



1.1.2016

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**ENERGY LABEL SPECIFICATION**

<b>Supplier's name</b>	VALLOX OY
<b>Model identifier</b>	Vallox 90K MC R 3543500
<b>SEC (specific energy consumption)</b>	
Cold climate	-67,175 kWh/m <sup>2</sup> a
Average climate	-30,740 kWh/m <sup>2</sup> a
Warm climate	-7,241 kWh/m <sup>2</sup> a
<b>SEC-class</b>	
Cold climate	A+
Average climate	B
Warm climate	F
<b>Declared topology</b>	RVU/BVU
<b>Type of drive</b>	Variable speed 2
<b>Type of heat recovery</b>	Recuperative
<b>Thermal efficiency of heat recovery</b>	83 %
<b>Maximum flow rate</b>	252 m <sup>3</sup> /h
<b>Electric power input of the fan drive</b>	184 W
<b>Sound power level</b>	42 dB (L <sub>WA</sub> )
<b>Reference flow rate</b>	0,048 m <sup>3</sup> /s
<b>Reference pressure difference</b>	50 Pa
<b>SPI</b>	0,40 W/(m <sup>3</sup> /h)
<b>Control factor</b>	Manual control 1,00
<b>Maximum internal leakage rate</b>	5,3 %
<b>Maximum external leakage rate</b>	2,0 %
<b>Filter change</b>	Signal led appears in the control panel. Regular filter change is very important for the performance and energy efficiency of the unit.
<b>Disassembly instruction</b>	<a href="http://www.vallox.com">www.vallox.com</a>
<b>AEC (the annual electricity consumption)</b>	
Cold climate	10,8 kWh/a
Average climate	5,5 kWh/a
Warm climate	5,0 kWh/a
<b>AHS (the annual heating saved)</b>	
Cold climate	85,5 kWh
Average climate	43,7 kWh
Warm climate	19,8 kWh

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