

**Declaration of Performance  
Residential Ventilation Unit Greenwood SF90 SELV Range**

Supplier Name or Trade Mark	Greenwood Airvac			Greenwood Airvac			Greenwood Airvac		
Model Identifier	SF90SVIT			SF90SVIT			SF90SVIHT		
Options Installed <sup>1</sup>	Manual Control (via manual switch)			Local Demand Control (with 1 sensor)			Local Demand Control (with 1 sensor)		
SEC in [kWh/(m <sup>2</sup> a)] for Each Climate <sup>2</sup> (Cold, Average, Warm)	-26.6	-13.2	-5.6	-50.8	-25.8	-11.4	-50.8	-25.8	-11.4
SEC Class (Cold, Average, Warm)	B	E	F	A+	C	E	A+	C	E
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>	87 / 24			87 / 24			86 / 24		
Electric Power Input at Maximum Flow Rate [W] <sup>6</sup>	29.3			29.3			28.8		
Sound Power Level (L <sub>WA</sub> ) in [dB(A)] <sup>7</sup>	54			54			54		
Sound Pressure Level (L <sub>PA</sub> ) in [dB(A)] <sup>8</sup>	37			37			37		
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>	0.34			0.34			0.33		
Control Factor and Typology	1			0.65			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		
Position and Description of Visual Filter Warning	See Instructions			See Instructions			See Instructions		
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