

Product information



TROX[®] TECHNIK
The art of handling air

a) Manufacturer's name	TROX GmbH Heinrich-Trox-Platz 47504 Neukirchen-Vluyn, Germany	Phone +49 (0)2845 2020 Fax +49 (0)2845 202265 E-mail trox@trox.de Internet www.troxtechnik.com
b) Model identifier	V-ZAB/SEK-VAUBAN	

Product information with regard to residential ventilation units according to Regulation (EU) No 1254/2014, Article 3 (1)

	Information requirement	Technical data for the supplied product
c)	Specific energy consumption (SEC)	
	Cold	-65,60 kWh/(m ² × a)
	Average	-34,87 kWh/(m² × a) ⇔ Energy efficiency class A
	Warm	-14,64 kWh/(m ² × a)
d)	Type	Bidirectional
e)	Type of drive installed	Multi-speed drive
f)	Heat recovery system (HRS)	Recuperative
g)	Thermal efficiency of HRS	51 %
h)	Maximum flow rate (\dot{V}_{max})	150 m ³ /h
i)	Electric power input at maximum flow rate \dot{V}_{max}	33 Watt
j)	Sound power level L _{WA} at \dot{V}_{Rfr}	36 dB(A)
k)	Reference flow rate (\dot{V}_{Rfr})	105 m ³ /h
l)	Reference pressure difference	0 Pa
m)	Specific power input (SPI) at \dot{V}_{max}	0,167 W/(m ³ /h)
n)	Control factor	Local demand control
	Control typology	Non-ducted ventilation units
o)	Internal leakage rate at (\dot{V}_{Rfr}) and 100 Pa	7 %
	External leakage rate at (\dot{V}_{Rfr}) and 100 Pa	4 %
p)	Mixing rate	< 2 %
q)	Filter warning ①	On the control panel - (LED double blinking)
s)	Disassembly instructions	www.trox.de
t)	Airflow sensitivity to pressure variations at \dot{V}_{max} and +20 Pa	+3 %
	Airflow sensitivity to pressure variations at \dot{V}_{max} and -20 Pa	- 3 %
u)	Indoor/outdoor air tightness	0 m ³ /h
v)	Annual electricity consumption (AEC)	1,42 kWh/(m ² × a)
w)	Annual heating energy saving (AHS)	
	Cold	73,85 kWh/(m ² × a)
	Average	37,75 kWh/(m ² × a)
	Warm	17,07 kWh/(m ² × a)



① Filters have to be changed regularly! This will increase the energy efficiency of the unit, reduce the electricity consumption of the fans and protect our environment in the long term.