# Pre-filter, Series AS3-FLP

**R412007033**

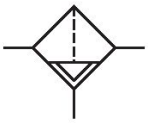


## Series AS3

The AVENTICS Series AS3 is a modular, versatile maintenance unit for universal application. This Series offers compact dimensions, is highly efficient, lightweight and easy-to-use. The AVENTICS Series AS guarantees reliability, safety, and efficiency with a simplified assembly and maintenance efforts.

- Low weight



## Technical data

| | |
|---|---|
| Industry | Industrial |
| Note | Archive product: Do not use in new constructions! |
| Parts | Pre-filter |
| Reservoir | reservoir, metal, with inspection glass |
| Port | G 1/2 |
| Nominal flow Qn | 900 l/min |
| Condensate drain | semi-automatic, open without pressure |
| Min. working pressure | 1.5 bar |
| Max. working pressure | 16 bar |
| Min. ambient temperature | -10 °C |
| Max. ambient temperature | 50 °C |
| Medium | Compressed air<br>Neutral gases |
| Max. achievable compressed air class acc. to ISO 8573-1:2010 | 2 : - : 3 |
| Filter reservoir volume | 49 cm³ |
| Filter element | exchangeable |
| Recommended pre-filtering | 5 µm |
| Weight | 0.757 kg |

| | |
|---|---|
| inspection glass | with window |
| Mounting orientation | vertical |
| Type | Can be assembled into blocks |

## Material

| | |
|---|---|
| Housing material | Polyamide |
| Material front plate | Acrylonitrile butadiene styrene |
| Seal material | Acrylonitrile butadiene rubber |
| Material threaded bushing | Die cast zinc |
| Material reservoir | Die cast zinc |
| Material filter insert | Impregnated paper |
| Part No. | R412007033 |

## Technical information

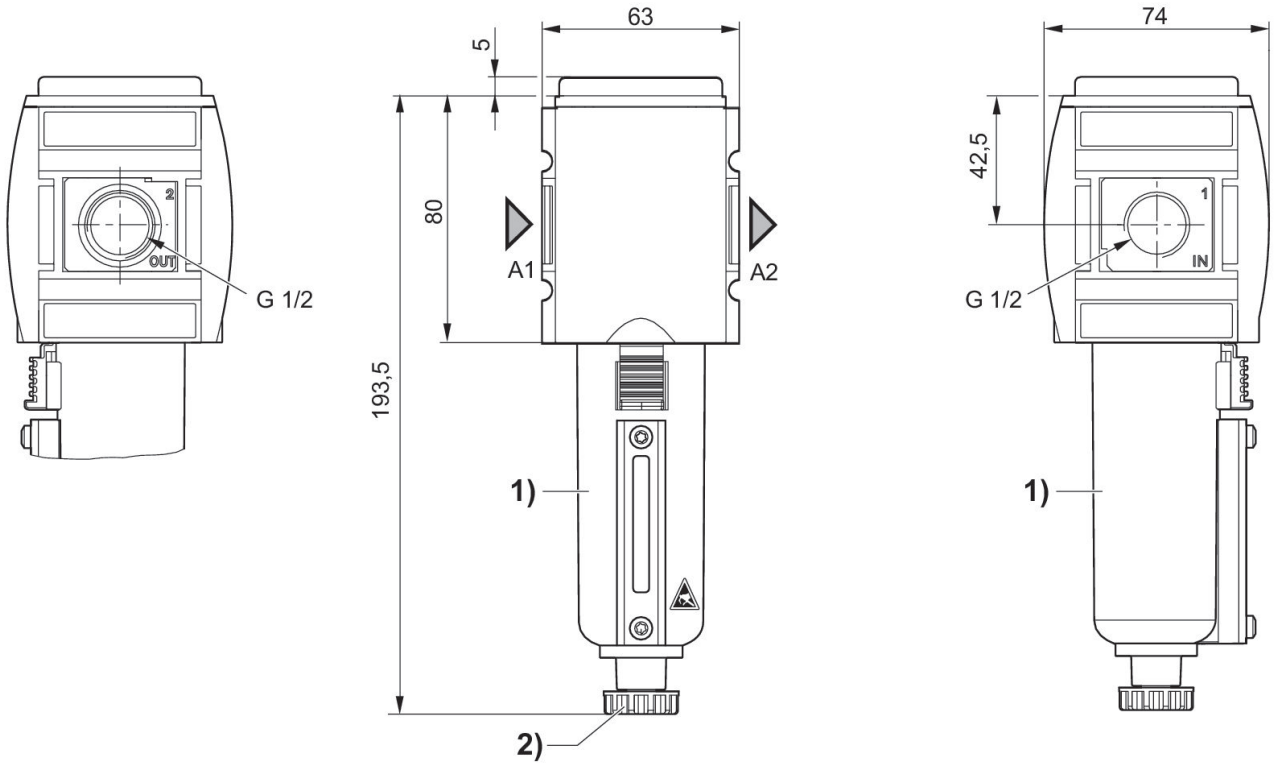
The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 0,1 bar

A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

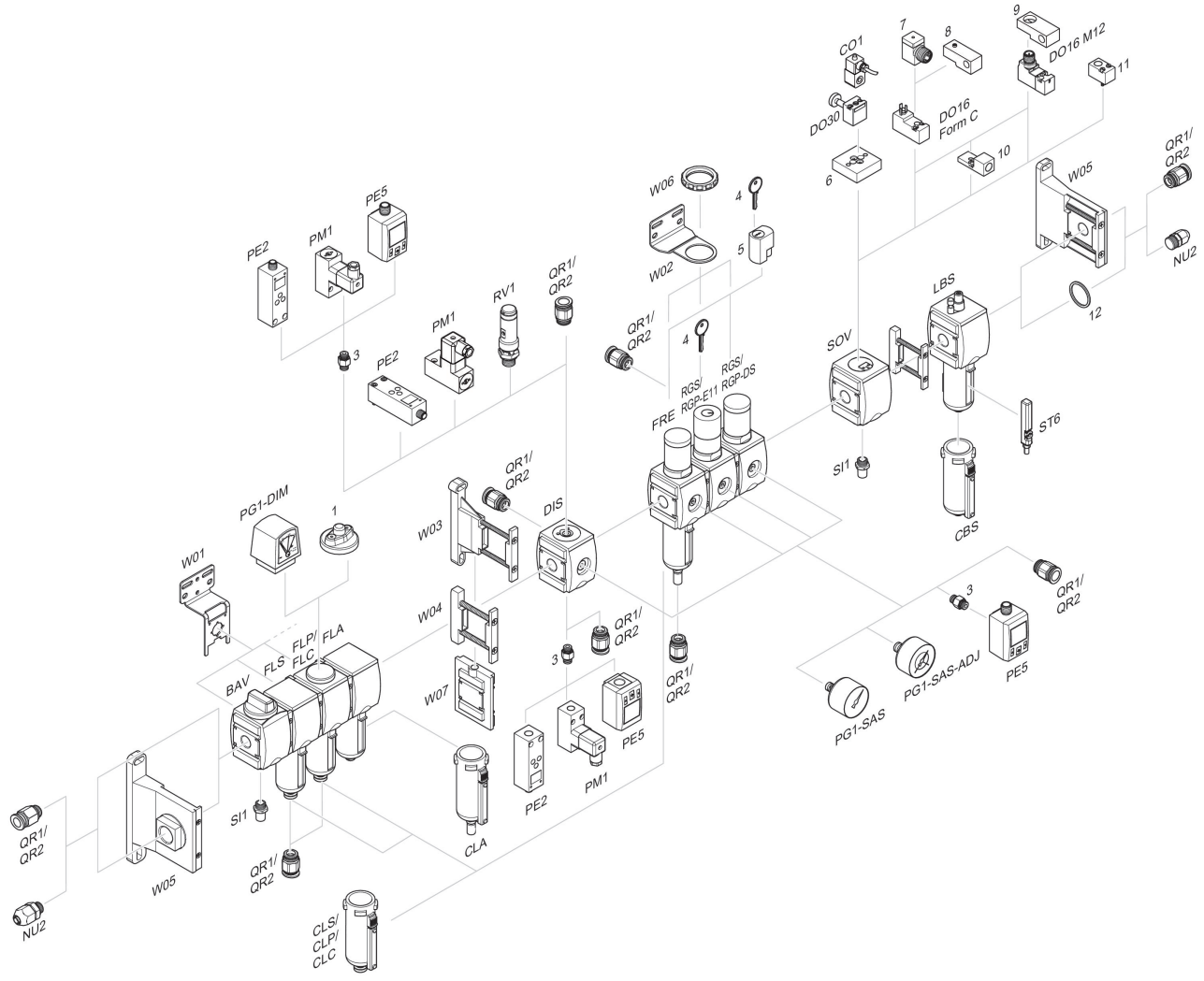
Dust separation = 99.99%

## Dimensions in mm



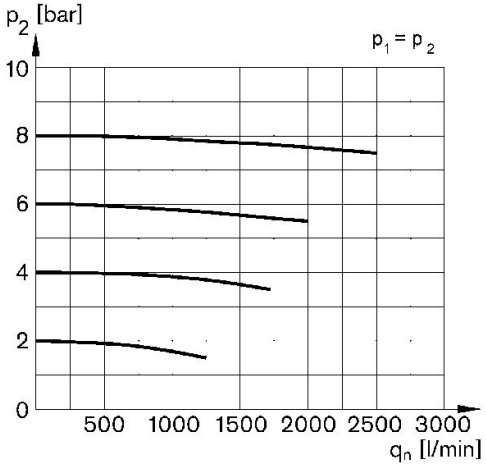

A1 = input
A2 = output
1) Plastic reservoir and protective guard with window
2) Semi-automatic condensate drain

## Accessories overview




1 = contamination display 3 = Double nipple 4 = Key for E11 locking 5 = mortise lock 6 = Transition plate DO30 7 = Adapter, Series CON-VP 8 = Mounting aid DO16, form C 9 = Mounting aid DO16, M12 10 = Adapter for external pilot air 11 = Adapter pneumatic operation 12 = Sealing ring

## Flow rate characteristic, p2 = 0,05 - 7 bar




p1 = Working pressure
p2 = Secondary pressure
qn = Nominal flow