



**a) Name of manufacturer**

TROX GmbH  
 Heinrich-Trox-Platz • 47504 Neukirchen-Vluyn • Germany  
 Phone +49(0)2845 2020 • Fax +49(0)2845 202265  
 E-Mail trox-de@troxgroup.com • Internet www.troxtechnik.de

**b) Model name**

X-CUBE/ROOMAIR-U-ZAS

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	-67.68 kWh/(m <sup>2</sup> × a)
c)	Average	<b>-36.18 kWh/(m<sup>2</sup> × a) ⇔ Energy efficiency class</b>
c)	Warm	-15.51 kWh/(m <sup>2</sup> × 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	60 %
h)	Maximum volume flow rate (qvmax)	150 m <sup>3</sup> /h
i)	Electric power input at qvmax	32 W
j)	Sound power level LWA at qvref	39 dB(A)
k)	Reference flow rate (qvref)	105 m <sup>3</sup> /h
l)	Reference pressure difference	0 Pa
m)	Specific power input (SPI) at qvBzg	0.132 W/(m <sup>3</sup> /h)
n)	Control factor	Local demand control
n)	Control typology	Non-ducted unit
o)	Internal leakage rate at qvref and 100 Pa	7 %
o)	External leakage rate at qvref and 100 Pa	3 %
p)	Mixing rate	< 3 %
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 <sup>3</sup> /h
v)	Annual electricity consumption (AEC)	1.22 kWh/(m <sup>2</sup> × a)
w)	Annual heating energy savings	
w)	Cold	75.43 kWh/(m <sup>2</sup> × a)
w)	Average	38.56 kWh/(m <sup>2</sup> × a)
w)	Warm	17.43 kWh/(m <sup>2</sup> × 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.