



### GRIZZLE

Available on the  
**App Store**

ANDROID APP ON  
**Google play**

- Two separated areas for connection of pipelines.
- Sensitivity according to EN54-20, class B and C.
- Up to 2x100 m pipeline per area (class C).
- Tight enclosure with overpressure keeps dust away from the control electronics.
- Internal supervision warns of operating faults (clogged filters, air flow and fan faults), mains and battery faults.
- Built-in emergency power supply.
- The ASPECT GRIZZLE may be connected to Elotec fire alarm panels, or function as a stand-alone device with an integrated control panel.

#### Approvals / certificate numbers



0786-CPR-21084  
 155-EDP-005



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ASP-1019/12 (GRIZZLE C) LA-008/05 (Voice)  
 ASP-1020/12 (GRIZZLE A) LA-014/13 (Royal)  
 ASP-1021/12 (GRIZZLE S)



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12-944

The ASPECT GRIZZLE 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 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.

The included diagnostics module allows for simple configuration and status readouts from smartphones or tablets over WiFi. App available on Google Play™.

#### Specifications

Operating voltage	230 VAC, 50 Hz
Current consumption	500 mA max.
Enclosure rating	IP44
Operating temperature	-40 °C to +60 °C (Lead acid battery should not be charged at above 50 °C)
Aspirator fan	450 Pa radial fan
Dimensions (W x H x D)	272 x 530 x 143 mm

#### Ordering information

AE2010G-V	GRIZZLE C for Voice
AE2010G-C	GRIZZLE C for Colt
AE2010G-M	GRIZZLE A for Magnum 10/25
AE2010G-R	GRIZZLE A for Royal
AE2010G-R+	GRIZZLE A for Royal Z+
AE2010G-S	GRIZZLE S (stand-alone unit)
BA 700	Battery, 12V / 7Ah
AU 002	Exhaust kit
ASPECT-WIFI	Diagnostics module

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### 25 mm plastic pipe: PL 252 (RED: PL 253)

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 joints: SK 252 (RED: SK 253)

Extra long sleeve couplings with included sealant provides excellent connections in the pipeline and prevents pipes slipping apart.



### Bend, 90°: BE 252 (RED BE 253)

Sleeve couplings bent at 90 degrees, including the same sealant as regular couplings.



### Bend, 45°: BE 252-45 (A/B) (RED: BE 253-45)

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.



### Cross X/Y: KG 252 (RED: KG 253)

Cross X/Y is used to split one pipe into two or three pipes.



### Fastening clips: CL 250 (RED: CL 253)

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.



### THUB for ASPECT 2010: THUB

Can be used for ELOCLEAN, VULCAN and ASPECT. Simple wall mounting with built in leveler. THUB and pipes can be mounted before attaching the ASPECT. Integrated condensation container and drain.



### 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.



### Exhaust kit: AU 003

Exhaust kit for combined use of VULCAN/THUB



### Diagnostics module: ASPECT-WiFi

This module and its companion app Aspect Tool greatly simplifies commissioning, configuration and service.



### Filter kit, 5pk: FI 003 KP

Progressive filters prevent dust from contaminating the sensors. Comes complete with frames for quick and easy replacement.



### Filter kit, 5pk: FI 004 KP

Extra fine filter, used where very small dust particles are present, e.g. garages or workshops. May need more frequent replacement than standard filters.