



a) Manufacturer's name

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b) Model identifier

SCHOOLAIR-V-2/KM/604x370x1800/R

SCHOOLAIR-V-4/KM/604x370x1800/R

SCHOOLAIR-V-2/KO/604x370x1800/R

SCHOOLAIR-V-4/KO/604x370x1800/R

Product information with regard to non-residential ventilation units according to Regulation (EU) No 1253/2014 Article 4 (2)

	Information requirement	Technical data for the supplied product
c)	Type	Non-residential ventilation units
		Bidirectional
d)	Type of drive installed	Variable speed drive (VSD)
e)	Heat recovery system (HRS)	Other (Recuperative)
f)	Thermal efficiency of heat recovery	54 %
g)	Nominal flow rate (\dot{V}_{nom})	0,069 m ³ /s \leftrightarrow 250 m ³ /h
h)	Electric power input at \dot{V}_{nom}	0,042 kW
i)	SFP _{int} at \dot{V}_{nom}	405 W/(m ³ /s)
j)	Face velocity of the filters at \dot{V}_{nom}	0,48 m/s
k)	Nominal external pressure	0 Pa - (Non-ducted unit)
l)	Pressure drop of ventilation components	
	• HR _{SUP} / HR _{ETH}	22 Pa / 24 Pa
	• ODA-filter / ETH-filter	18 Pa / 16 Pa
n)	Static efficiency of fans used in accordance with Regulation (EU) No 327/2011	N.a. - (The fan used is not covered by EU directive 327/2011)
o)	Internal leakage rate at \dot{V}_{nom} and 100 Pa	13,0 %
	External leakage rate at \dot{V}_{nom} and 100 Pa	7,5 %
p)	Annual energy consumption of the outdoor air filter at 3000 h/a	14 kWh/a
q)	Filter warning ①	On the control panel - (LED double blinking)
r)	Sound power level of case-radiated noise, including supply air and extract air terminal units, at \dot{V}_{nom}	40 dB(A)
s)	Disassembly instructions	www.trox.de



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