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

The Grizzle sensor represents a revolution in nephelometry, and separates dust from smoke through an advanced air analysis. This provides reliable detection of visible smoke, even in corrosive environments with excessive amounts of airborne dust with dimensions almost like smoke particles. Covers the entire spectrum – from server rooms to heavy industry/parking garages.

The Grizzle sensor accepts gases that normally occur in the detection zones without giving unwanted alarms, while maintaining the required sensitivity according to EN54-20, classes B and C.

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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>AE2010G-V</td>
<td>GRIZZLE C for Voice</td>
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<tr>
<td>AE2010G-C</td>
<td>GRIZZLE C for Colt</td>
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<td>AE2010G-M</td>
<td>GRIZZLE A for Magnum 10/25</td>
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<td>AE2010G-R</td>
<td>GRIZZLE A for Royal</td>
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<td>AE2010N-S</td>
<td>NITRO S (stand-alone unit)</td>
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<tr>
<td>BA 700</td>
<td>Battery, 12V / 7Ah</td>
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<tr>
<td>AU 002</td>
<td>Exhaust kit</td>
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**Approvals / certificate numbers**

- **CPD**: 0786-CPD-21084
- **VoS**: G 211092
- **FG**: ASP-1019/12 (GRIZZLE C), ASP-1020/12 (GRIZZLE A), ASP-1021/12 (GRIZZLE 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.

Fastening clips: CL 250 W
Fastening clips for wire suspension of pipelines. Silk wire is strung through the room, and the pipeline is pressed into the clips and pushed onto the wire from one end.

Filter kit, 5pk: FI 003 KP
Progressive filters prevent dust from contaminating the sensors. Comes complete with frames for quick and easy replacement.

Condensation reservoir: LK 501
Install in front of ASPECT to remove condensation from the sampled air before it enters the detection chamber. UV-resistant plastic ensures that the LK 501 can handle exposure to direct sunlight over time.

VULCAN dust- and condensation filter: VF 250 com
Install in front of ASPECT to remove both dust and condensation from the sampled air before it enters the detection chamber. Used when securing rooms with extreme amounts of dust.

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.

Pipe branch: GG 256
80 cm pipe branch for extended sampling points. Used for simple detection both over and underneath shadow curtains in greenhouses.

Exhaust kit: AU 002
Used to lead exhaust air back into rooms with large underpressure. Can also reduce fan noise or avoid the spread of odours if an ASPECT installed in an office environment samples air from livestock rooms or similar.