



AHE500 PLATE EXCHANGERS

The best cost effective solution to heat recovery



ARI certified product

Ideal for residential and light commercial ventilation applications!

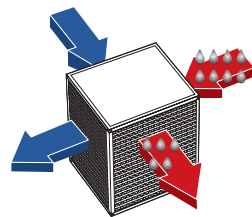
As a result to Innergy tech's years of experience, intensive engineering calculations and laboratory tests, our AHE500 exchanger offers very low pressure drops along with one of the best effectiveness on the market today. Featuring a lightweight, compact and yet tough construction, their fully adjustable height and wide spacing selections make it truly easy to select the right model for any application. Furthermore, the AHE500's unique embossed aluminum plates give the exchanger an extraordinary resistance to dirt build-up. In addition, the different corner extrusions available make their installation in any ventilation unit, a breeze.

Features and benefits:

- Best effectiveness versus price ratio
- Lightweight, compact design; easy to install
- Operating temperatures up to 400 °F
- Unique embossment for the lowest pressure drops and great effectiveness
- No moving parts; no wear, always ready for operation
- Separate air streams; no cross contamination
- No external power required; no extra running costs
- ARI Certified performances; bears the ARI Standard 1060-2005 certified seal

Options:

- Different corner extrusions.
- Aluminum cover plates.



Operating Principle:

Summer operation

In summer operation, heat from the outside fresh air is transferred to the outgoing air, greatly reducing air-conditioning costs.

Winter operation

In winter, heat from the outgoing air is recovered and transferred to the fresh incoming air, greatly contributing to reduced heating costs.

Dimensional data

Model	Square size (S) (in/mm)	Diagonal (D) (in/mm)	Height (H) (in/mm)
12S	12.24/310.89	17.93/455.42	As requested
15S	15.24/387.09	22.18/563.37	As requested
18S	18.24/463.29	26.43/671.32	As requested
21S	21.27/540.25	30.68/779.27	As requested