

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: 165183
 Product name: ISOR 150 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 | $q_{v,nom}$ | 0.071 | m ³ /s |
| h | Electrical input power | $P_{e,nom}$ | 0.106 | kW |
| i | Specific fan power internally | SFP_{int} | - | Ws/m ³ |
| j | Incident flow velocity | v_{nom} | 4 | m/s |
| k | Nominal external pressure | $P_{s,nom}$ | 558 | 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 | $\eta_{es,SUP}$ | 41.3 | % |
| | Static efficiency of exhaust fan | $\eta_{es,EHA}$ | - | % |
| o | External leakage rate | | 1.08 | % |
| | 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, 06.12.2022
 Place and date of issue

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

165183_pklot6_k10001_en_20221206

Declaration of conformity UKCA

ruck.eu
VENTILATOREN

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Max-Planck-Str. 5
DE 97944 Boxberg

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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

| | | | | |
|---|--|-----------------|------------------------------|-------------------|
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F. Schmelz

Boxberg, 06.12.2022
Place and date of issue

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

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