

TECHNICAL DATA SHEET

Slimline 300 | High Efficiency, Low Profile Heat Recovery System

* A+ A



KEY FEATURES

- ✓ Low Specific Fan Power (SFP) of 0.60 W/l/s and high thermal efficiency of up to 90%
- ✓ 100% automatic integral mechanical bypass with no reduction in airflow
- ✓ Optional duct-mounted humidity sensor
- ✓ Intelligent frost protection
- ✓ Intelligent control module as standard
- ✓ Passivhaus Certified
- ✓ 2 year warranty

PRODUCT CHARACTERISTICS DATABASE (PCDB)

Exhaust Terminal Configuration	Specific Fan Power (W/l/s)	Heat Recovery Efficiency (%)
Kitchen + 1 wet room	0.60	90
Kitchen + 2 wet rooms	0.62	90
Kitchen + 3 wet rooms	0.71	87
Kitchen + 4 wet rooms	0.83	86
Kitchen + 5 wet rooms	0.97	85
Kitchen + 6 wet rooms	1.12	84

SAP 2012

PRODUCT

The Slimline 300 shall be a constant flow, low profile and lightweight whole house heat recovery ventilation system.

APPLICATION SUITABILITY

The high-efficiency and constant flow EnviroVent Slimline 300 is ideal for ceiling mounted or wall mounted applications such as apartments, care homes, offices and student accommodation to provide optimum ventilation.

The Slimline 300 unit has a maximum airflow rate of 300 m³/h and a high thermal efficiency heat exchanger up to 92% to improve indoor air quality and deliver optimum comfort. A 'Plus' version shall also be available featuring additional connection options such as a CO₂ sensor.

PERFORMANCE

Ventilation capacity at 150Pa (m³/h)	System sound emission dB(A)	Rated power at 70% of the max appliance capacity (W)
Max 300	<46 at 225 m³/h & 100 Pa	51 at 210 m³/h & 50 Pa

*Note: 'A+' rating only applicable to Slimline 300 with 2 or more sensors

SOUND POWER

In practice, the value may deviate 1 dB(A) as a result of measuring tolerances

Ventilation capacity (m³/h)		100		150		225			300	
Sound power level Lw (A)	Static pressure (Pa)	17	40	38	80	84	100	160	150	178
	Housing emission dB(A)	29	30	37	40	46	46	47	53	53
	Duct “from dwelling” dB(A)	32	32	41	43	49	49	50	55	55
	Duct “to dwelling” dB(A)	43	44	51	53	60	61	62	69	68

ACCREDITATIONS

- Conforms to the requirements of the UK Building Regulations and the Technical Standards for Ventilation
- Conforms to requirements of the EC council directives relating to Electromagnetic Compatibility and Electrical Safety (LDV and EMC).
- CE Marked
- SAP PCDB Listed
- Passive House Certified

