

WHHR300DC

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 7 additional wet rooms
- Up to 95% heat exchange efficiency
- Low noise levels
- Building Regulations Part L and Part F compliant

GENERAL

- **SAP Q eligible** whole house heat recovery units for homes
- continuous ventilation in kitchen and up to 7 additional wet rooms
- airflow at 150Pa - 300m³/hr
- suitable for areas up to 250m²
- up to 84% 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 obtainable by user via remote switch/pull cord (ie a volt free contact switch - not supplied) **or** by a CO₂ sensor, humidistat, thermostat, or PIR sensor using an intermediate, external relay (available separately)
- frost protection system
- summer/night ventilation bypass unit available
- 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

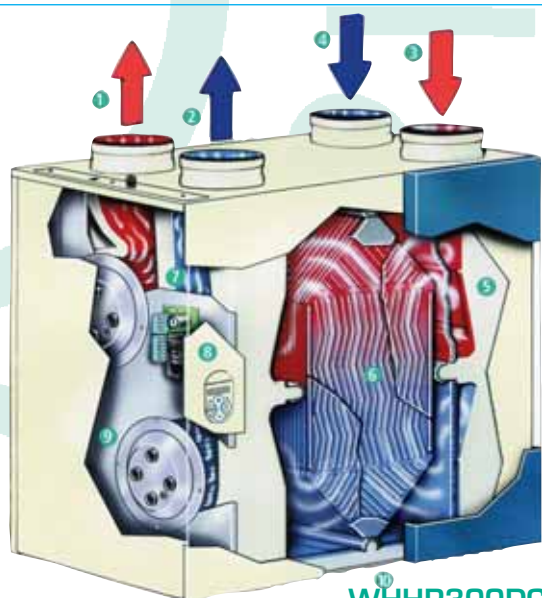
SPECIFICATION

- compact units
- incoming air via a G6 pollen filter
- WHHR300DC connection via 150mm or 160mm 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



WHHR300DC



WHHR300 - TECHNICAL INFORMATION

ENERGY LEVEL PERFORMANCE - using rigid ducting

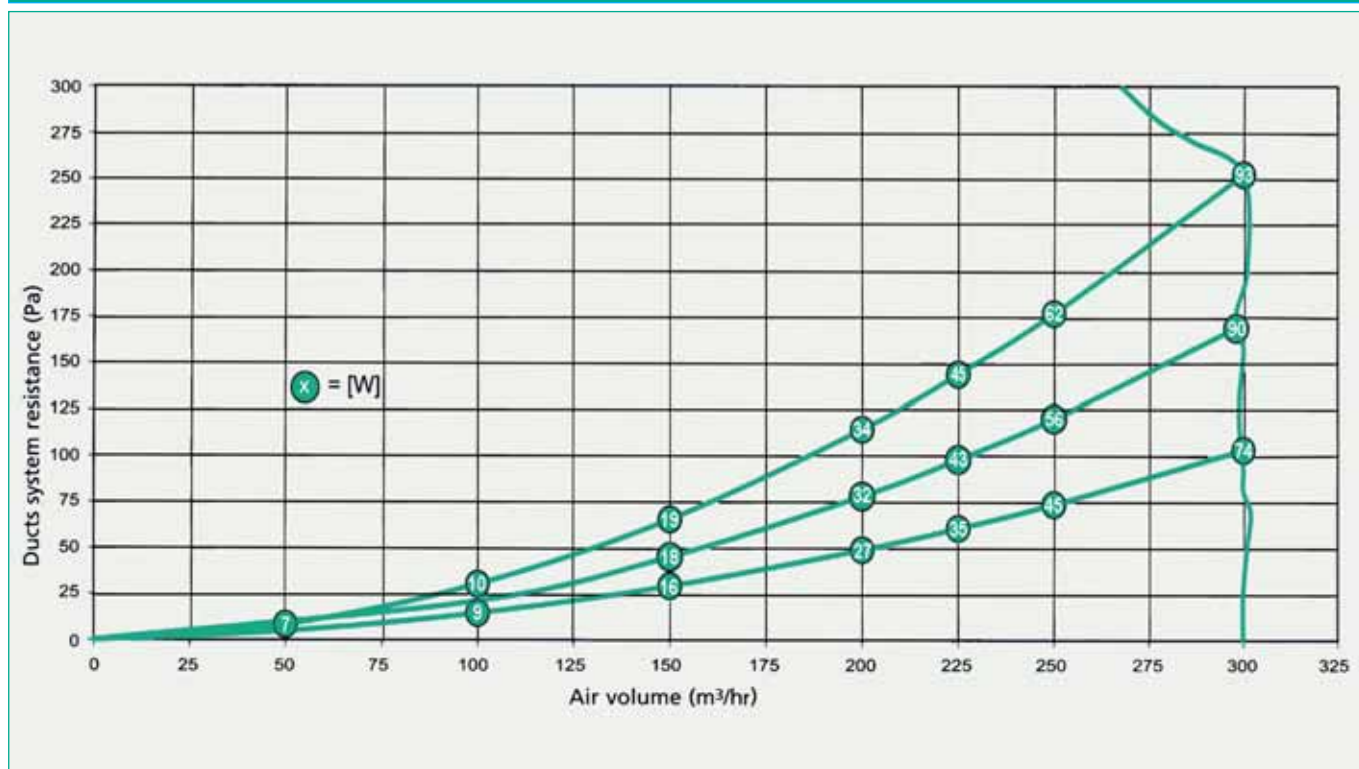
Exhaust Terminal Configuration	Fan Speed Setting	Specific Fan Power (W/l/s)	Heat Exchange Efficiency (%)	Energy Saving Trust Best Practice Performance Compliant
Kitchen + 1 additional wet room	50m ³ /hr	0.94	84	no
Kitchen + 2 additional wet rooms	80m ³ /hr	0.72	84	no
Kitchen + 3 additional wet rooms	110m ³ /hr	0.76	84	no
Kitchen + 4 additional wet rooms	135m ³ /hr	0.88	83	no
Kitchen + 5 additional wet rooms	150m ³ /hr	0.92	82	no
Kitchen + 6 additional wet rooms	165m ³ /hr	1.05	81	no
Kitchen + 7 additional wet rooms	185m ³ /hr	1.17	80	no

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
WHHR300DC	300 max	175 max	150 & 160 mm	602x675x420 (500 with bypass)	31

PERFORMANCE



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