

VIGO 200

CONTINUOUS MECHANICAL VENTILATION WITH HEAT RECOVERY



PRODUCT INFORMATION

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CONTINUOUS MECHANICAL VENTILATION WITH HEAT RECOVERY



APPLICATION

A low profile whole-house heat recovery unit, suitable for ceiling or floor mounting. The unit can be used to ventilate smaller apartments and houses.



OPERATION

The VIGO 200 is supplied with a multifunction LCD Display as standard. The display can be wired remote to the unit so settings can be changed without having to access the unit.

The display allows advanced control features including:

- Three completely adjustable speed settings, selectable from the display panel.
- **Holiday mode**, to provide minimum ventilation when there is no occupation.
- **Night mode** which disables boost when occupants are likely to be sleeping.
- **Free cooling** that limits overheating in summer.
- **Airflow balancing** to allow individual fan control and ensure a balanced supply and extract.
- **Filter replacement reminder** and fan failure indication.
- **Working hour counter.**
- Volt-free contacts for remote ambient sensors (SEN-HY, SEN-PIR, SEN-CO2).
- Analogic input 1-10V for "slave" function if connected to BMS (home automation) system.
- Connection for pre/post heaters, connections for dehumidification.



FEATURES / BENEFITS

Low Noise Internally the unit is aerodynamically designed to ensure noise levels are extremely low.

Efficient Heat Recovery Up to 88% of the heat from the stale air is recovered via a highly efficient counter-flow heat exchanger.

Automatic LCD Display with advanced control features.

Rigidity A robust, yet lightweight unit with a powder coated galvanised sheet steel casing.

Easy Installation Suitable for false-ceiling or floor installation. 240mm height (275mm max. including fixing brackets and drain connection) to overcome shallow ceiling voids.

Free Cooling thermal bypass function that limits the risk of overheating.

Automatic Frost Protection Prevents damage to the heat exchange block in particularly cold weather.

Filters G4 Filters fitted as standard.

Quality Management All units in the Elta Fans range are tested to the Latest Standards.

Warranty Each **VIGO 200** has a 5 year warranty as standard.

**PROVIDES WHOLE HOUSE VENTILATION
LOWERS HEATING BILLS
ULTRA QUIET
ADVANCED CONTROL FEATURES**

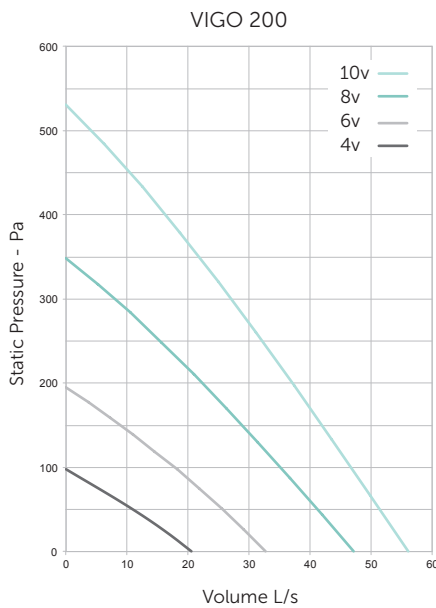


**K+6 KITCHEN +
6 WET ROOMS**

0.80 SFP

88% EFFICIENCY

PERFORMANCE CURVE



CONTROLS

PIR Sensor	149-SEN-PIR
Potentiometer for Speed Control of EC Motors	149-SEN-CTRLM
Tamperproof Humidistat	149-HS2
3 speed Controller	149-SEN-3V
Display Module (Supplied with Automatic Versions)	149-SEN-CTRLD
Momentary Boost Switch	149-SEN-MS

ENERGY RATING: A

PERFORMANCE DATA

Model	Air flow L/s max	Power W max	SFP	Sound Pressure dB(A) @3m	Heat Exchange Efficiency %	Ambient Temperature °C max
VIGO 200	56.1	105	0.80	21	88	40

220V, 50Hz. Air performance measured according to ISO 5801. Thermal efficiency and air-tightness details have been measured at BRE independent laboratory. Sound pressure level at 3m in free field, 40% speed.

VIGO 200 TEST RESULT

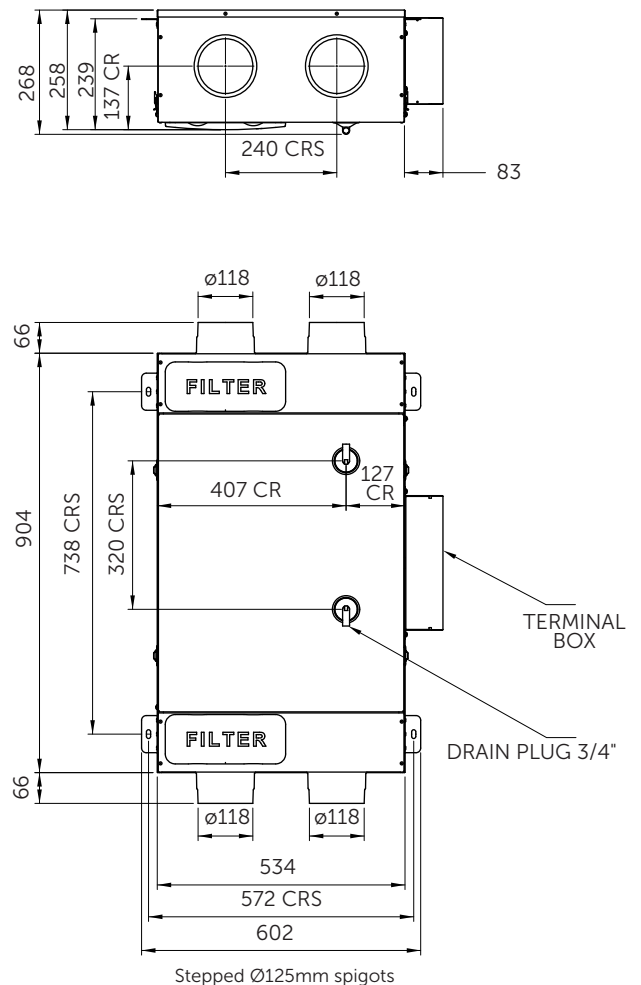
K+n wet rooms	Flow Rate L/s	SFP W/(L/s) [2009]	Heat Exchange Efficiency (%) [2009]	Flow Rate L/s	SFP W/(L/s) [2012]	Heat Exchange Efficiency (%) [2012]
n = 1	15	0.8	88%	21	0.86	86%
n = 2	21	0.83	86%	29	1.03	85%
n = 3	27	0.95	85%	37	1.22	83%
n = 4	33	1.11	84%	45	1.58	81%
n = 5	39	1.3	82%	-	-	-
n = 6	45	1.56	81%	-	-	-

The NCM (SAP) identifier for this product is:

Technology Type Ventilation, **Technology Category** MVHR, **Brand Name** Elta Fans, **Model Name** VIGO 200A.

DIMENSIONAL DATA

Dimensions in mm





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*First year of warranty covers parts and labour. Following this period the warranty covers replacement parts only. Warranty is subject to inspection and maintenance having been carried out in accordance with our literature and terms and conditions of sale. Proof of purchase, periodic inspection and maintenance will be required in the event of any warranty claim.

Elta Fans Limited has a policy of continuous product development and improvement and therefore reserves the right to supply products which may differ from those illustrated and described in this publication. Confirmation of dimensions and data will be supplied on request.

EFR. VIGO 200. 24.02.15.

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