

## 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.

## HEAT RECOVERY CORE

Unique plate heat exchanger is made of aluminium and designed for high-efficient heat recovery. The stainless steel drain pan is located on the inlet and outlet sides.

## 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

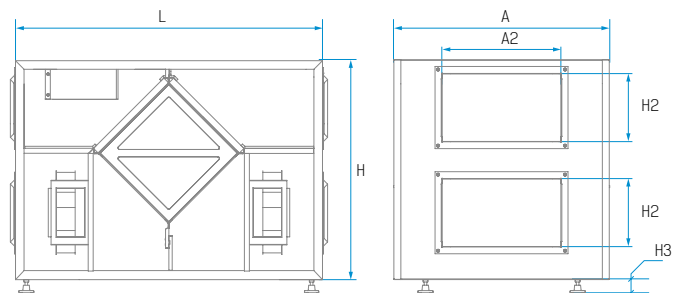
The unit incorporates an integrated automation and control system with following functions:

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



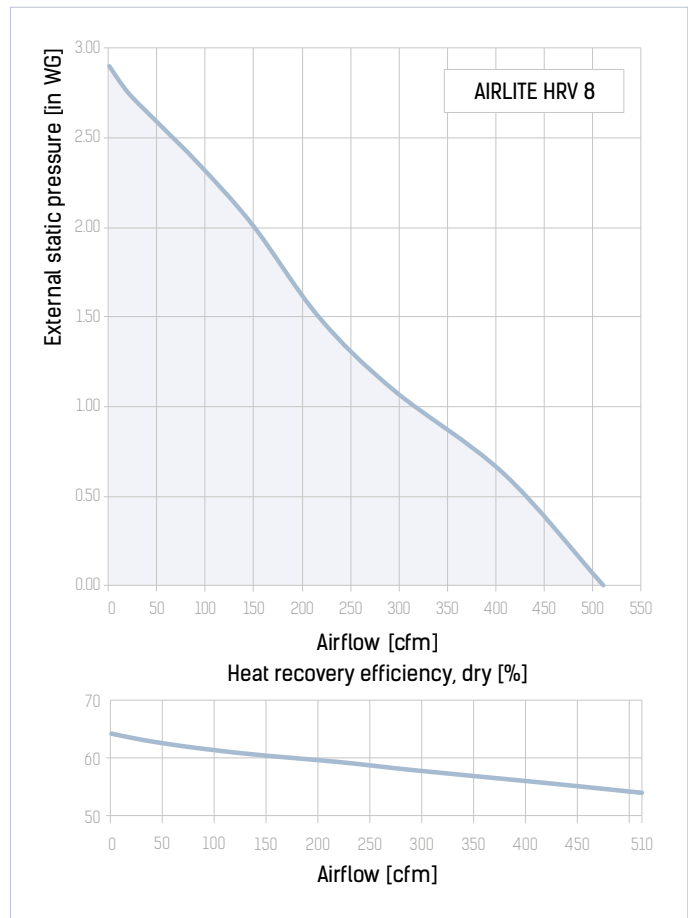
## DIMENSIONS

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



**TECHNICAL DATA**

Parameters	AIRLITE HRV 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:

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