

CASING

Steel casing is covered with high quality multilayer aluminium and zinc alloy to prevent corrosion. The casing is equipped with a switch to turn the ventilator off when the service panel is opened. Service access from both left and right side.

ENERGY RECOVERY CORE

Unique enthalpy heat exchanger provides high-efficient heat & humidity recovery. No drain pan required.

FANS

The unit is equipped with supply and exhaust centrifugal fans with backward curved blades and built-in thermal overheating protection with automatic restart. The electric motors and impellers are dynamically balanced.

DEFROST SYSTEM

Fan stop defrost system is activated when the outdoor temperature falls below 23° F (-5° C).

FILTER

Washable MERV 6 air filters in exhaust and supply air streams.

CONTROL

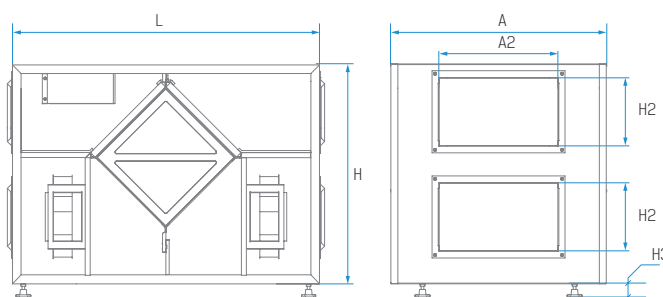
The unit incorporates an integrated automation and control system with following functions:

- Operation mode switch.
- Airflow balancing by supply and exhaust fan independent speed adjustment.
- Automatic recovery core frost protection.
- External control device connection.



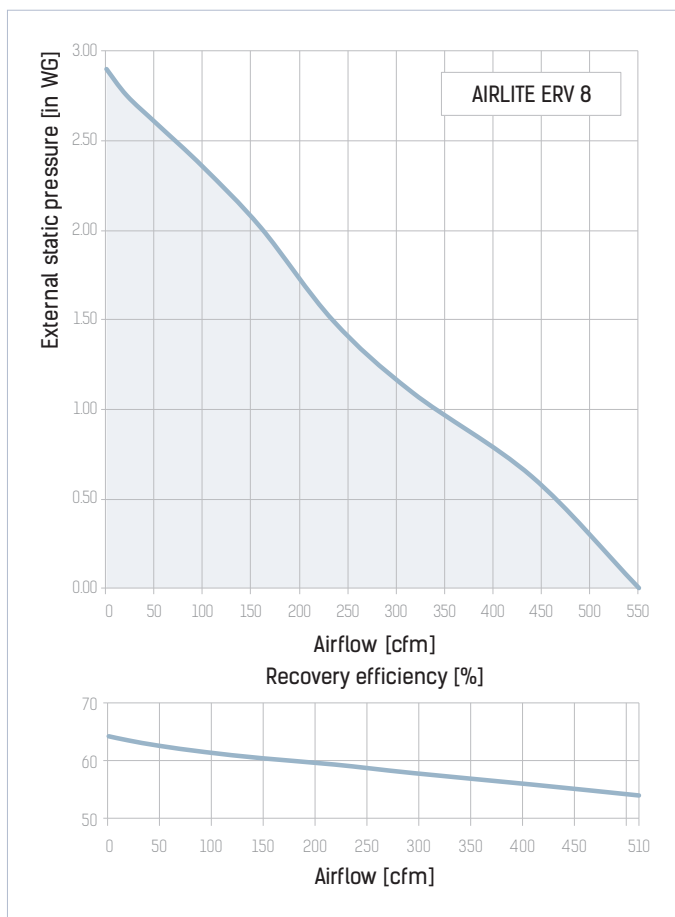
DIMENSIONS

Measurements [in]					
A	A2	H	H2	H3	L
25 1/2"	14"	26"	8"	4"	36 1/2"



TECHNICAL DATA

Parameters	AIRLITE ERV 8
Voltage [V / 60 Hz]	1 ~ 120
Unit power [W]	640
Unit current [A]	5.4
Sensible effectiveness @ max airflow [%]	54
Air flow @ ESP 0.4" WG [cfm]	450
Air flow max [cfm]	510
Transported air temperature [°F]	-35 up to +140
Outer skin casing material	21 gauge galvanized steel
Insulation	1" mineral wool
Connected air duct size [in]	8×14



MODEL	QUANTITY	COMMENTS	PROJECT
			location:
			architect:
			engineer:
			contractor:
			submitted by: