

WHHRC180DC

SAP Q Eligible

WHOLE HOUSE HEAT RECOVERY UNIT



FEATURES

- Highly efficient, low energy solution to condensation and pollutant control
- Continuous ventilation in kitchen plus up to 4 additional wet rooms
- Up to 88% heat exchange efficiency
- Low noise levels
- Building Regulations Part L and Part F compliant
- EST Best Practice Performance Compliant

GENERAL

- SAP Q eligible whole house heat recovery units for homes
- continuous ventilation in kitchen and up to 4 additional wet rooms
- airflow at 150Pa - 180m³/hr
- suitable for areas up to 150m²
- up to 88% of heat is recovered from air extracted from warm, moist rooms to create a stable, comfortable, healthy environment
- constant flow fans keep air flow rate at same level under all conditions
- easy to install
- for fitting into lofts or cupboards
- multiple choice low (trickle) speed and boost options
- boost speed options available
- frost protection system
- low noise levels
- low running costs
- integral filters which remove 95% of dust from incoming air
- guaranteed for 3 years
- Vectaire Ltd can supply all accessories for use with these units, including ducting and metal filters, outside grilles and wall cowl

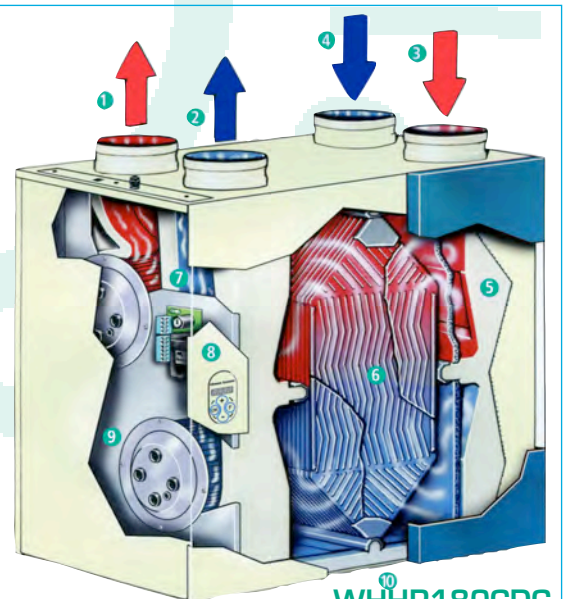
SPECIFICATION

- compact units
- incoming air via a G6 pollen filter
- WHHR180DC connection via 125mm spigot

COMPLIES WITH

- Part L of Building Regulations for enhanced energy saving capability
- Part F of Building Regulations for reliable, efficient ventilation
- EU RoHS Directive Compliant.
- Conforms to requirements of EC Council directives relating to Electromagnetic Compatibility and Electrical Safety: 2006/95/EC (LVD), 2004/108/EC (EMC) EN 60335-1:2002/A2:2006, EN 60335-2-80:2003/A1:2004.
- CE marked
- SAP Q eligible

1. Heated fresh air
2. Cold stale air to outside
3. Warm stale air
4. Fresh outside air
5. Filters
6. Heat exchanger
7. Control pcb
8. Settings Display
9. Direct current fans
10. Condensate discharge



WHHR180DC

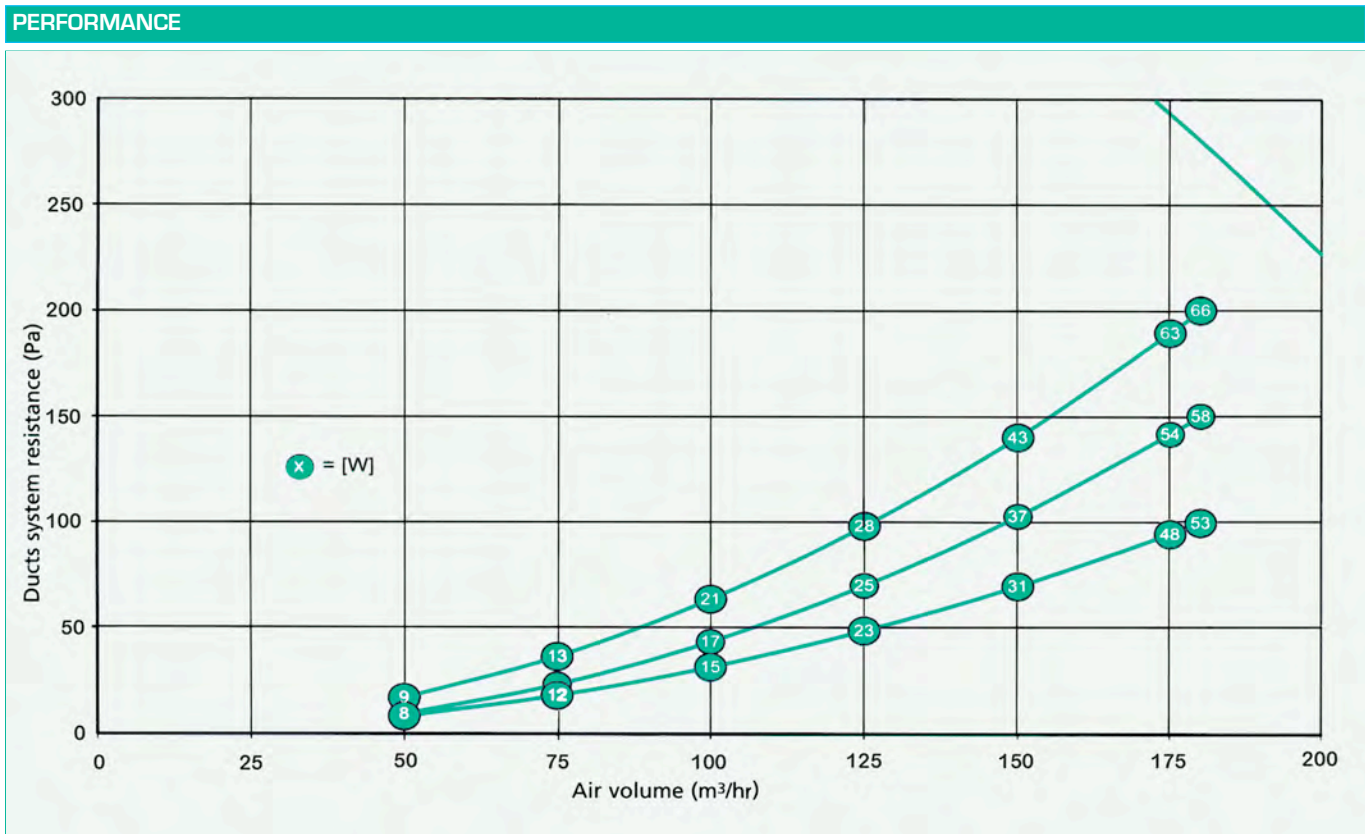


WHHR180CDC - TECHNICAL INFORMATION

ENERGY LEVEL PERFORMANCE - using rigid ducting				
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	50m ³ /hr	0.84	88	yes
Kitchen + 2 additional wet rooms	85m ³ /hr	0.84	88	yes
Kitchen + 3 additional wet rooms	110m ³ /hr	0.91	87	yes
Kitchen + 4 additional wet rooms	130m ³ /hr	1.12	84	yes

Figures from BRE test results

TECHNICAL SPECIFICATION					
Model	m ³ /hr @ 150Pa	Watts	Duct Connection dia mm	Dims H x W x D	Weight kg
WHHRC180DC	180 max	120 max	125 mm	600 x 560 x 290	25





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