

DESCRIPTION

Brig ERV 200 R PR EC 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.

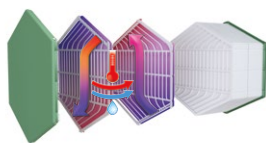
- Brig ERV 200 R PR EC - left-handed version
- Brig ERV 200 R PR EC M - right-handed version

AIR FILTRATION

Washable MERV 5 air filters in exhaust and supply air streams. Optional: MERV 13 supply filter.

ENERGY RECOVERY CORE

Enthalpy counterflow heat exchanger provides both heat and humidity 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

Recirculation

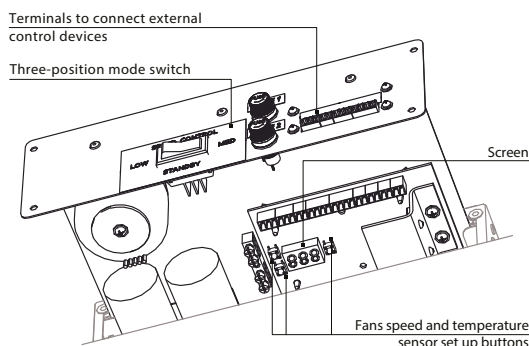


MANUAL BALANCING

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).
-

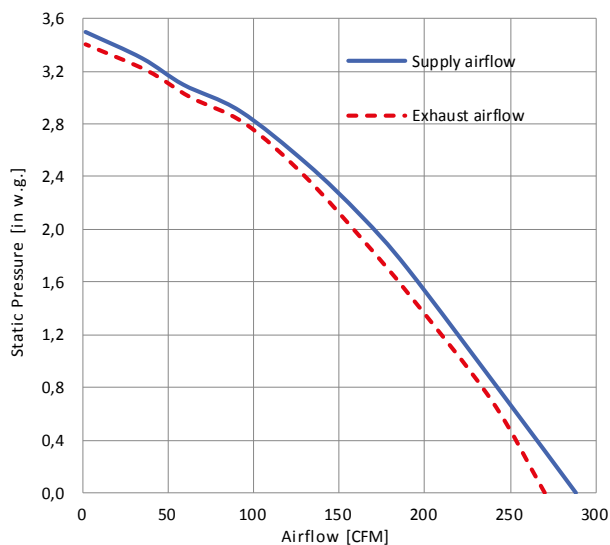


SUITABLE FOR:

Bathroom / kitchen / apartments / cottages / small offices.

PERFORMANCE

EXTERNAL STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW				POWER
				SUPPLY		EXHAUST		
Pa	in. W.G.	L/s	CFM	L/s	CFM	L/s	CFM	Watts
0	0	132	280	136	289	127	270	347,2
100	0,4	120	256	124	264	120	255	347,2
175	0,7	113	241	117	248	113	240	347,2
425	1,7	87	185	89	190	90	191	347,3
525	2,1	74	158	77	163	78	166	347,2
625	2,5	60	128	62	132	61	130	344,5
725	2,9	42	89	43	92	45	96	330,0
775	3,1	27	58	28	59	30	64	317,5
825	3,3	16	34	17	35	18	38	305,2
875	3,5	0,9	2	0,9	2	1,0	2	290,9

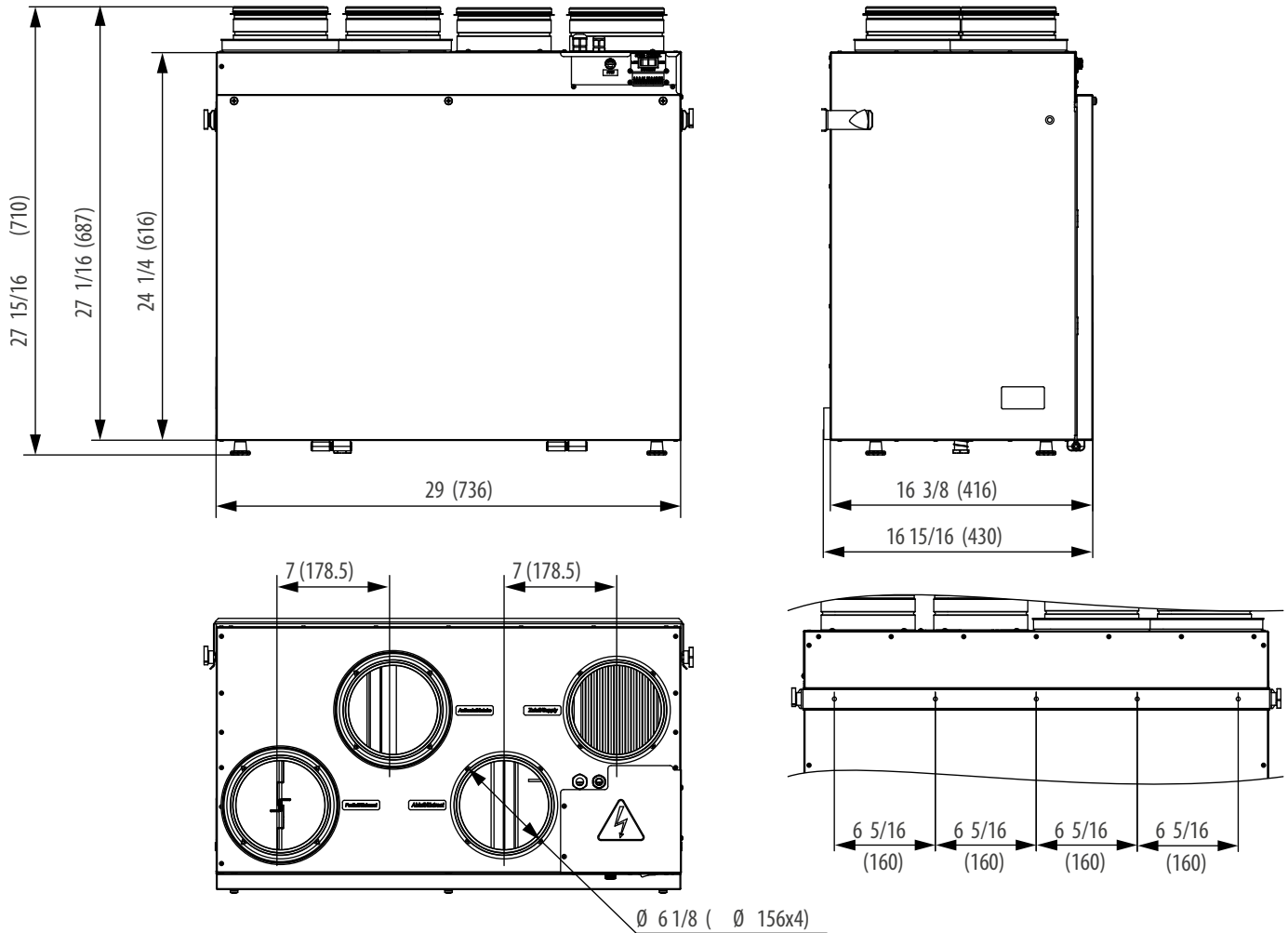


	Temp Mode	Supply Temp (°C)	Supply Temp (°F)	Net Airflow (L/s)	Net Airflow (CFM)	Average Power (Watts)	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Net Moisture Transfer	cfm / W
HEATING	I	0	32	29,8	63	18	77	79	0,75	3,62
	II	0	32	50,8	108	40	68	70	0,71	2,74
	III	0	32	80,9	172	108	64	68	0,62	1,59
	IV	-25	-13	28,5	61	62	64	66	0,68	0,98

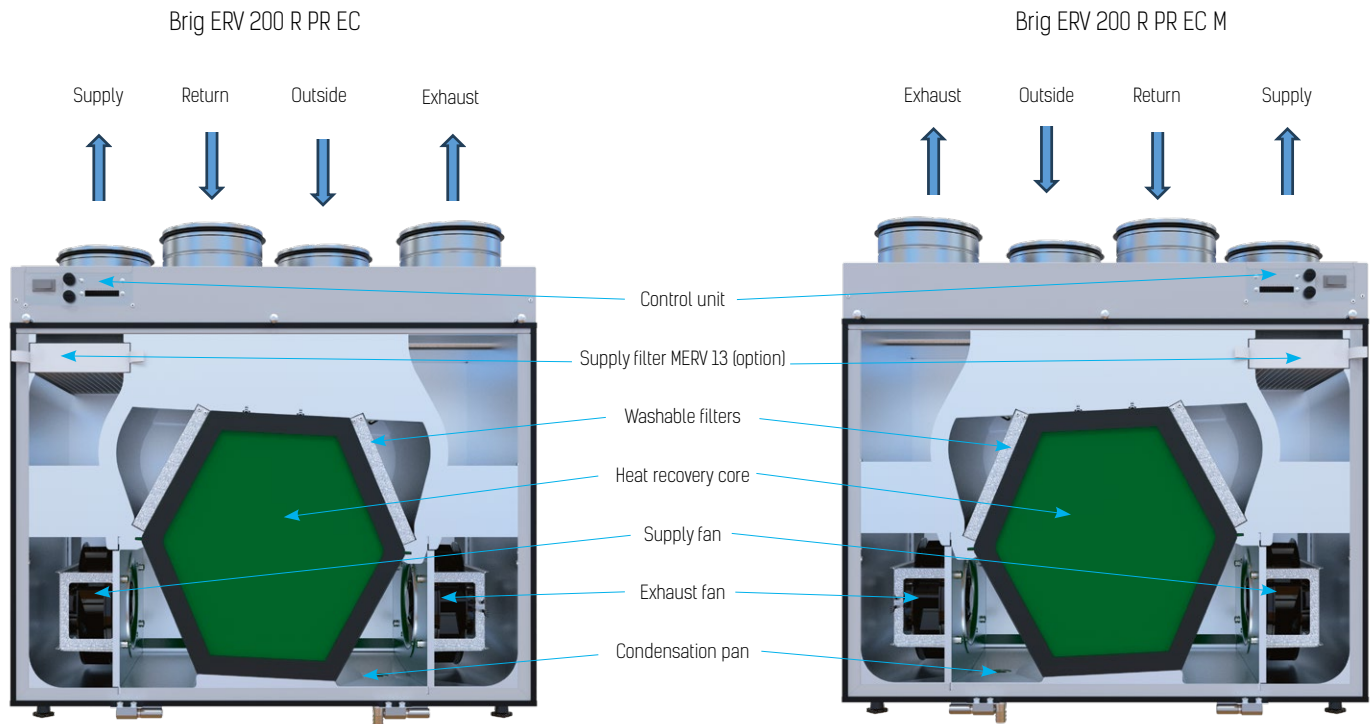
250 Pa = 1 in of water: 0.47 L/s = 1 cfm

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

DIMENSIONS



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



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

Tel: 888-640-0925
Fax: 513-583-5786

Sales@Vents-us.com
Vents-US.com
400 Murray Rd,
Cincinnati, OH 45217

HARDI

2025-02