

## PRODUCT FICHE

Supplier's name	VALLOX OY
Product model name	Vallox 51 MV enthalpy
Cell	Enthalpy
SEC cold climate	-78.796 kWh/m <sup>2</sup> a
SEC average climate	-40.928 kWh/m <sup>2</sup> a
SEC warm climate	-16.609 kWh/m <sup>2</sup> a
SEC-class cold climate	A+
SEC-class average climate	A
SEC-class warm climate	E
General topology EcoDesign	Bidirectional
Motor und Antrieb EcoDesign	Variable speed
Type of heat recovery system	Recuperative
Temperature efficiency of heat recovery	82 %
Maximum supply airflow EcoDesign	175 m <sup>3</sup> /h
Input power of fans at maximum airflow (W)	76 W
Sound power level	36 dB (L <sub>WA</sub> )
Reference airflow rate	0.0340 m <sup>3</sup> /s
Reference pressure difference	50 Pa
Specific power input (SPI)	0.2900
Ventilation control EcoDesign	Local demand control
Specified maximum internal leak of the enclosure	2.0 %
Specified maximum external leak of the enclosure	2.0 %
Filter replacement	"Change filter!" text will appear on the control panel screen. 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	735.5 kWh/a
AEC average climate	198.5 kWh/a
AEC warm climate	153.5 kWh/a
AHS cold climate	8845.3 kWh
AHS average climate	4521.5 kWh
AHS warm climate	2044.6 kWh