Aspect LAZEER
Aspirating Smoke Detector
AE2010L

ASPECT LAZEER aspirating smoke detectors have been developed for early warning in clean rooms with high demands to quick detection of smoke and fire gases.

The device consists of an aspirator cabinet with built-in fan, filters and two chambers for smoke detection. Naturally occurring gases, particles and condensation are separated from fire gases and smoke before detection takes place.

The detector has two pipelines and one detection area.

LAZEER indicates presence of smoke in three preset levels, and can be configured to raise the alarm at any one of these levels.

The ASPECT is very easy to install. External mounting flanges simplifies mounting on the wall, and hinged covers provides simple access to connection terminals and filters.

Specifications

- Operating voltage: 230 VAC, 50 Hz
- Current consumption: 500 mA max.
- Enclosure rating: IP44
- Operating temperature: -30 °C to +55 °C
- Aspirator fan: 450 Pa radial fan
- Dimensions (W x H x D): 272 x 530 x 143 mm

Ordering information

- AE2010L-M: LAZEER A for Magnum 10/25
- AE2010L-R: LAZEER A for Royal
- AE2010L-S: LAZEER S (stand-alone unit)
- BA 700: Battery, 12V / 7Ah
- AU 002: Exhaust kit

Approvals / certificate numbers

- CPD: 0786-CPD-21084
- VoS: G 211092
- FG: ASP-1025/12 (LAZEER A)
  ASP-1026/12 (LAZEER S)
25 mm plastic pipe: PL 252
An internal Ra value of 1.6 contributes to avoiding build-up of dust and bacteria in the pipeline, and to ensuring optimal functionality with respect to transportation of smoke.

Pipe joins: SK 252
Extra long sleeve couplings with included sealant provides excellent connections in the pipeline and prevents pipes slipping apart.

Bend, 90°: BE 252
Sleeve couplings bent at 90 degrees, including the same sealant as regular couplings.

Bend, 45°: BE 252-45 (A/B)
Sealant as in the standard bend. Two versions: female/female (A) and female/male (B). The “B” variant can be combined with “A” or the 90 degree bend to facilitate easy adaptation of the pipeline in twisting or difficult areas.

Fastening clips: CL 250
Standard fastening clips for pipelines are quickly and easily mounted in the ceiling, and the pipes are then pressed into place.

Sniffer
Sniffers are the extended arms of the pipeline, able to be stretched through ceilings from church lofts and such. This way, the pipeline may be hidden, and the system appears as virtually invisible.

Exhaust kit: AU 002
Used to lead exhaust air back into rooms with large underpressure. Can also reduce fan noise.