



HU-EX6 533 THE ULTIMATE SERIES



■ **UNIQUENESS**

■ **INNOVATION**

■ **RESULT**

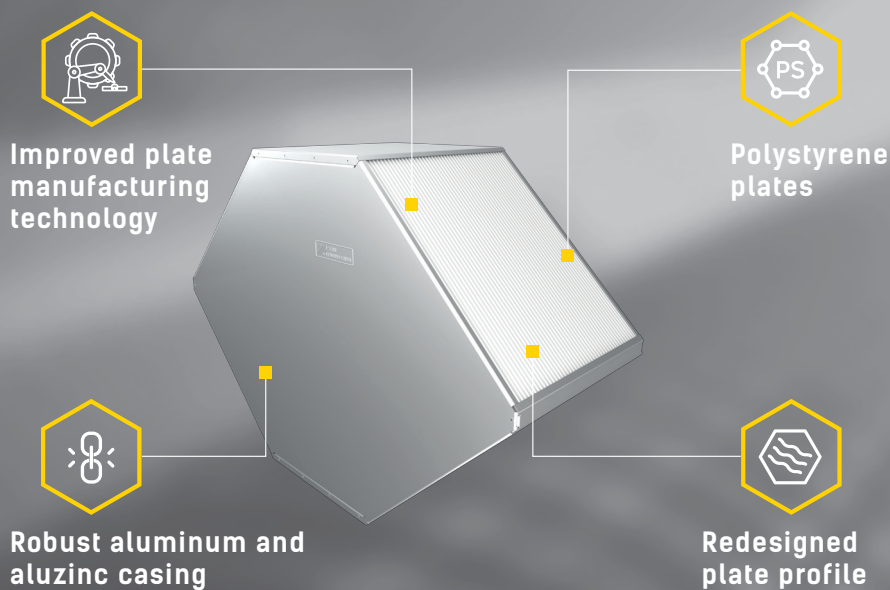
HU-EX6 533 SERIES

Ultimate efficiency

The new HU-EX6 533 expands the ZERN ENGINEERING range of high-performance counter-flow heat exchangers. Designed for commercial and large residential air handling units with airflows of up to 1,550 m³/h, it is optimized for high-capacity ventilation applications.

The new generation combines a redesigned plate profile with an enhanced manufacturing process, improving airflow characteristics while ensuring consistent product quality.

Heat recovery efficiency reaches up to $\approx 90\%$ under peak operating conditions while maintaining low pressure drop.



MAIN ADVANTAGES



Ultimate efficiency

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



Reduced pressure drop

Optimized geometry minimizes airflow resistance.



Easy Integration

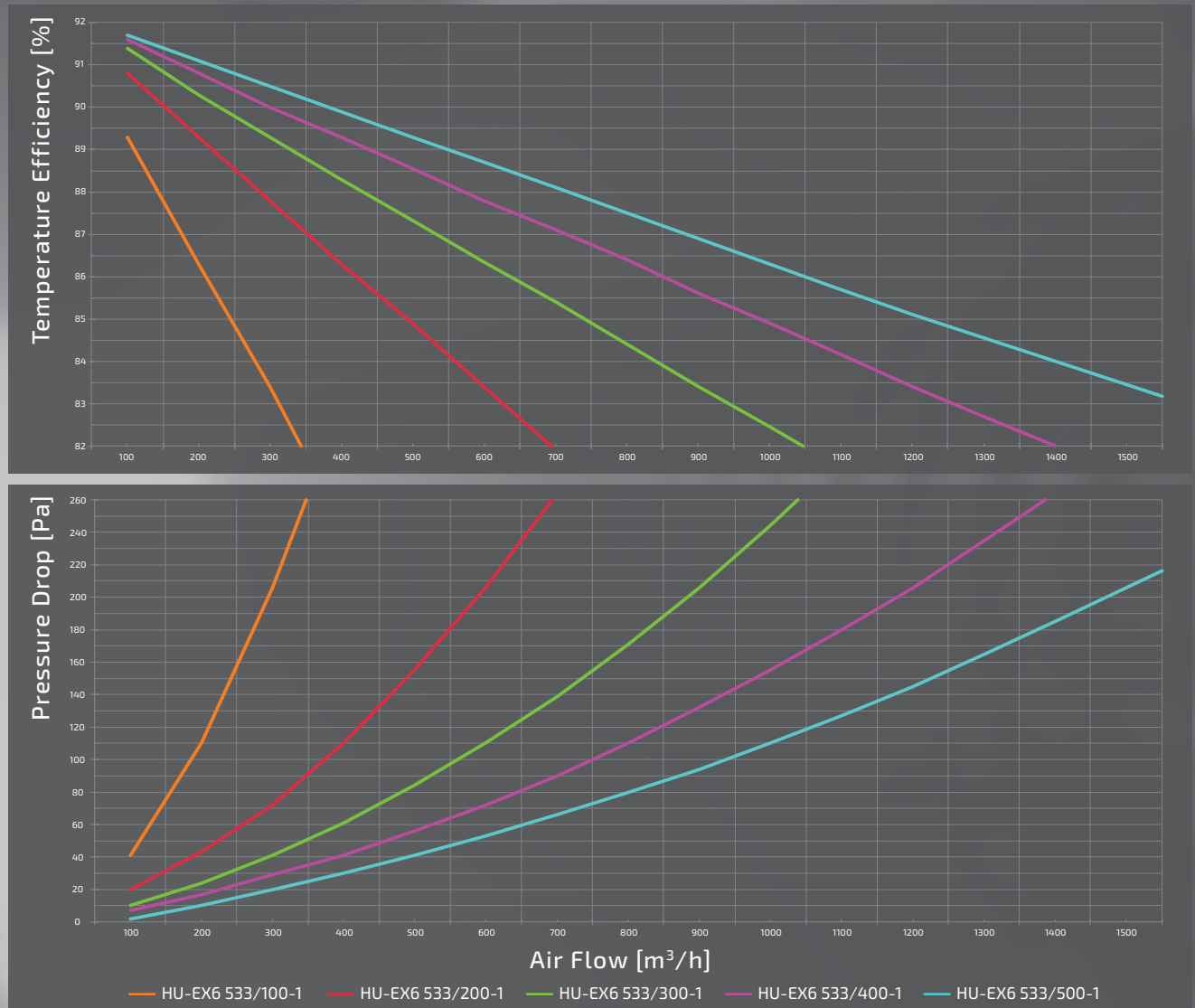
Fits standard AHU configurations



Competitive price and faster production

Optimized manufacturing for shorter lead times.

HU-EX6 533 SERIES DEPENDENCY DIAGRAMS



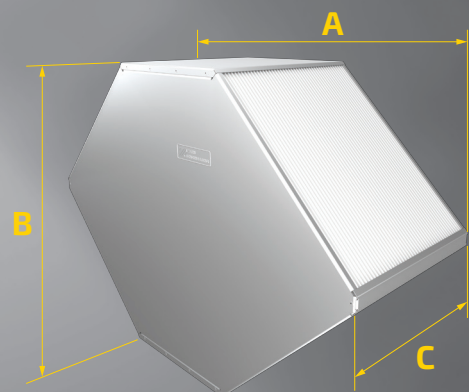
Test results on a HU-EX6 533/100...500-1 model with a depth of 100...500 mm, test conditions according to DIN EN 13141-7 (as well as EN 308)

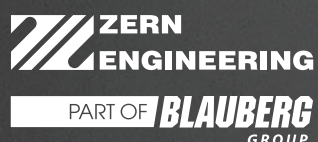
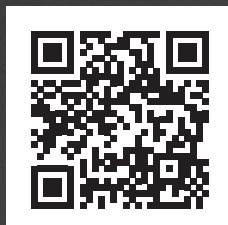
OVERALL DIMENSIONS

MODEL	DIMENSIONS [MM]			
	A	B	C	Casing design
HU-EX6 533/100...600-1 (1.1) / 3 (3.1)	758	533	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





Stäblistraße 6
81477 München

HQ Tel. +49 89 23166620
HQ Fax. +49 89 78069521

sales@zern-engineering.com
zern-engineering.com

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