

Product information



TROX[®] TECHNIK
The art of handling air

a) Manufacturer's name

TROX GmbH

Phone +49 (0)2845 2020

Fax +49 (0)2845 202265

Heinrich-Trox-Platz

E-mail trox@trox.de

47504 Neukirchen-Vluyn,
Germany

Internet www.troxtechnik.com

b) Model identifier

FSL-B-ZABSEK-2L-1085x630x320

FSL-B-ZABSEK-4L-1085x630x320

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	-64,34 kWh/(m ² × a)
	Average	-34,66 kWh/(m² × a) ⇔ Energy efficiency class A
	Warm	-15,04 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	46 %
h)	Maximum flow rate (\dot{V}_{max})	150 m ³ /h
i)	Electric power input at maximum flow rate \dot{V}_{max}	22 Watt
j)	Sound power level L_{WA} at \dot{V}_{Rfr}	34 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}	0,105 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	8 %
	External leakage rate at (\dot{V}_{Rfr}) and 100 Pa	2,5 %
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)	1,05 kWh/(m ² × a)
w)	Annual heating energy saving (AHS)	
	Cold	75,43 kWh/(m ² × a)
	Average	36,65 kWh/(m ² × a)
	Warm	16,57 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.