


a) Name of manufacturer

TROX GmbH
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b) Model name

X-CUBE/ROOMAIR-V-ZAB/SEK-HE

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	80.1 kWh/(m ² × a)
c)	Average	42.0 kWh/(m² × a) ⇔ Energy efficiency class
c)	Warm	17.6 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	84 %
h)	Maximum volume flow rate (qvmax)	120 m ³ /h
i)	Electric power input at qvmax	25 W
j)	Sound power level LWA at qvref	34 dB(A)
k)	Reference flow rate (qvref)	84 m ³ /h
l)	Reference pressure difference	0 Pa
m)	Specific power input (SPI) at qvBzg	0.20 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	1 %
t)	Sensitivity to pressure fluctuations at qvmax and -20 Pa	1 %
u)	Indoor/outdoor air tightness	< 1 m ³ /h
v)	Annual electricity consumption (AEC)	1.74 kWh/(m ² × a)
w)	Annual heating energy savings	
w)	Cold	88.9 kWh/(m ² × a)
w)	Average	45.4 kWh/(m ² × a)
w)	Warm	20.6 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.