BLAUBERG / NA

BLAULITE ERV EC

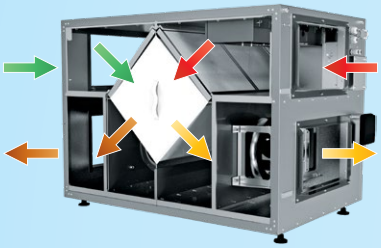
Energy recovery ventilators
for commercial applications
featuring advanced EC
(Electronically Commutated)
motor technology

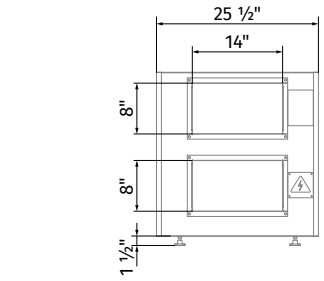
Intertek

BLAULITE

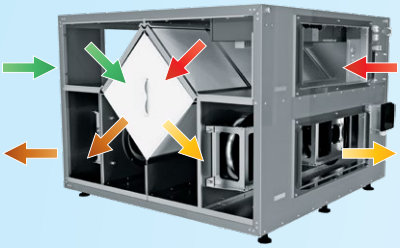
BLAULITE energy recovery ventilators are available in five sizes with one, two or three high-efficiency EC fans in array on both supply and exhaust sides. Units are specially designed for commercial applications.

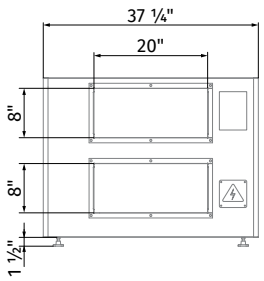
BLAULITE ERV 5 EC, ERV 8 EC



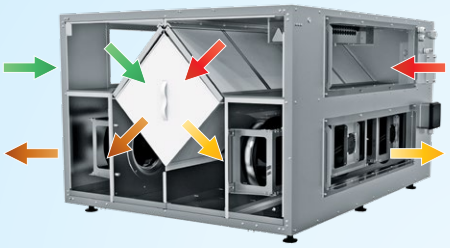


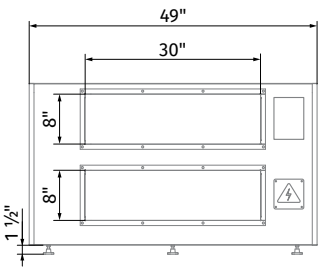
BLAULITE ERV 13 EC, ERV 17 EC



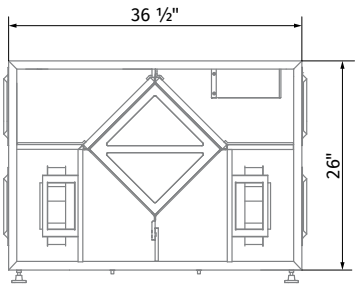


BLAULITE ERV 25 EC





BLAULITE
ERV 5 EC / ERV 8 EC / ERV 13 EC /
ERV 17 EC / ERV 25 EC



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.

FANS

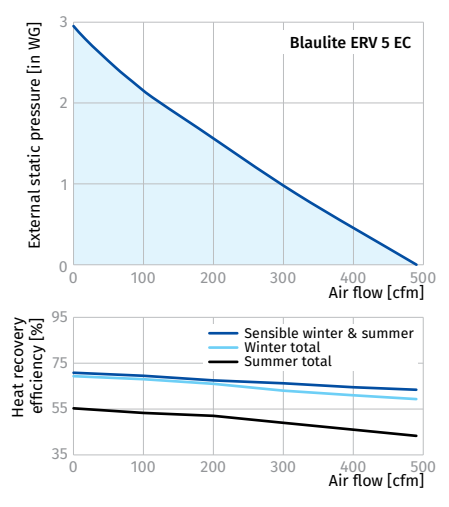
The unit is equipped with supply and exhaust centrifugal fans featuring backward-curved blades and advanced EC (Electronically Commutated) motor technology. These fans deliver superior energy efficiency and precise speed control. They come with built-in thermal overheating protection and an automatic restart function, ensuring consistent and reliable performance.

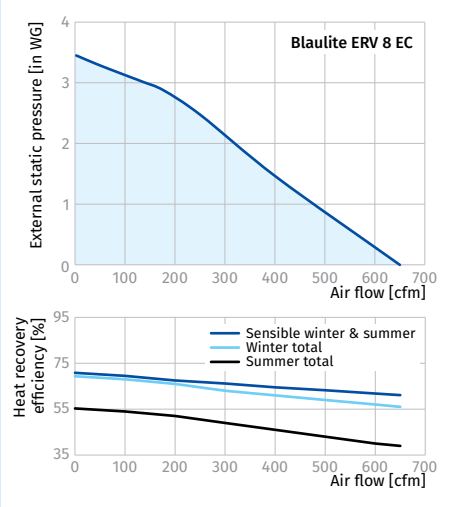
Additionally, both the electric motors and impellers are dynamically balanced to minimise noise and vibration, providing smooth and efficient operation.

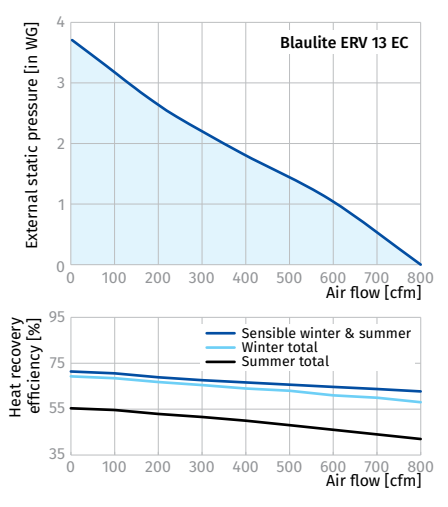
DEFROST SYSTEM

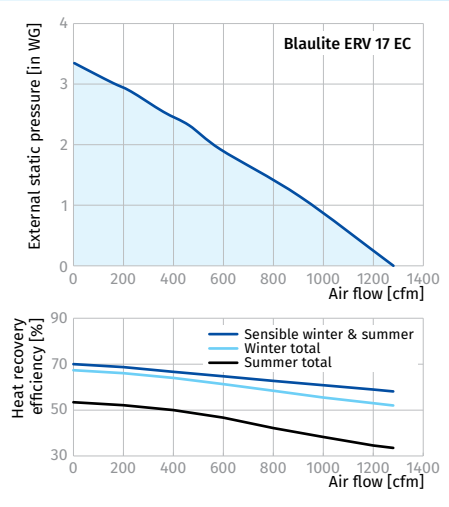
The fan-stop defrost mode is activated by stopping the supply fan when the outdoor air temperature drops below 23 °F (-5 °C).

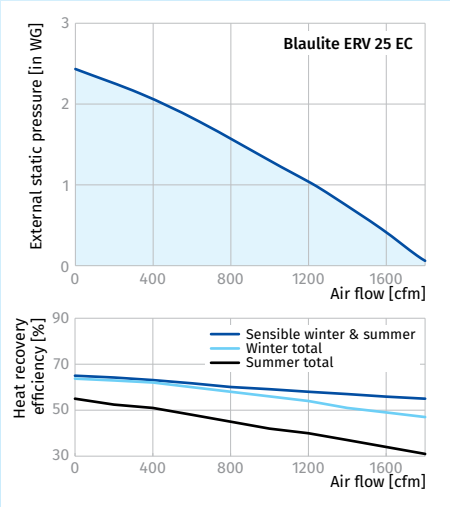
Parameters	Blaulite ERV 5 EC	Blaulite ERV 8 EC	Blaulite ERV 13 EC	Blaulite ERV 17 EC	Blaulite ERV 25 EC
Voltage [V / 60 Hz]	1 ~ 208	1 ~ 208	1 ~ 208	1 ~ 208	1 ~ 208
Unit power [W]	330	480	650	940	1385
Full Load Amps [A]	2.4	3.2	4.8	6.4	9.6
Minimum circuit Amps [MCA]	3.0	4	6	8	12
Maximum over current protection [MOP]	15	15	15	15	15
Sensible effectiveness @ max air flow [%]	63	65	63	58	55
Air flow @ ESP 0.4" WG [CFM]	400	580	730	1140	1600
Air flow max [CFM]	490	650	800	1280	1800
Transported air temperature [F]	+5 up to +90	+5 up to +90	+5 up to +90	+5 up to +90	+5 up to +90
Outer skin casing material	21 gauge galvanized steel	21 gauge galvanized steel	21 gauge galvanized steel	21 gauge galvanized steel	21 gauge galvanized steel
Insulation	1" mineral wool	1" mineral wool	1" mineral wool	1" mineral wool	1" mineral wool
Connected air duct size [in]	8×14	8×14	8×20	8×20	8×30
Net [lb]	110	148	179	209	276
Gross [lb]	225	258	313	364	419











ENERGY RECOVERY CORE

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

FILTER

Washable MERV 8 air filters in exhaust and supply air streams as standard. Filters MERV 13 are optional.

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.

Blauberg North America
1501 Veterans Memorial Pkwy E,
Lafayette, IN 47905
tel.: 765 780 7139

info@blauberg-na.com
blauberg-na.com

Technical changes reserved.
Illustrations and texts are non-binding.

11/2026