

PRODUCT FICHE

Supplier's name	VALLOX OY
Product model name	Vallox 51 SC
Cell	Aluminium
SEC cold climate	-71.871 kWh/m ² a
SEC average climate	-35.284 kWh/m ² a
SEC warm climate	-11.698 kWh/m ² a
SEC-class cold climate	A+
SEC-class average climate	A
SEC-class warm climate	E
General topology EcoDesign	Bidirectional
Motor & drive EcoDesign	Variable speed
Type of heat recovery system	Recuperative
Temperature efficiency of heat recovery	84 %
Maximum supply airflow EcoDesign	174 m ³ /h
Input power of fans at maximum airflow (W)	73 W
Sound power level	36 dB (L _{WA})
Reference airflow rate	0.0340 m ³ /s
Reference pressure difference	50 Pa
Specific power input (SPI)	0.2600
Ventilation control EcoDesign	Manual control
Specified maximum internal leak of the enclosure	2.0 %
Specified maximum external leak of the enclosure	2.0 %
Filter replacement	Visual filter change warning signal is implemented in the unit by Timestrip-timer. Regular filter replacement is very important for the unit's faultless performance and energy efficiency.
Demolition and removal instructions	www.vallox.com
AEC cold climate	907.7 kWh/a
AEC average climate	370.7 kWh/a
AEC warm climate	325.7 kWh/a
AHS cold climate	8583.3 kWh
AHS average climate	4387.6 kWh
AHS warm climate	1984.0 kWh