HRV EC D 130

Heat Recovery Ventilator

HRV EC D 130 are the complete whole house ventilation system designed to bring a continuous supply of fresh air into the house while exhausting an equal amount of stale air. Five year warranty.

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.
- **HRV D 130 L** – left-handed version.
- **HRV D 130 R** – right-handed version.

Air Filtration

- Washable MERV 6 air filters in exhaust and supply air streams.
- Optional: MERV 13 supply filter.

Heat Recovery Core

- Counterflow heat exchanger provides heat recovery.

Fans

- Efficient electronically commutated motors with external rotor. EC motors are featured with high performance and total speed controllable range. The electric motors and impellers are dynamically balanced.

Defrost System

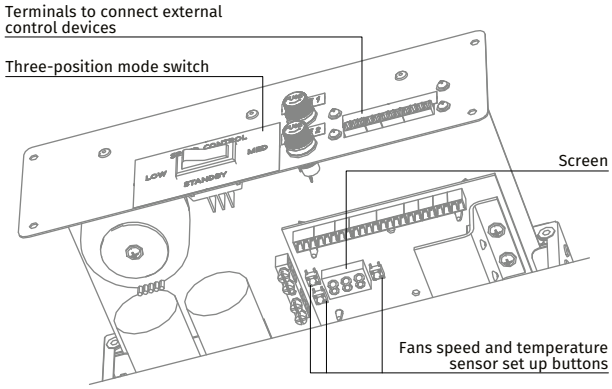
- Supply fan stop.

Manual Balancing

- Manual balancing is a standard balancing system. Fan speed manually adjusted by operating on units controller (Built-in control panel with independent fan speed adjustment 0 % – 100 %).

Control System

- Integrated control system with following functions:
  - Operation mode switch.
  - Airflow balancing enabled by supply and exhaust fan independent speed adjustment from 0 to 100 % (percentage is displayed on built in screen).
  - Automatic recovery core frost protection.
  - External control device connection (up to 5 at the same time).

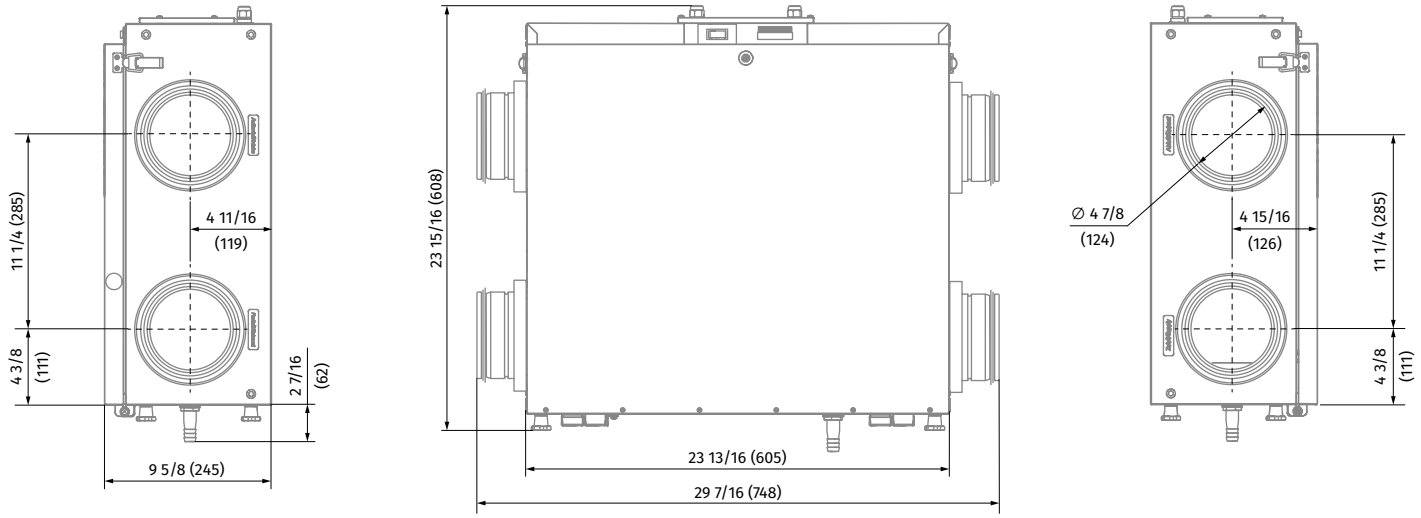


Suitable for

- Bathroom / kitchen / apartments / cottages / small offices.

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

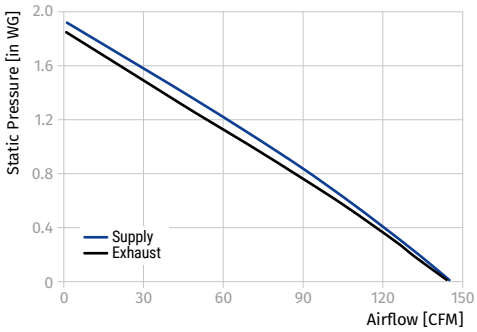
Dimensions [in (mm)]



Technical Data

External Static Pressure		Net Supply Air Flow		Gross Air Flow				Power [W]
				Supply		Exhaust		
Pa	in WG	l/s	CFM	l/s	CFM	l/s	CFM	
0	0.0	67	142	69	147	68	145	118.0
50	0.2	61	130	63	134	62	132	117.9
100	0.4	54	116	56	119	59	126	117.9
150	0.6	49	103	50	106	50	106	117.9
200	0.8	41	87	42	89	43	91	117.9
275	1.1	31	66	32	68	33	70	117.9
350	1.4	22	47	23	49	24	51	117.8
375	1.5	15	31	15	32	16	34	117.8
475	1.9	1	2	1	2	1	2	117.8

Note: fan curve performed on high speed



Energy Performance

		Supply Temperature		Net Airflow		Average Power [W]	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Net Moisture Transfer	CFM / W
		°C	°F	l/s	CFM					
Heating	III	0	32	24	51	22.7	77	81	0.00	2.25
	IV	-25	-13	21	45	32.9	75	78	0.00	1.36
Cooling	V	35	95	24	51	25	70	86	0.00	2.04

Model	Volts	Max. Watts	Max. Amps
HRV EC D 130	120 V, 60 Hz	118.2	1.5