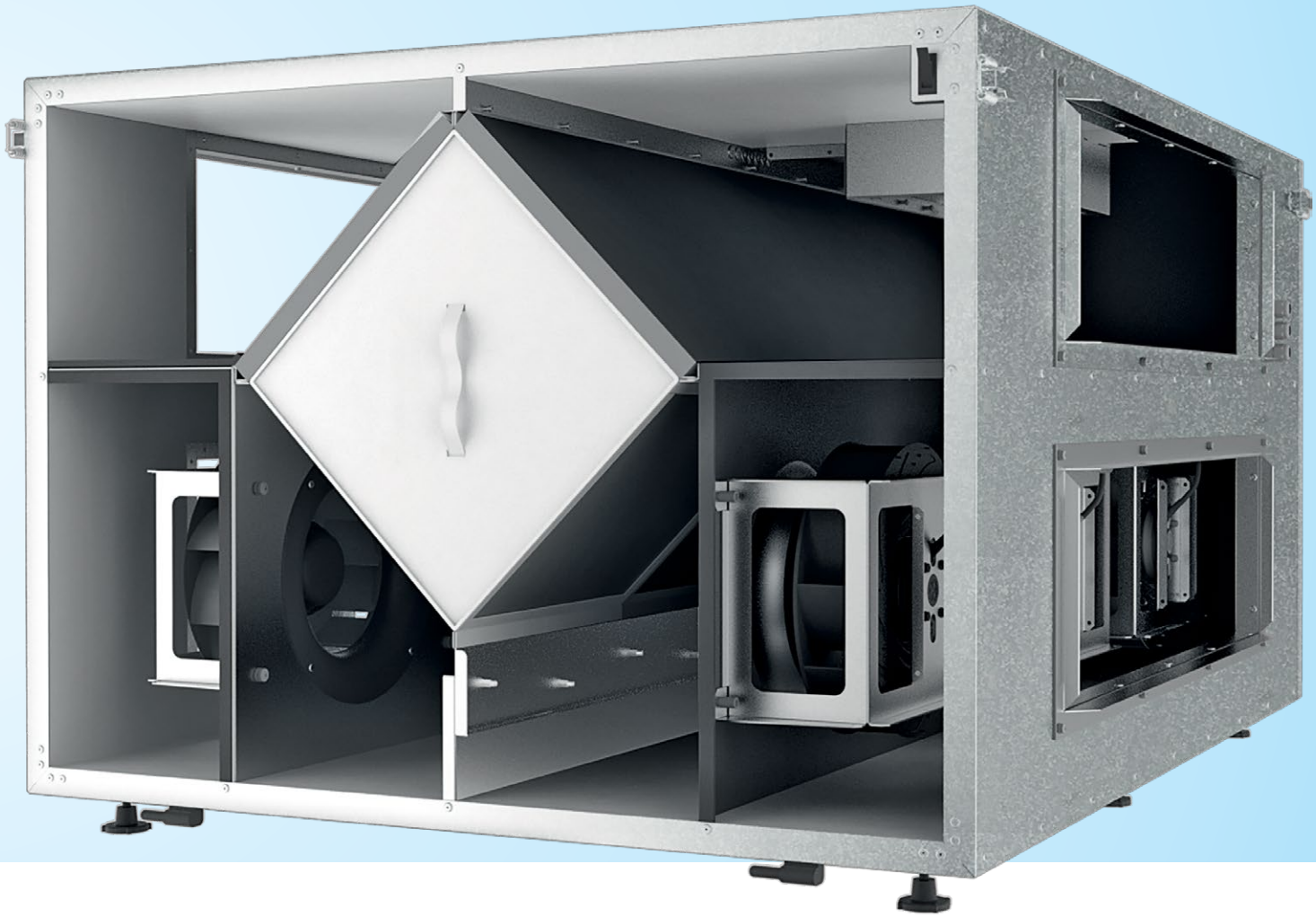
BLAUBERG / NA



BLAULITE HRV

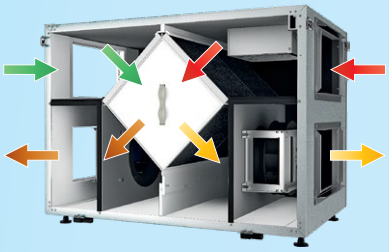
Heat recovery ventilators
for commercial applications

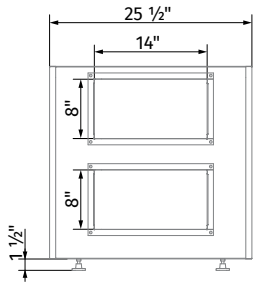
Intertek

BLAULITE

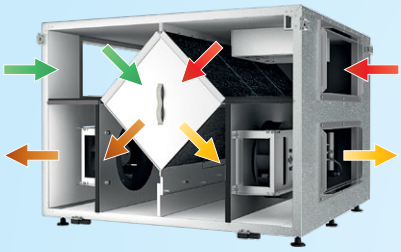
BLAULITE heat recovery ventilators are available in five sizes with one, two or three fans in array on both supply and exhaust sides. Units are specially designed for commercial applications.

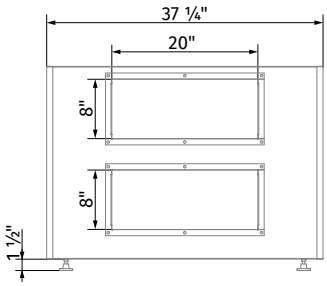
BLAULITE HRV 5, HRV 8



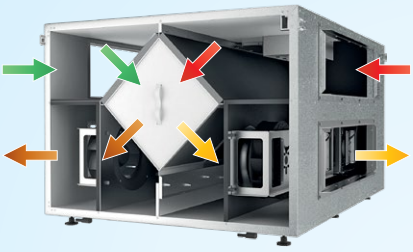


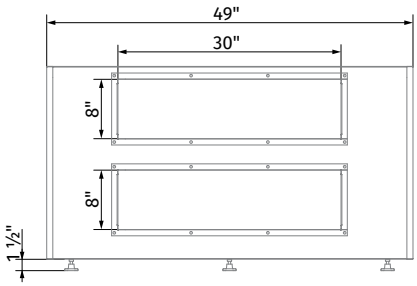
BLAULITE HRV 13, HRV 17



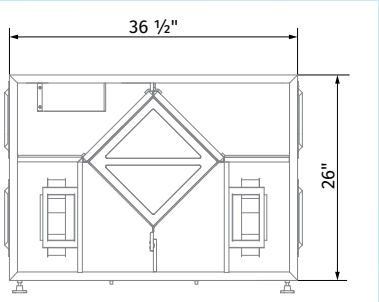


BLAULITE HRV 25





BLAULITE
HRV 5 / HRV 8 / HRV 13 / HRV 17 / HRV 25



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.

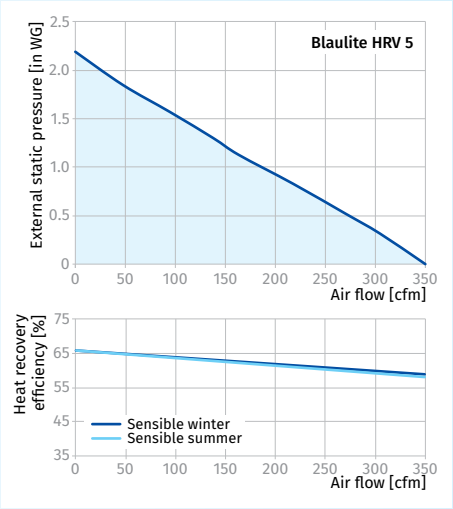
FANS

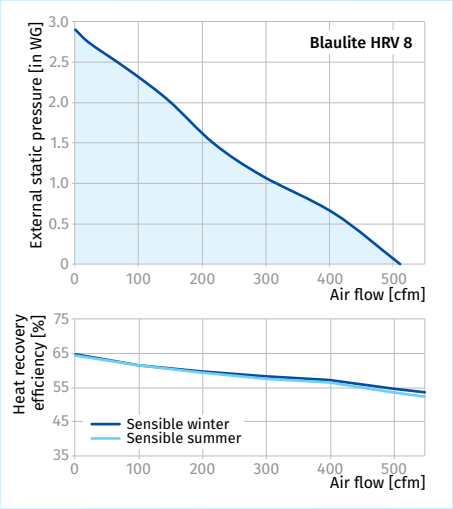
The unit is equipped with supply and exhaust centrifugal fans with backward curved blades and build-in thermal overheating protection with automatic restart. The electric motors and impellers are dynamically balanced.

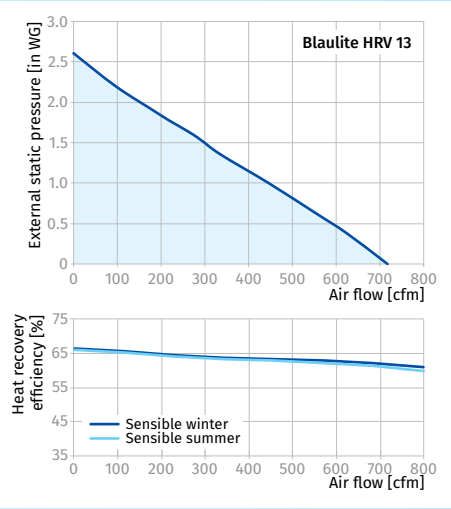
DEFROST SYSTEM

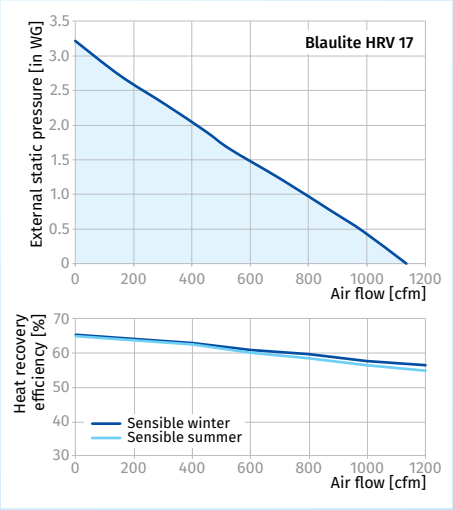
The fan-stop defrost mode is activated by stopping the supply fan when the outdoor air temperature drops below 23 °F (-5 °C).

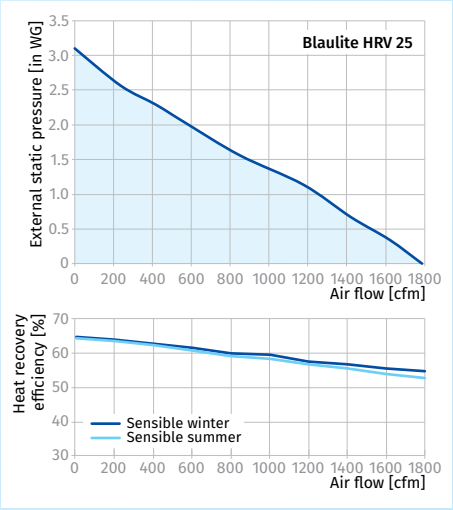
Parameters	Blaulite HRV 5	Blaulite HRV 8	Blaulite HRV 13	Blaulite HRV 17	Blaulite HRV 25
Voltage [V / 60 Hz]	1 ~ 120	1 ~ 120	1 ~ 120	1 ~ 120	1 ~ 120
Unit power [W]	460	640	880	1330	2010
Full Load Amps [A]	4.2	5.4	8.3	10.8	16.2
Minimum circuit Amps [MCA]	5.2	6.8	10.4	13.5	20.2
Maximum over current protection [MOP]	15	15	15	20	25
Sensible effectiveness @ max air flow [%]	66	54	63	56	55
Air flow @ ESP 0.4" WG [CFM]	300	450	610	1000	1600
Air flow max [CFM]	350	510	700	1135	1785
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











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.

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.

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11/2026