



VORT HR 200 BP

Compact Heat Recovery unit with thermal bypass



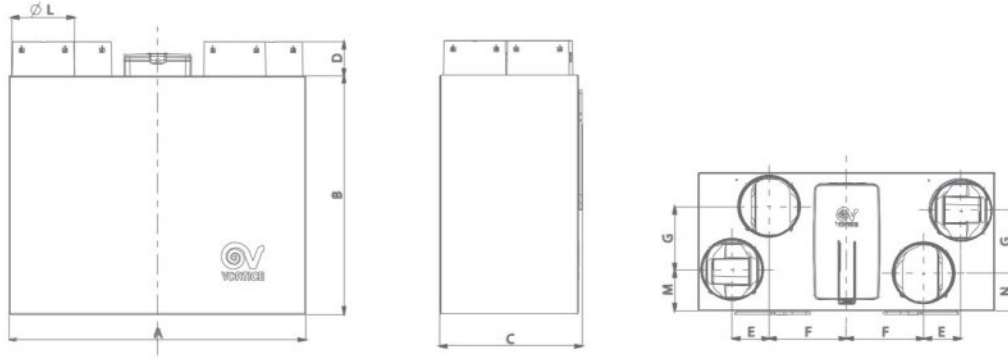
KEY FEATURES

- Fresh air is **100% fully filtered** even in bypass mode which helps to maintain good indoor air quality
- Centralised mechanical extract unit with heat recovery
- Compact Dimensions - Can be located where space is limited
- Fully automatic thermal bypass and frost protection
- Products Characteristics Database Listed (PCDB)
- Quiet operation
- Hard wired controller with LCD display
- Vertical or horizontal mounted (optional kit required)
- 2 G3 filters easily accessible by removing the front panel
- 2 speeds
- IPX2 Rated

TECHNICAL DATA

Models	Code	V ~ Hz	W	A	Max Airflow		Max Pressure		Max °C	RPM
					m³/h min/max	l/s	mmH ₂ O	Pa		
VORT HR 200 BP	12102	230	96	0.82	225	63	22.7	223	50	2800

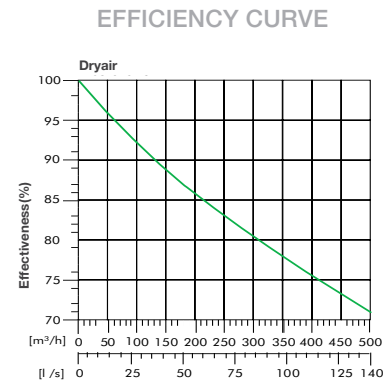
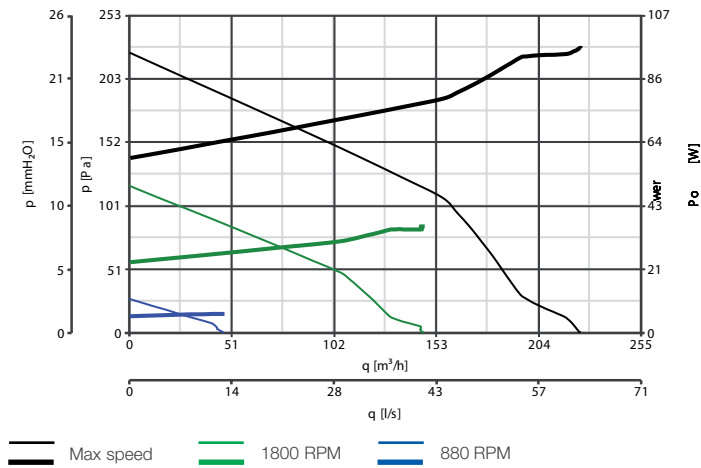
DIMENSIONS



Models	Code	A	B	C	D	E	F	G	Ø L	M	N	Kg
VORT HR 200 BP	12102	595	480	285	69	74	155	127	125	81.5	74.5	16.6

Dimensions (mm)

PERFORMANCE CURVES



Effectiveness as a function of the airflow.

PCDB DATA

K+N WET ROOMS	SFP (W/l/S) [2009]	EFFICIENCY (%) [2009]	SFP (W/l/S) [2012]	EFFICIENCY (%) [2012]
n=1	0.55	92%	0.61	90%
n=2	0.60	90%	0.80	89%
n=3	0.71	89%	1.06	87%
n=4	0.88	88%	-	-

SOUND LEVELS

RPM		Lw dB (A)						Lw dB (A)	Lp dB (A) 3m*
		125 Hz	250 Hz	500 Hz	1000 Hz	4000 Hz	8000 Hz		
Min speed 880	Supply	14,2	24,1	27,9	24,3	14,5	15,2	37,5	16,96
	Extract	11,9	18,9	22,7	15,9	14,5	15,5	33,2	12,66
	Breakout	21,2	27,1	28,9	19,4	15,8	16,4	34,8	14,26
Medium speed 1800	Supply	28,5	40,5	41,8	53,1	38,3	37	59,5	38,96
	Extract	27,1	27,1	31,8	41,2	22,2	19,1	47	26,46
	Breakout	45,8	40,7	41,1	46,2	26,9	20	53	32,46
Max speed	Supply	35,2	46,9	51	56,8	46,6	46,2	68,3	47,76
	Extract	28	30,6	38,1	41,6	24,1	23,5	49,2	28,66
	Breakout	28,5	38,9	50,1	43	32	25,6	53,2	32,66