



1.1.2016

ENERGY LABEL SPECIFICATION

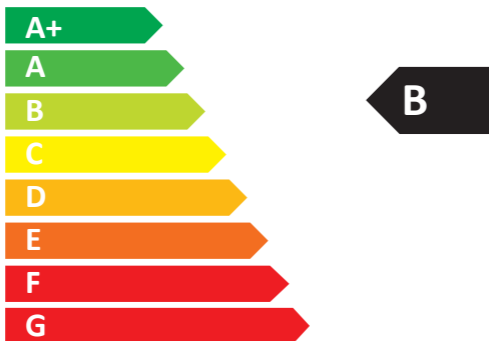
Supplier's name	VALLOX OY
Model identifier	Vallox KWL 090SC R 1514-001
SEC (specific energy consumption)	
Cold climate	-67,608 kWh/m ² a
Average climate	-30,655 kWh/m ² a
Warm climate	-6,860 kWh/m ² a
SEC-class	
Cold climate	A+
Average climate	B
Warm climate	F
Declared topology	RVU/BVU
Type of drive	Variable speed 2
Type of heat recovery	Recuperative
Thermal efficiency of heat recovery	85 %
Maximum flow rate	238 m ³ /h
Electric power input of the fan drive	181 W
Sound power level	55 dB (L _{WA})
Reference flow rate	0,047 m ³ /s
Reference pressure difference	50 Pa
SPI	0,42 W/(m ³ /h)
Control factor	Manual control 1,00
Maximum internal leakage rate	1,9 %
Maximum external leakage rate	1,3 %
Filter change	Regular filter change is very important for the performance and energy efficiency of the unit.
Disassembly instruction	www.vallox.com
AEC (the annual electricity consumption)	
Cold climate	11,1 kWh/a
Average climate	5,7 kWh/a
Warm climate	5,3 kWh/a
AHS (the annual heating saved)	
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 m³/h

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2016

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