



BATTERY ROOM / EXPLOSION PROOF ATEX FANS R 315



APPLICATION

Tube fan (explosion proof)

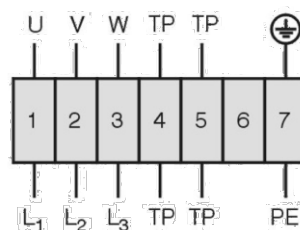
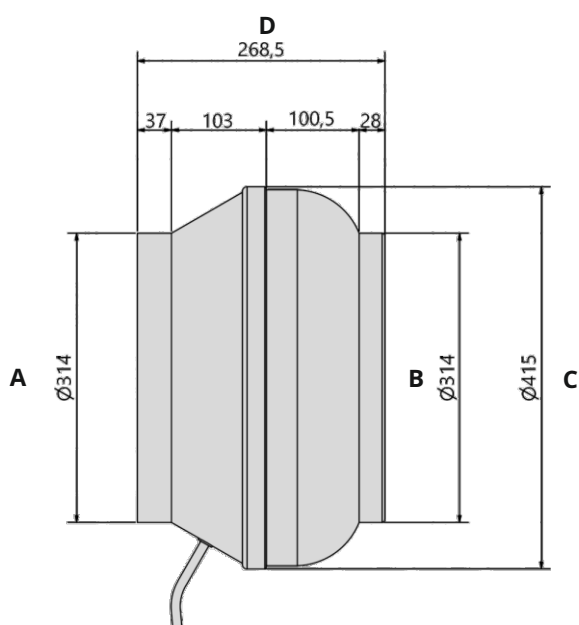
Equipment category 3 - Zone 2The casing is made from shock-proof, recyclable black plastic (PA 6.6 + GF). Inlet and outlet side with duct connection for standard round ducts. Not gas-tight. Suitable for installation in any position. While the backward-curved impellers with wheel body are made of conductive PVC, the support plate is made of galvanized sheet steel. All of the components are mounted directly to the rotors of the external rotor motors. Voltage controllable explosion proof AC external rotor motor. Protection class Ip44.

Maintenance free ball bearings, closed on both sides with long-term lubrication. Motor coated black and/or die casted aluminum. Standard configuration with cable. Positive Temperature Coefficient (PTC) thermistors in accordance to

DIN 44082 are inlaid into the motor windings. To function as a protective motor switch, the PTC resistors must be connected to a triggering device with the identification Ex II(2)G. Isolation Class F. Ignition protection Ex eb or Ex db eb. Motorized Impeller statically and dynamically balanced according to DIN ISO 21940-11 at least with quality level G6.3.

The electrical connection via lead out connection cable. Fan complies with the guidelines required (Machinery-, ATEX- and EMC Directive) to comply with installation and conformity declaration as well as CE marking. Those fans are designed and manufactured to be operated in vaporous explosive atmosphere. They are marked in accordance with the ATEX directive 2014/34/EU: II 3G Ex h IIB T3 GcX


DIMENSIONS



- U Brown
- V Blue or Grey
- W Black
- TP White
- PE Yellow-Green

MODEL R 315	ØA	ØB	ØC	D
315	314	314	415	268.5

SPECIFICATIONS

MODEL R 315	Voltage [V]	Power [W]	Current [A]	Frequency [Hz]	dBA	Temp	RPM	Weight [Kgs]	
315	400	0.11	0.26	50		40	1405		IP 44

R 315

