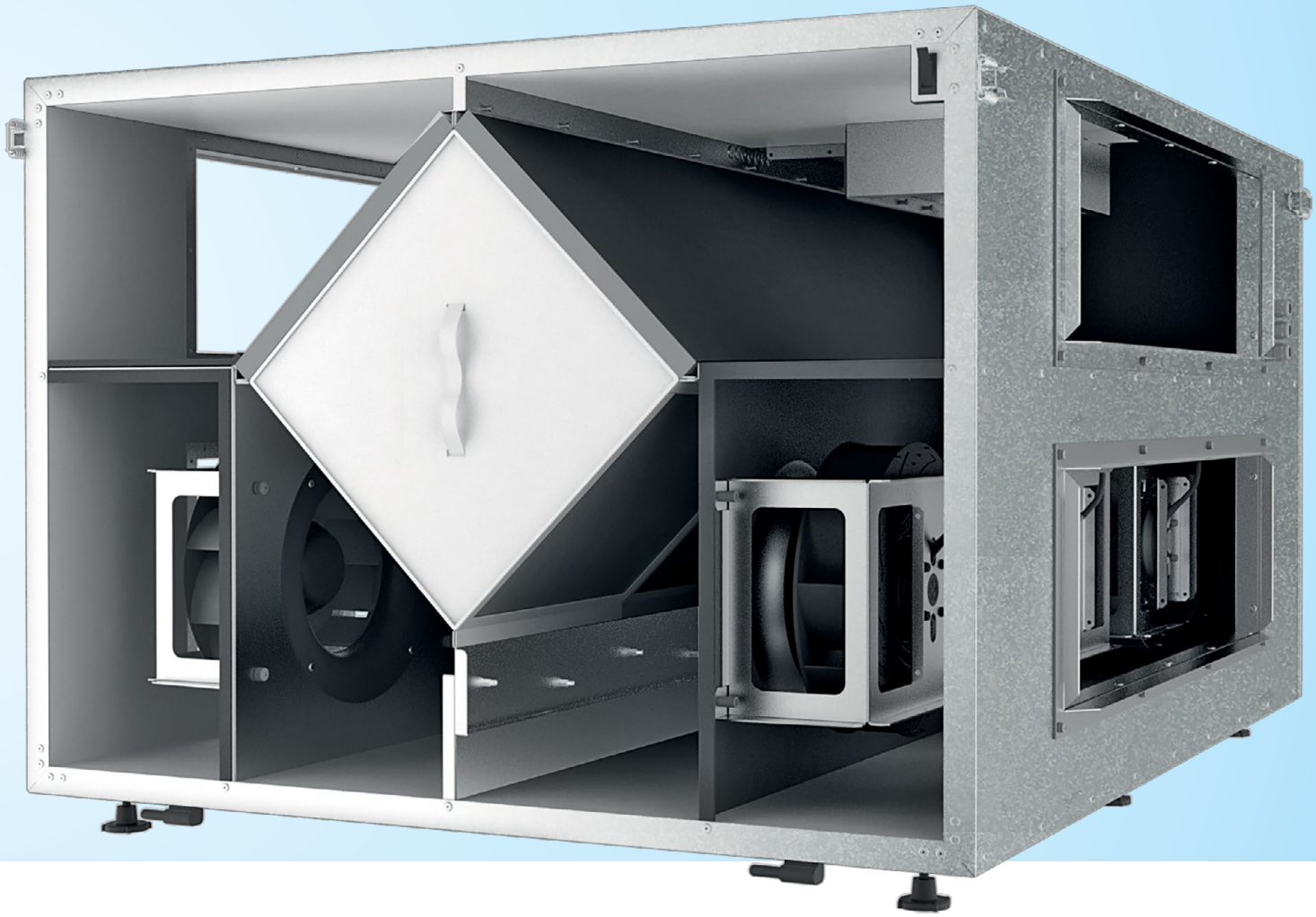
BLAUBERG Ventilatoren



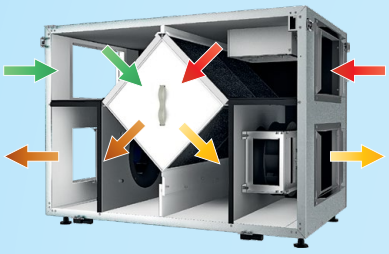
# BLAULITE HRV

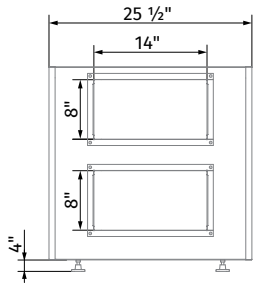
Heat recovery ventilators
for commercial applications

BLAULITE

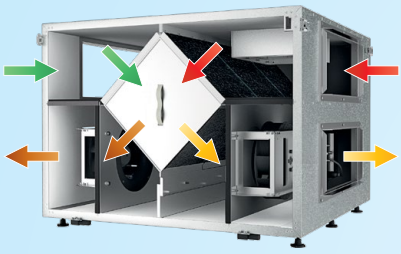
**BLAULITE** heat recovery ventilators are available in three sizes with one, two or three fans in array on both supply and exhaust sides. Units are specially designed for commercial applications.

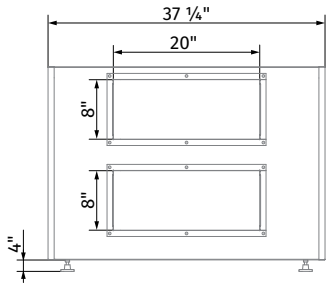
## BLAULITE HRV 8



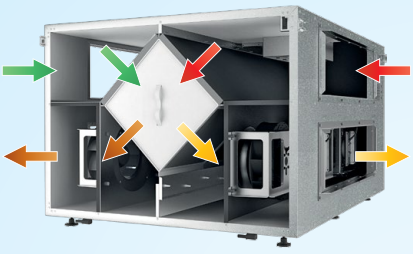


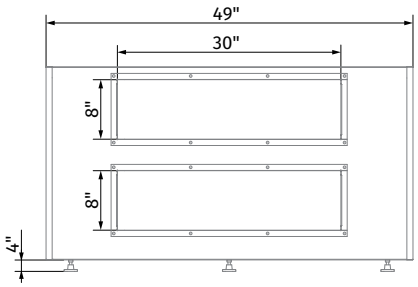

## BLAULITE HRV 17



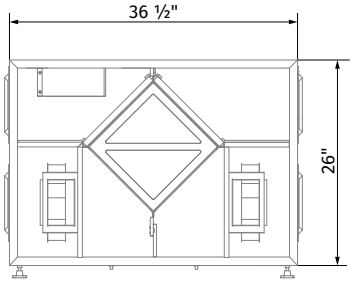



## BLAULITE HRV 25






### BLAULITE HRV 8 / 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.

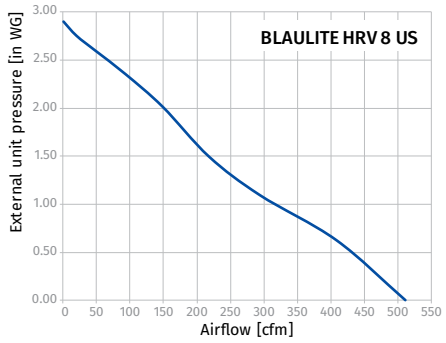
### FANS

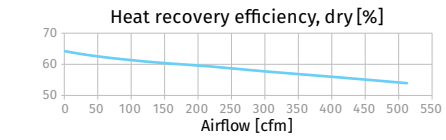
The unit is equipped with supply and exhaust centrifugal fans with backward curved blades and build-in thermal overheating protection with automatic restart. The electric motors and impellers are dynamically balanced.

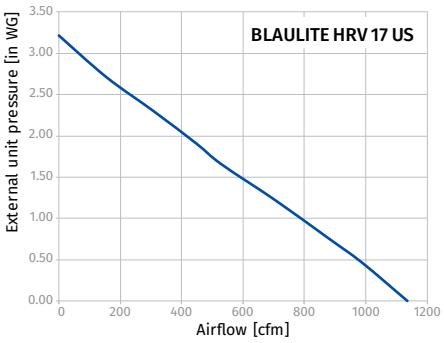
### DEFROST SYSTEM

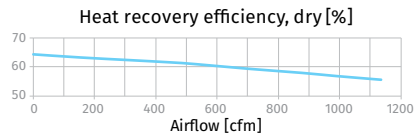
Fan stop defrost system is activated when the outdoor temperature falls below 23 °F (-5 °C).

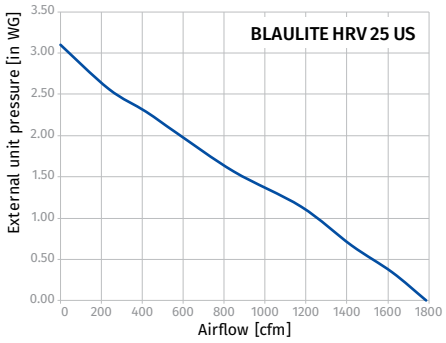
| Parameters | BLAULITE HRV 8 US | BLAULITE HRV 17 US | BLAULITE HRV 25 US |
|---|---|---|---|
| **Voltage [V / 60 Hz]** | 1 ~ 120 | 1 ~ 120 | 1 ~ 120 |
| **Unit power [W]** | 640 | 1330 | 2010 |
| **Unit current [A]** | 5.4 | 11.1 | 16.9 |
| **MFS (Maximum fuse size)** | 6.8 | 13.9 | 21.1 |
| **Sensible effectiveness @ max airflow [%]** | 54 | 56 | 55 |
| **Air flow @ ESP 0.4" WG [cfm]** | 450 | 1000 | 1600 |
| **Air flow max [cfm]** | 510 | 1135 | 1785 |
| **Transported air temperature [°F]** | -35 up to +140 | -35 up to +140 | -35 up to +140 |
| **Outer skin casing material** | 21 gauge galvanized steel | 21 gauge galvanized steel | 21 gauge galvanized steel |
| **Insulation** | 1" mineral wool | 1" mineral wool | 1" mineral wool |
| **Connected air duct size [in]** | 8×14 | 8×20 | 8×30 |

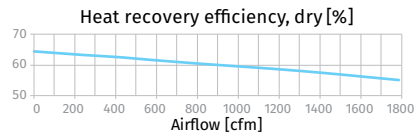



## HEAT RECOVERY CORE

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 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.

BLAUBERG Ventilatoren

BLAUBERG SELECTOR

Select the unit online in a few clicks and get full technical data at
blaubergselector.com

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06/2019