

**Declaration of Performance**  
**Residential Ventilation Unit Greenwood Samika 100mm Range**

Supplier Name or Trade Mark	Greenwood Airvac			Greenwood Airvac			Greenwood Airvac			Greenwood Airvac		
Model Identifier	LE100T			LE100T / HT			LE100SVT			LE100SVT / SVHT		
Options Installed <sup>1</sup>	Manual Control (via manual switch)			Local Demand Control (with 1 sensor)			Manual Control (via manual switch)			Local Demand Control (with 1 sensor)		
SEC in [kWh/(m <sup>2</sup> a)] for Each Climate <sup>2</sup> (Cold, Average, Warm)	-27.2	-13.8	-6.2	-51.2	-26.2	-11.8	-27.2	-13.8	-6.2	-51.2	-26.2	-11.8
SEC Class (Cold, Average, Warm)	B	E	F	A+	B	E	B	E	F	A+	B	E
Declared Typology	Unidirectional			Unidirectional			Unidirectional			Unidirectional		
Type of Motor Drive Installed	Multi-Speed			Multi-Speed			Multi-Speed			Multi-Speed		
Type of Heat Recovery <sup>3</sup>	None			None			None			None		
Heat Recovery Efficiency <sup>4</sup>	n/a			n/a			n/a			n/a		
Maximum Flow Rate in [m <sup>3</sup> /h] / [l/s] <sup>5</sup>	116 / 32			116 / 32			117 / 33			117 / 33		
Electric Power Input at Maximum Flow Rate [W] <sup>6</sup>	7.1			7.1			7.0			7.0		
Sound Power Level (L <sub>WA</sub> ) in [dB(A)] <sup>7</sup>	62			62			62			62		
Sound Pressure Level (L <sub>PA</sub> ) in [dB(A)] <sup>8</sup>	45			45			45			45		
Reference Flow Rate in [m <sup>3</sup> /h] / [l/s] <sup>9</sup>	n/a			n/a			n/a			n/a		
Reference Pressure Difference	0			0			0			0		
SPI in [W/(m <sup>3</sup> /h)] <sup>10</sup>	0.06			0.06			0.06			0.06		
Control Factor and Typology	1			0.65			1			0.65		
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			Internal: n/a External: n/a		
Position and Description of Visual Filter Warning	n/a			n/a			n/a			n/a		
Internet Address for Preassembly / Disassembly Instructions	www.greenwood.co.uk			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 ½ 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