

# Product information



**TROX<sup>®</sup> TECHNIK**  
The art of handling air

**a) Manufacturer's name**

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**b) Model identifier**

SCHOOLAIR-V-2/KM/397x359x2160/R

SCHOOLAIR-V-4/KM/397x359x2160/R

SCHOOLAIR-V-2/KO/397x359x2160/R

SCHOOLAIR-V-4/KO/397x359x2160/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	46 %
g)	Nominal flow rate ( $\dot{V}_{nom}$ )	0,069 m <sup>3</sup> /s $\leftrightarrow$ 250 m <sup>3</sup> /h
h)	Electric power input at $\dot{V}_{nom}$	0,045 kW
i)	SFP <sub>int</sub> at $\dot{V}_{nom}$	480 W/(m <sup>3</sup> /s)
j)	Face velocity of the filters at $\dot{V}_{nom}$	0,54 m/s
k)	Nominal external pressure	0 Pa - (Non-ducted unit)
l)	Pressure drop of ventilation components	
	• HR <sub>SUP</sub> / HR <sub>ETH</sub>	39 Pa / 45 Pa
	• ODA-filter / ETH-filter	19 Pa / 9 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	5,5 %
	External leakage rate at $\dot{V}_{nom}$ and 100 Pa	2,5 %
p)	Annual energy consumption of the outdoor air filter at 3000 h/a	15 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 $\dot{V}_{nom}$	41 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.