



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.com

b) Model name

U-ZAS-2-AR/L
 U-ZAS-4-AR/L

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 ² × a)
c)	Average	-36.18 kWh/(m ² × a) ⇔ Energy efficiency class
c)	Warm	-15.51 kWh/(m ² × a)
d)	Type	RVU
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 ³ /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 ³ /h
l)	Reference pressure difference	0 Pa
m)	Specific power input (SPI) at qvBzg	0.132 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	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 ³ /h
v)	Annual electricity consumption (AEC)	1.22 kWh/(m ² × a)
w)	Annual heating energy savings	
w)	Cold	75.43 kWh/(m ² × a)
w)	Average	38.56 kWh/(m ² × a)
w)	Warm	17.43 kWh/(m ² × a)

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