Product information

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**	SCHOOLAIR-V-2/KM/397x359x2160/C3 SCHOOLAIR-V-2/KM/397x359x2160/R SCHOOLAIR-V-4/KM/397x359x2160/C3 SCHOOLAIR-V-4/KM/397x359x2160/R SCHOOLAIR-V-2/KO/397x359x2160/C3 SCHOOLAIR-V-2/KO/397x359x2160/R SCHOOLAIR-V-4/KO/397x359x2160/C3 SCHOOLAIR-V-4/KO/397x359x2160/R

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
c)	Type	Non-residential ventilation unit
c)		Bidirectional ventilation unit
d)	Drive type	Speed control
e)	Heat recovery system (HRS)	Other (recuperative)
f)	Thermal efficiency of the heat recovery system	52 %
g)	Nominal volume flow rate (qvNom)	0.069 m³/s
g)	Nominal volume flow rate (qvNom)	250 m³/h
h)	Electric power input at qvNom	0.045 kW
i)	SFPint at qvNom	480 W/(m³/s)
j)	Upstream velocity of the filters at qvNom	0.54 m/s
k)	Nominal external pressure	0 Pa - (non-ducted unit)
l)	Pressure loss of the ventilation components	
l)	• HRS_{SUP} / HRS_{ETH}	39 Pa / 45 Pa
l)	ODA filter / ETH 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 100 Pa	5.5 %
o)	External leakage rate at qvNom and 100 Pa	2.5 %
p)	Annual power 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)	Information on disassembly	www.troxtechnik.com

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.