


**a) Name of manufacturer**

TROX GmbH  
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**b) Model name**

SCHOOLAIR-V-4/KM/397x359x2160/C3  
 SCHOOLAIR-V-4/KO/397x359x2160/C3

Product information for non-residential ventilation systems according to Directive (EU) No. 1253/2014 Article 4 Section 2

	Information requirement	Technical data for the supplied product
e)	Heat recovery system (HRS)	Other (recuperative)
f)	Thermal efficiency of the heat recovery system	52 %
d)	Drive type	Variable speed drive
c)	Type	Non-residential ventilation unit
c)		Bidirectional ventilation unit
g)	Nominal volume flow rate (qvNom)	0.069 m <sup>3</sup> /s
h)	Electric power input at qvNom	0.045 kW
i)	SFPint at qvNom	480 W/(m <sup>3</sup> /s)
j)	Filter face velocity at qvNom	0.54 m/s
k)	Nominal external pressure	0 Pa - (non-ducted unit)
l)	Pressure drop of ventilation components	
l)	• HRSSUP / HRSETA	39 Pa / 45 Pa
l)	ODA filter / ETA filter	19 Pa / 9 Pa
n)	Static efficiency of fans in accordance with EU directive 327/2011	n.a. - (the fan used is not covered by EU directive 327/2011)
o)	Internal leakage rate at qvNom and 150 Pa	5.5 %
o)	External leakage rate at qvNom and 200 Pa	2.5 %
p)	Annual energy consumption of the outdoor air filters at 3000 h/year	15 kWh/yr
q)	Filter warning (Note 1)	On the control panel (LED double blinking)
r)	Casing sound power level including supply and extract air terminal devices in the room at qvNom	41 dB(A)
s)	Disassembly instructions	www.troxtechnik.com
g)	Nominal volume flow rate (qvNom)	250 m <sup>3</sup> /h

**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.