



a) Name of manufacturer

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b) Model name

V-ZAB/SEK-2L-398x1800x318
 V-ZAB/SEK-4L-398x1800x318

Product information with regard to residential ventilation units according to Directive 1254/2014, Article 3, Section 1

	Information requirement	Technical data for the supplied product
c)	Specific energy consumption (SEC)	
c)	Cold	-66.60 kWh/(m ² × a)
c)	Average	-35.77 kWh/(m² × a) ⇔ Energy efficiency class
c)	Warm	-15.47 kWh/(m ² × a)
d)	Type	RVU, Bidirectional ventilation unit
e)	Drive type	Multi-speed drive
f)	Heat recovery system (HRS)	Recuperative
g)	Thermal efficiency of the HRS	61 %
h)	Maximum volume flow rate (qvmax)	150 m ³ /h
	Electric power input at qvmax	29 W
j)	Sound power level LWA at qvref	36 dB(A)
k)	Reference flow rate (qvref)	105 m ³ /h
l)	Reference pressure difference	0 Pa
m)	Specific power input (SPI) at qvBzg	0.113 W/(m ³ /h)
n)	Control factor	Local demand control
n)	Control typology	Non-ducted unit
o)	Internal leakage rate at qvref and 100 Pa	8 %
o)	External leakage rate at qvref and 100 Pa	4 %
p)	Mixing rate	< 2 %
q)	Filter warning (Note 1)	On the control panel (LED double blinking)
s)	Disassembly instructions	www.troxtechnik.com
t)	Sensitivity to pressure fluctuations at qvmax and +20 Pa	+3 %
t)	Sensitivity to pressure fluctuations at qvmax and -20 Pa	-3 %
u)	Indoor/outdoor air tightness	0 m ³ /h
v)	Annual electricity consumption (AEC)	1.11 kWh/(m ² × a)
w)	Annual heating energy savings	
w)	Cold	74.07 kWh/(m ² × a)
w)	Average	37.86 kWh/(m ² × a)
w)	Warm	17.12 kWh/(m ² × a)

Note 1: Filters have to be changed regularly! This increases the energy efficiency of the unit, reduces the power consumption of the fans and thus sustainably protects our environment.

Note 2: Only valid when using a TROX control system for decentralised ventilation units.