

# Additional operating instructions according to





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# **GENERAL CONDITIONS**

#### General description and instructions



These additional operating instructions must be observed prior to mounting and commissioning the device.

These additional operating instructions contain basic information regarding its use in areas subject to explosion hazards to be observed during assembly, operation and maintenance.

Prior to mounting and commissioning and during maintenance work, the present additional operating instructions must be read by the installer and the responsible skilled personnel/system operator!

Non-observance of the proper assembly and safety instructions will result in the loss of any claims for damages!

#### **Designated use**

The duct silencers are used in ventilation systems for sound insulation. The devices have been designed for use in ventilation systems in areas subject to explosion hazards according to the ATEX marking "Device group II, Zones 1, 2 and 21, 22".

These devices are not suitable for use in unreleased Ex zones.

The operating safety of the delivered devices is only guaranteed when used in accordance with their designated use.

#### **Mounting information**

Mounting and commissioning must be carried out by skilled personnel only and in accordance with the recognised technical rules and the safety and accident prevention regulations. In order to avoid the risk of static charges, the duct silencer must be connected to the on-site equipotential bonding on the grounding connection provided for this purpose.

#### Maintenance

Only a device subjected to proper maintenance and kept in perfect condition can guarantee safe and reliable operation.

When defective parts are replaced with spare parts, only SCHAKO KG original spare parts may be used. The SCHAKO KG cannot be held liable for any damage caused by using spare parts that are not original and will not give any warranty.

## Hazard caused by non-observance of the safety instructions

Non-observance of the safety instructions can result both in putting persons and the environment and operating units at risk.

Likewise, non-observance of the safety instructions will result in the loss of any claims for damages.



## **ATEX DESCRIPTION**

The mineral wool silencers have the following ATEX marking:



II 2G Ex h IIB T6 Gb II 2D Ex h IIIC T80°C Db EPS 09 ATEX 2 158 X

These duct silencers meet the regulations of the ATEX directives and can be used in ventilation systems in areas subject to explosion hazards.

Classification by zone must be established by the system operator or

planner in compliance with current standards.

#### Note:

In explosion-protected zones, only devices that have an ATEX approval for this use may be used. It rests with the operator to ensure that the products are only used in zones specified by the product marking.

## **Special conditions**

It must be ensured that all metal components are properly and permanently connected to the ground potential.

## Type of ignition protection

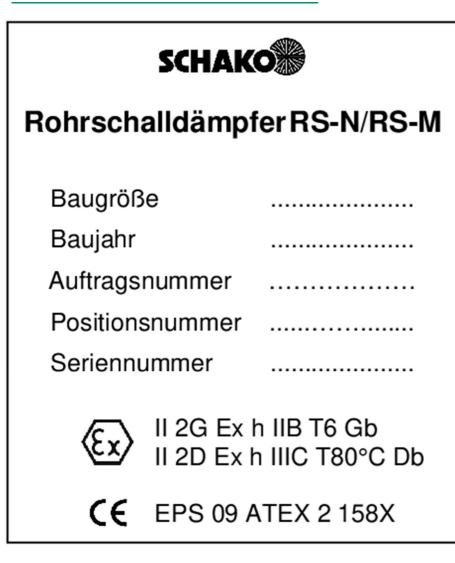
The type of ignition protection of the duct silencer is guaranteed by its safe design.

### **Quality assurance**

The SCHAKO production facilities are certified according to the QM procedure EN ISO 9001.



# **TYPE PLATE**





## **CERTIFICATE OF CONFORMITY**





(13)





**Revision 2** 

# Anlage

- Konformitätsbescheinigung EPS 09 ATEX 2 158 X (14)
- (15) Beschreibung des Gerätes:

Der Rohrschalldämpfer wird in Lüftungsanlagen zur Schalldämmung eingesetzt.

- (16) Referenznummer: 09TH0026
- (17) Besondere Bedingungen:

Es muss sichergestellt werden, dass alle metallischen Teile ordnungsgemäß und dauerhaft mit dem Erdpotential verbunden sind.

(18) Grundlegende Sicherheits- und Gesundheitsanforderungen:



Hamburg, 31.03.2020

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