

# EC Declaration of conformity



The manufacturer: **ruck Ventilatoren GmbH**  
 Max-Planck-Str. 5  
 DE 97944 Boxberg

certifies herewith, that the following product:

Product type: **Tube fan**  
 Product ID: 154597  
 Product name: RS 100 EC K 01  
 Year of manufacture: see nameplate  
 Serial number: see nameplate

is compliant with all the provisions of the following EU Directives and regulations:

Name	Title
2009/125 / EC	Environmentally friendly design of energy-using products
1253/2014/EU	Requirements for ventilation units over 30 watts

c	Type of the ventilation unit (VU)		NRVU, UVU without filter	
d	Speed control installed or intended to be installed		VSD (stepless speed control)	
e	Type of the HRS (heat recovery system)		no heat recovery	
f	Thermal transmission of the HRS	$t_{t,NRVU}$	-	%
g	Nominal air volume	$q_{v,nom}$	0.034	m <sup>3</sup> /s
h	Electrical input power	$P_{e,nom}$	0.06	kW
i	Specific fan power internally	$SFP_{int}$	-	Ws/m <sup>3</sup>
j	Incident flow velocity	$v_{nom}$	4.3	m/s
k	Nominal external pressure	$P_{s,nom}$	455	Pa
l	Internal pressure drop of ventilation components, static	$P_{s,int,nom}$	-	Pa
m	Internal pressure drop of non-ventilation components, static	$P_{s,add,nom}$	-	Pa
n	Static efficiency of supply fan	$\eta_{es,SUP}$	35.3	%
	Static efficiency of exhaust fan	$\eta_{es,EHA}$	-	%
o	External leakage rate		2.02	%
	Internal leakage rate		-	%
p	Energy rating of the supply air filter			
	Energy rating of the exhaust air filter			
q	Description of the filter warning (-change) display		-	
r	Housing sound	$L_{WA2}$	-	dB(A)
	Accordance		Product is compliant 2018	

Boxberg, 09.11.2022  
 Place and date of issue

Fabian Schmelz (Technical Director)  
 Name and signature of authorized person

154597\_pklot6\_k10001\_en\_20221109

# Declaration of conformity UKCA

**ruck**.eu  
VENTILATOREN

The manufacturer: **ruck Ventilatoren GmbH**  
Max-Planck-Str. 5  
DE 97944 Boxberg

certifies herewith, that the following product:

Product type: **Tube fan**  
Product ID: 154597  
Product name: RS 100 EC K 01  
Year of manufacture: see nameplate  
Serial number: see nameplate

is compliant with all the provisions of the following UK Directives and regulations:

The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019

c	Type of the ventilation unit (VU)		NRVU, UVU without filter	
d	Speed control installed or intended to be installed		VSD (stepless speed control)	
e	Type of the HRS (heat recovery system)		no heat recovery	
f	Thermal transmission of the HRS	$t_{t,NRVU}$	-	%
g	Nominal air volume	$q_{v,nom}$	0.034	m <sup>3</sup> /s
h	Electrical input power	$P_{e,nom}$	0.06	kW
i	Specific fan power internally	$SFP_{int}$	-	Ws/m <sup>3</sup>
j	Incident flow velocity	$v_{nom}$	4.3	m/s
k	Nominal external pressure	$P_{s,nom}$	455	Pa
l	Internal pressure drop of ventilation components, static	$P_{s,int,nom}$	-	Pa
m	Internal pressure drop of non-ventilation components, static	$P_{s,add,nom}$	-	Pa
n	Static efficiency of supply fan	$\eta_{es,SUP}$	35.3	%
	Static efficiency of exhaust fan	$\eta_{es,EHA}$	-	%
o	External leakage rate		2.02	%
	Internal leakage rate		-	%
p	Energy rating of the supply air filter			
	Energy rating of the exhaust air filter			
q	Description of the filter warning (-change) display		-	
r	Housing sound	$L_{WA2}$	-	dB(A)
	Accordance		Product is compliant 2018	

*F. Schmelz*

Boxberg, 09.11.2022  
Place and date of issue

Fabian Schmelz (Technical Director)  
Name and signature of authorized person

154597\_pklot6uk\_k10001\_en\_20221109