

ASD620



Aspirating Smoke Detector ASD620:

Cost-effective aspiration smoke detection system has been especially designed for areas where ordinary smoke detectors offer a limited service or simply cannot be installed. The system continuously samples the air in the controlled area.

The ASD620 detector is perfect for early detection and also for its mounting in churches, museums, and very large areas.

ASD620 houses 2 smoke detectors inside. Those can be either conventional or analogue. This is how the ASD620 is configured:

- In the case of conventional detectors, each of them can be connected to one separate zone in the control panel. In the case of analogue, they are part of a loop.
- Also, the ASD620 has 2 relay outputs, each of which is activated when one of the detectors is in alarm. This applies both to analogue and conventional detectors inside ASD620.
- ASD620 has a fault relay output as well. This is activated when there is a problem with the air flow - it will therefore detect an obstruction in the piping.

Whenever any of these 3 relay outputs is activated, a corresponding LED on the ASD620 panel lights up beside a small, clear logo depicting the situation (one LED for each relay output).

- response sensitivity can be changed via the system
- air flow monitoring
- pipe installation:
suction pipe: 25/1.0/max. 100 m
external pipe connector: PG 11
fan: radial-blow-fan (period of operation > 10 years at 20° C)
stream sensor adjustment: 5 V
- delivery includes filter, without detector base

Operating voltage	24 VDC
Quiescent current	250 mA
Alarm current	Max. 320 mA
Relay	1x alarm 1x fault
Dimensions (H x W x D)	314 x 254 x 115 mm
Housing:	polycarbonate
Weight	4 kg