

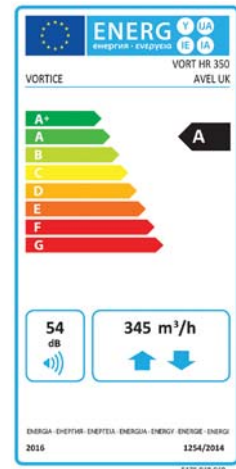


VORT HR350 AVEL HEAT RECOVERY UNIT

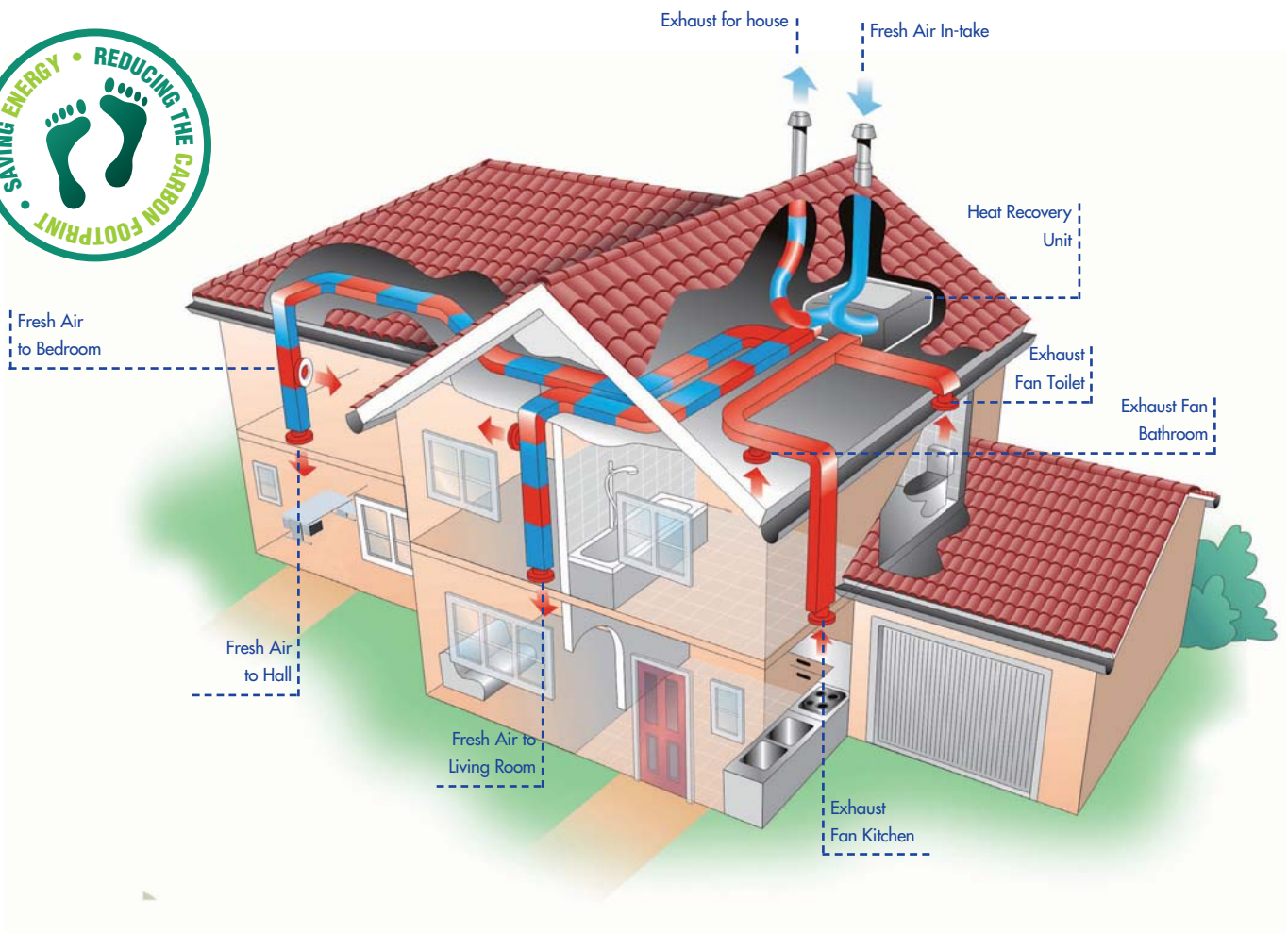
SAP APPENDIX Q ELIGIBLE

THE FEATURES OF THE VORT HR350 AVEL

- EST Best Practice – SAP Appendix Q
- Fresh air is 100% fully filtered even in bypass mode which helps to maintain good indoor air quality within the home
- Quiet operation as low as 18.9dB (A)*
- Lightweight construction
- Removable hinged door for easy maintenance
- EC brushless motors
- Frost protection
- Complete with x 2 G3 Filters
- Wired electronic controller with LCD panel which displays unit status
- IPX2 Rated



* This reading was taken in free field conditions at a distance of 3 metres



VORT HR350 AVEL – APPENDIX Q LISTED

The Standard Assessment Procedure (SAP) – Appendix Q data is the test results published by the independent test house, BRE UK for all Mechanical Ventilation Heat Recovery units.

This data is used by your Energy Assessor in conjunction with DEAP software to improve the energy rating of your dwelling in relation to BER Certification.

The BER certification is mandatory for all dwellings new or existing since January 1st 2009.

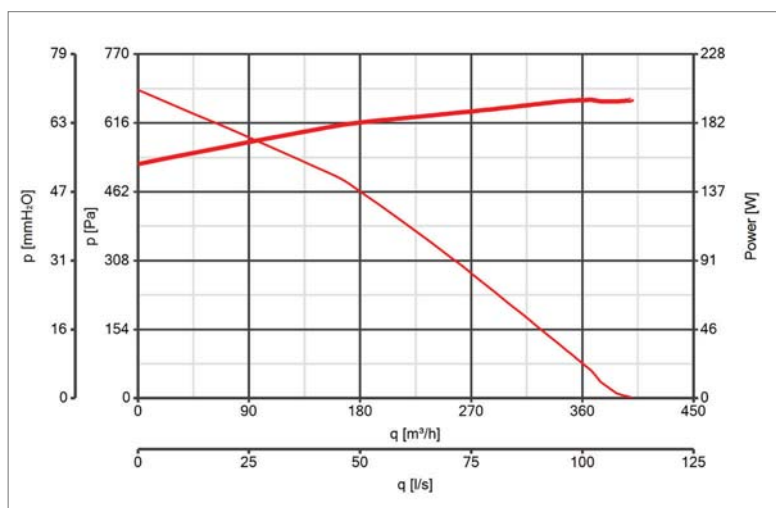
Results for SAP calculations (at minimum flow rate condition)

This product has only been tested with rigid ductwork and the data are not applicable for SAP calculations if installed with flexible ductwork.

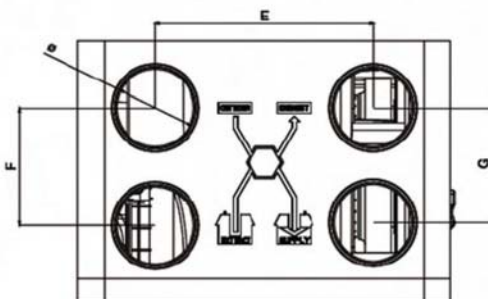
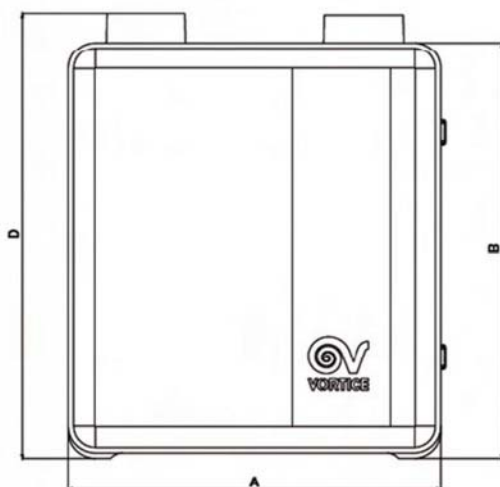
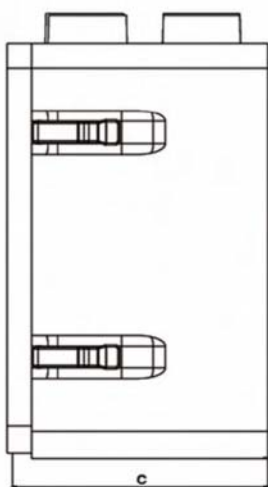
Table Q2 – Systems with **rigid** ductwork only

Exhaust terminal configuration	Fan speed setting	Specific fan power (W/l/s)	Heat exchange efficiency (%)	Energy Saving Trust Best Practice Performance Compliant
Kitchen + 1 additional wet room	100% variable	0.61	91%	Yes
Kitchen + 2 additional wet rooms	100% variable	0.56	91%	Yes
Kitchen + 3 additional wet rooms	100% variable	0.56	90%	Yes
Kitchen + 4 additional wet rooms	100% variable	0.65	90%	Yes
Kitchen + 5 additional wet rooms	100% variable	0.72	89%	Yes
Kitchen + 6 additional wet rooms	100% variable	0.85	89%	Yes
Kitchen + 7 additional wet rooms	100% variable	0.99	88%	Yes

Code	V - 50Hz	W	A	Max Airflow m ³ /hr	Max Airflow l/s	Max Pressure mmH ₂ O	Max Pressure Pa	Max °C	Kg
11296	230	165	1.4	390	108	70	690	50	22



VORT HR350 AVEL IMAGES AND DIMENSIONS



Models	Code	A	B	C	Ø	D	E	F	G
Vort HR350 Avel	11296	700	780	480	150	835	410	220	215