

AUTOMATIC WATER TRAP AOV 1

Use and description:

Automatic water trap **AOV 1** (hereinafter only trap) is used for trapping and automatic drainage of the condensate from the compressed air piping used for feeding the pneumatic equipment. Using the trap, the equipment with pneumatic drive is protected against the entry of the condensate, e.g. fans, pumps, parts of automatic devices being part of belt or scraper conveyors, pressure air distribution systems in machinery etc.

The trap consists of a steel casing, into which the dirty compressed air is fed through the 1" opening. The air goes through the brass screen on which the dirty water condenses. Cleaned pressure air goes out through two ¾" openings. The condensate is discharged through the valve with float mechanism located on the trap bottom.



AOV 1

Characteristics:

| Type | | AOV 1 |
|---------------------|-----------------|-----------|
| Air pressure | MPa | 0.3 – 0.7 |
| Filtration | µm | 120 |
| Discharging opening | mm | ø 3.5 |
| Vessel volume | dm ³ | ca 10 |
| Entry DN | mm | 25 |
| Output DN | mm | 2x20 |
| Weight | kg | 26.0 |

Type marking:

AOV 1
 AOV AUTOMATIC WATER TRAP
 1 type number

The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas "dangerous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.