

Product information



TROX[®] TECHNIK
The art of handling air

a) Manufacturer's name	TROX GmbH	Phone +49 (0)2845 2020
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b) Model identifier	SCHOOLAIR-B-2/KM/1590x420x650/R SCHOOLAIR-B-4/KM/1590x420x650/R SCHOOLAIR-B-2/KO/1590x420x650/R SCHOOLAIR-B-4/KO/1590x420x650/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	55 %
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}	0,04 kW
i)	SFP _{int} at \dot{V}_{nom}	405 W/(m ³ /s)
j)	Face velocity of the filters at \dot{V}_{nom}	0,53 m/s
k)	Nominal external pressure	0 Pa - (Non-ducted unit)
l)	Pressure drop of ventilation components	
	• HR _{SUP} / HR _{ETH}	17 Pa / 30 Pa
	• ODA-filter / ETH-filter	22 Pa / 15 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	8 %
	External leakage rate at \dot{V}_{nom} and 100 Pa	6,5 %
p)	Annual energy consumption of the outdoor air filter at 3000 h/a	16 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}	38 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.