Technical Datasheet

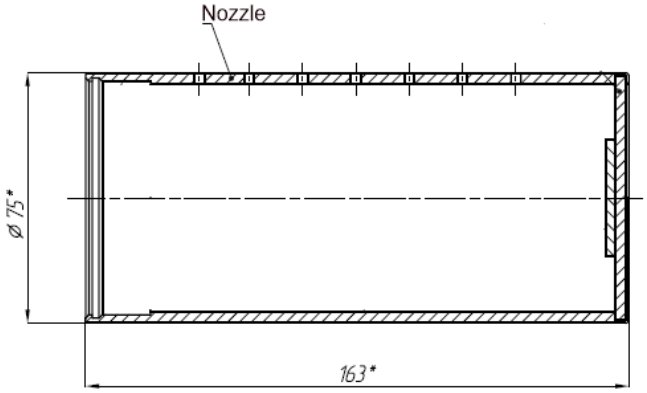
Condensed Aerosol Generator

Product Code - RSL 200CR

Dimensions and weights:
Length: 163 mm
Diameter: 75 mm
Extinguishing agent: 200 g
Total weight: 1.700 g
Housing:
Steel, powder coated
Safety distances from the outlet:
< 400 °C: 10 cm
< 200 °C: 15 cm
< 75 °C: 30 cm
Safety distance from the housing:
< 200 °C at 25 mm
Extinguishing agent concentration: 80 g/cbm (recommended)
Nominal extinguishing capacity: 2,5 cbm
Operating conditions:
Temperature: - 50 °C to + 95°C
Humidity: 0 - 98%.
Vibrations: 3g@50 - 150Hz
Corrosion resistance: exceeds UL 1058
Protection classes: IP 55 / IK 10
Technical characteristics:
Activation current: 500 mA for 10 mS
Activation voltage: 6 - 48 V DC
Activation time: < 3 s.
Discharge time: < 10 s.

Service life: 10 years

Suitable for fire classes:



Mounting instructions:

Aerosol generators can be positioned flexibly in the object or area to be protected. Even distribution of the extinguishing medium does not require an exactly symmetrical arrangement of the generators. When determining the mounting position, the safety distances must be maintained. The outlet openings of the generators must not be blocked or covered and should not be directed at exits, ventilation systems or other room openings. They should also not be directed at very hot equipment, such as other generators, in order to avoid excessive heat in the event of activation. Only the highest quality accessories should be used for installing the units. Only well shielded, fireproof cables with a minimum cross-section of 0.75 mm2 should be used. In addition, wiring must be protected against mechanical damage and strong electromagnetic fields. The functionality and resistance of the electrical activation circuit can be measured with digital multimeter at the connection pins 1&2. The maximum test current may not exceed 50 milliamperes for a maximum of 5 minutes. The monitoring current must not exceed 5 milliamperes. The resistance of the activation circuit should be between 2.0 and 5.0 ohms. The earthing resistance must not be less than 10 MOhm.