

## Declaration of Performance Residential Ventilation Unit Greenwood Induct Fan Range

Supplier Name or Trade Mark	Greenwood Airvac			Greenwood Airvac			Greenwood Airvac		
Model Identifier	DF100B			DF125B			DF150B		
Options Installed <sup>1</sup>	Manual Control (via manual switch)			Manual Control (via manual switch)			Manual Control (via manual switch)		
SEC in [kWh/(m <sup>2</sup> a)] for Each Climate <sup>2</sup> (Cold, Average, Warm)	-27.0	-13.7	-6.0	-27.1	-13.7	-6.1	-27.2	-13.8	-6.1
SEC Class (Cold, Average, Warm)	B	E	F	B	E	F	B	E	F
Declared Typology	Unidirectional			Unidirectional			Unidirectional		
Type of Motor Drive Installed	On/Off Single Speed			On/Off Single Speed			On/Off Single Speed		
Type of Heat Recovery <sup>3</sup>	None			None			None		
Heat Recovery Efficiency <sup>4</sup>	n/a			n/a			n/a		
Maximum Flow Rate in [m <sup>3</sup> /h] / [l/s] <sup>5</sup>	117 / 33			164 / 46			264 / 73		
Electric Power Input at Maximum Flow Rate [W] <sup>6</sup>	15.5			19.3			20.4		
Sound Power Level (L <sub>WA</sub> ) in [dB(A)] <sup>7</sup>	44			47			59		
Sound Pressure Level (L <sub>pA</sub> ) in [dB(A)] <sup>8</sup>	27			30			42		
Reference Flow Rate in [m <sup>3</sup> /h] / [l/s] <sup>9</sup>	n/a			n/a			n/a		
Reference Pressure Difference	0			0			0		
SPI in [W/(m <sup>3</sup> /h)] <sup>10</sup>	0.13			0.12			0.08		
Control Factor and Typology	1			1			1		
Declared Maximum Internal and External Leakage [%] <sup>11</sup>	Internal: n/a External: n/a			Internal: n/a External: n/a			Internal: n/a External: n/a		
Position and Description of Visual Filter Warning	n/a			n/a			n/a		
Internet Address for Preassembly / Disassembly Instructions	www.greenwood.co.uk			www.greenwood.co.uk			www.greenwood.co.uk		

1: Type of Sensor: Integral Humidity Sensor or via Occupancy Sensor, i.e. switch-live activation.

2: Intermittent Ventilation: SEC calculations based on unit running for 1 1/2 hours per day.

3: Type of Heat Recovery: Recuperative is without humidity recovery and Renewable is with humidity recovery.

4: Efficiency according to EN13141-7:2010 at reference airflow rate @ 0 Pa; and according to EN13141-8:2014 systems without connection.

5: Maximum flow at 0 Pa external pressure (shown in both m<sup>3</sup>/h and l/s).

6: Electrical power input at the maximum airflow rate (Watts).

7: Casing noise radiation at maximum flow rate at 0 Pa external pressure.

8: Sound Pressure Level measured at 3 metres.

9: If applicable, reference flow rate is 70% of the maximum airflow at 0 Pa external pressure according to EN13141-7:2010 (shown in both m<sup>3</sup>/h and l/s).

10: In accordance with EN13141-7:2010 at reference flow rate.

11: In accordance with EN13141-7:2010 at reference flow rate, and EN13141-8:2014 systems without connection.

SEC: Specific Energy Consumption

SPI: Specific Power Input

AEC: Annual Electricity Consumption

AHS: Annual Heating Saved