



1.1.2016

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**ENERGY LABEL SPECIFICATION**

<b>Supplier's name</b>	VALLOX OY
<b>Model identifier</b>	Vallox KWL 090SC L 1515-001
<b>SEC (specific energy consumption)</b>	
Cold climate	-67,608 kWh/m <sup>2</sup> a
Average climate	-30,655 kWh/m <sup>2</sup> a
Warm climate	-6,860 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>	85 %
<b>Maximum flow rate</b>	238 m <sup>3</sup> /h
<b>Electric power input of the fan drive</b>	181 W
<b>Sound power level</b>	55 dB (L <sub>WA</sub> )
<b>Reference flow rate</b>	0,047 m <sup>3</sup> /s
<b>Reference pressure difference</b>	50 Pa
<b>SPI</b>	0,42 W/(m <sup>3</sup> /h)
<b>Control factor</b>	Manual control 1,00
<b>Maximum internal leakage rate</b>	1,9 %
<b>Maximum external leakage rate</b>	1,3 %
<b>Filter change</b>	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	11,1 kWh/a
Average climate	5,7 kWh/a
Warm climate	5,3 kWh/a
<b>AHS (the annual heating saved)</b>	
Cold climate	86,6 kWh
Average climate	44,3 kWh
Warm climate	20,0 kWh

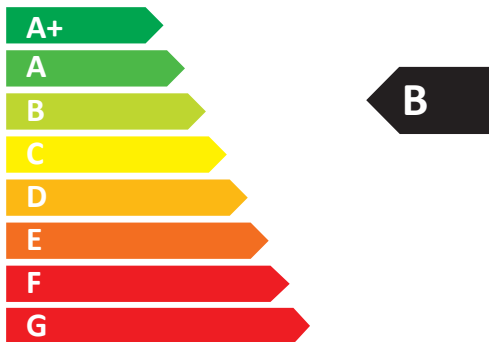
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**VALLOX** KWL 090 SC



**55**  
dB

**325 m<sup>3</sup>/h**