

Standard Assessment Procedure 2005 – Appendix Q MVHR Product Data

Product tested **HRU ECO 4**

Results for Appendix Q at minimum flow rate condition

This product has only been tested with rigid ductwork and it is not applicable for SAP Appendix Q if installed with flexible ductwork.

Table Q2 – Systems with rigid ductwork only

Exhaust terminal configuration	Fan speed setting	Total flow supply rate (l/s)	Total exhaust flow rate (l/s)	Specific fan power (W/l/s)	Heat recovery efficiency (%)	Energy Saving Trust Best Practice Performance Compliant
Kitchen + 1 additional wet room	Supply & Extract – 100% variable	15.0	15.0	0.46	91	Yes
Kitchen + 2 additional wet rooms	Supply & Extract – 100% variable	21.0	21.0	0.46	90	Yes
Kitchen + 3 additional wet rooms	Supply & Extract – 100% variable	27.0	27.0	0.50	88	Yes
Kitchen + 4 additional wet rooms	Supply & Extract – 100% variable	33.0	33.0	0.56	88	Yes
Kitchen + 5 additional wet rooms	Supply & Extract – 100% variable	39.0	39.0	0.65	87	Yes
Kitchen + 6 additional wet rooms	Supply & Extract – 100% variable	45.0	45.0	0.75	87	Yes
Kitchen + 7 additional wet rooms	Supply & Extract – 100% variable	51.0	51.0	0.87	87	Yes

These figures must NOT be entered directly into the SAP worksheet or any software. They must be entered into the SAP Q Calculation Spreadsheet

