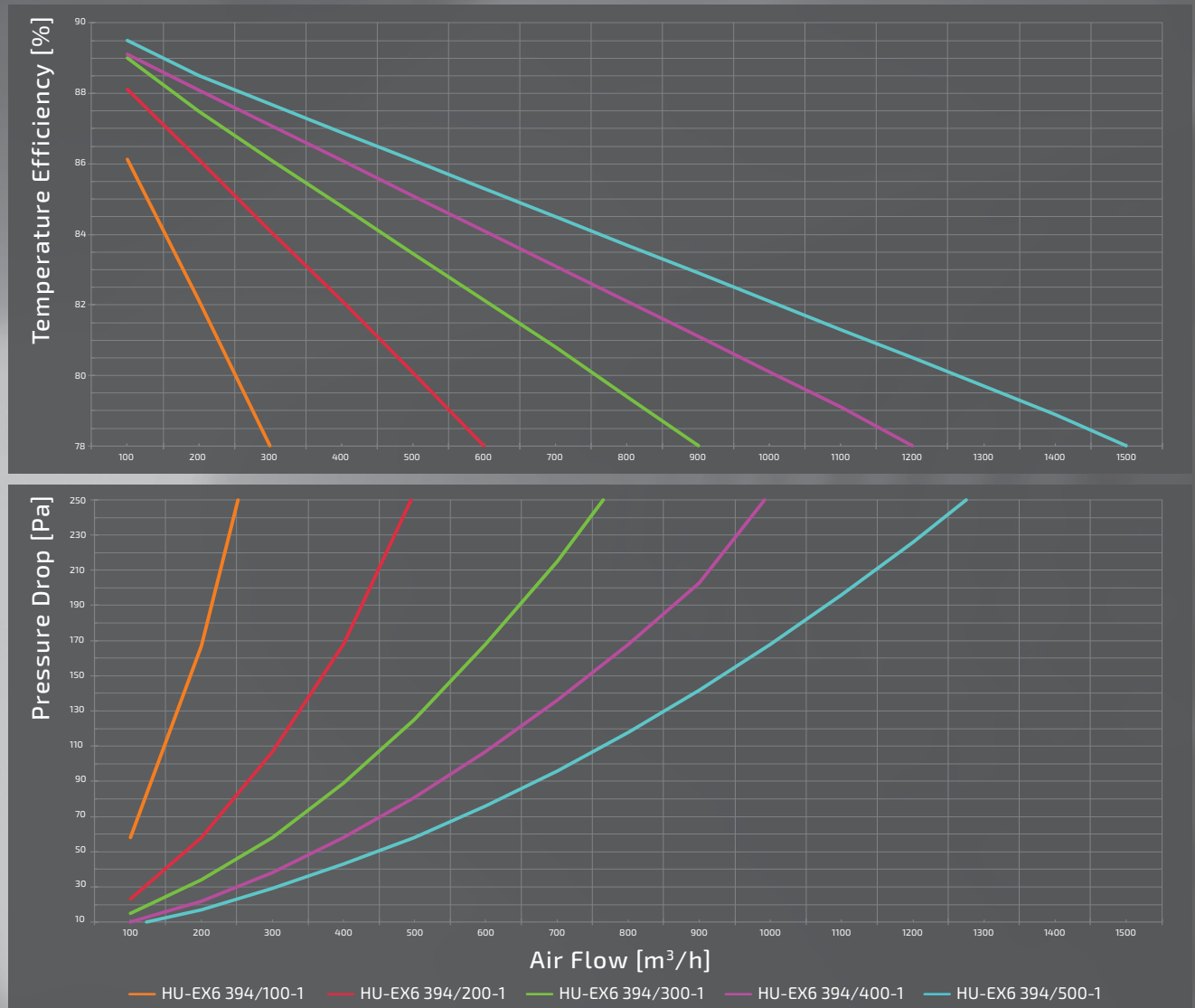
Fits standard AHU configurations



Competitive price and faster production

Optimized manufacturing for shorter lead times.

HU-EX6 394 SERIES DEPENDENCY DIAGRAMS



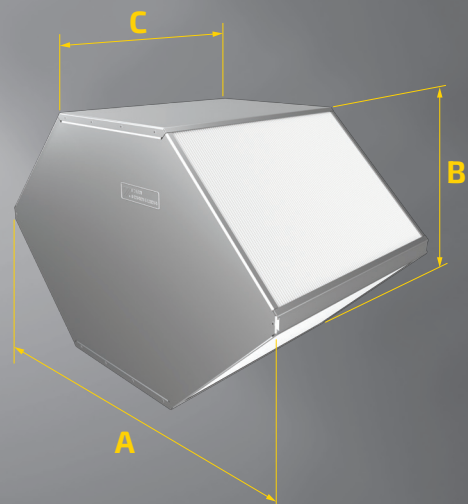
Test results on a HU-EX6 394/100...500-1 model with a depth of 100...500 mm, test conditions according to DIN EN 13141-7 (as well as EN 308)

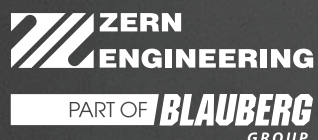
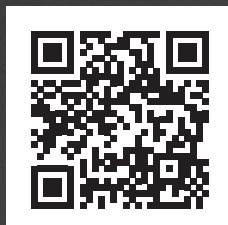
OVERALL DIMENSIONS

MODEL	DIMENSIONS [MM]			
	A	B	C	Casing design
HU-EX6 394/100...600-1 (1.1) / 3 (3.1)	619	394	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.

2026-07