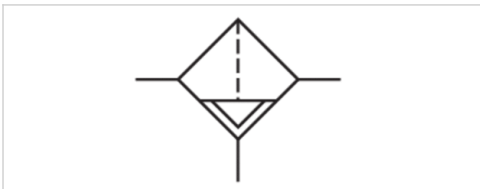


Filter, Series AS3-FLS

- G 3/8 G 1/2
- filter porosity 5 µm
- suitable for ATEX



Version

Parts

Mounting orientation

Certificates

Working pressure min./max.

Ambient temperature min./max.

Medium temperature min./max.

Medium

Filter reservoir volume

Filter element

filter porosity

Condensate drain

Weight

Standard filter, Can be assembled into blocks

Filter

vertical

suitable for ATEX

See table below

-10 ... 50 °C

-10 ... 50 °C

Compressed air Neutral gases

49 cm³

exchangeable

5 µm

See table below

See table below

Technical data

Part No.	Port	Flow Qn	Working pressure min./max.
R412007000	G 3/8	3500 l/min	1,5 ... 16 bar
R412007001	G 3/8	3500 l/min	1,5 ... 16 bar
R412007002	G 3/8	3500 l/min	0 ... 16 bar
R412007006	G 3/8	3500 l/min	1,5 ... 16 bar
R412007007	G 3/8	3500 l/min	1,5 ... 16 bar
R412007008	G 3/8	3500 l/min	0 ... 16 bar
R412007009	G 1/2	3500 l/min	1,5 ... 16 bar
R412007010	G 1/2	3500 l/min	1,5 ... 16 bar
R412007011	G 1/2	3500 l/min	0 ... 16 bar
R412007015	G 1/2	3500 l/min	1,5 ... 16 bar
R412007016	G 1/2	3500 l/min	1,5 ... 16 bar
R412007017	G 1/2	3500 l/min	0 ... 16 bar

Part No.	Condensate drain	Reservoir
R412007000	semi-automatic, open without pressure	Polycarbonate
R412007001	fully automatic, open without pressure	Polycarbonate
R412007002	fully automatic, closed without pressure	Polycarbonate
R412007006	semi-automatic, open without pressure	Die cast zinc with window
R412007007	fully automatic, open without pressure	Die cast zinc with window
R412007008	fully automatic, closed without pressure	Die cast zinc with window
R412007009	semi-automatic, open without pressure	Polycarbonate

Part No.	Condensate drain	Reservoir
R412007010	fully automatic, open without pressure	Polycarbonate
R412007011	fully automatic, closed without pressure	Polycarbonate
R412007015	semi-automatic, open without pressure	Die cast zinc with window
R412007016	fully automatic, open without pressure	Die cast zinc with window
R412007017	fully automatic, closed without pressure	Die cast zinc with window

Part No.	Protective guard	Material Reservoir	Weight
R412007000	Polyamide	reservoir, polycarbonate, with PA protective guard	0,361 kg
R412007001	Polyamide	reservoir, polycarbonate, with PA protective guard	0,41 kg
R412007002	Polyamide	reservoir, polycarbonate, with PA protective guard	0,41 kg
R412007006	-	-	0,723 kg
R412007007	-	-	0,79 kg
R412007008	-	-	0,79 kg
R412007009	Polyamide	reservoir, polycarbonate, with PA protective guard	0,361 kg
R412007010	Polyamide	reservoir, polycarbonate, with PA protective guard	0,41 kg
R412007011	Polyamide	reservoir, polycarbonate, with PA protective guard	0,41 kg
R412007015	-	-	0,716 kg
R412007016	-	-	0,769 kg
R412007017	-	-	0,769 kg

Nominal flow Q_n with secondary pressure $p_2 = 6$ bar at $\Delta p = 1$ bar

Suitable for use in Ex zones 1, 2, 21, 22

Technical information

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

Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".

Suitable for use in Ex zones 1, 2, 21, 22

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.

Also suitable for separation of fluid oil or water due to the design.

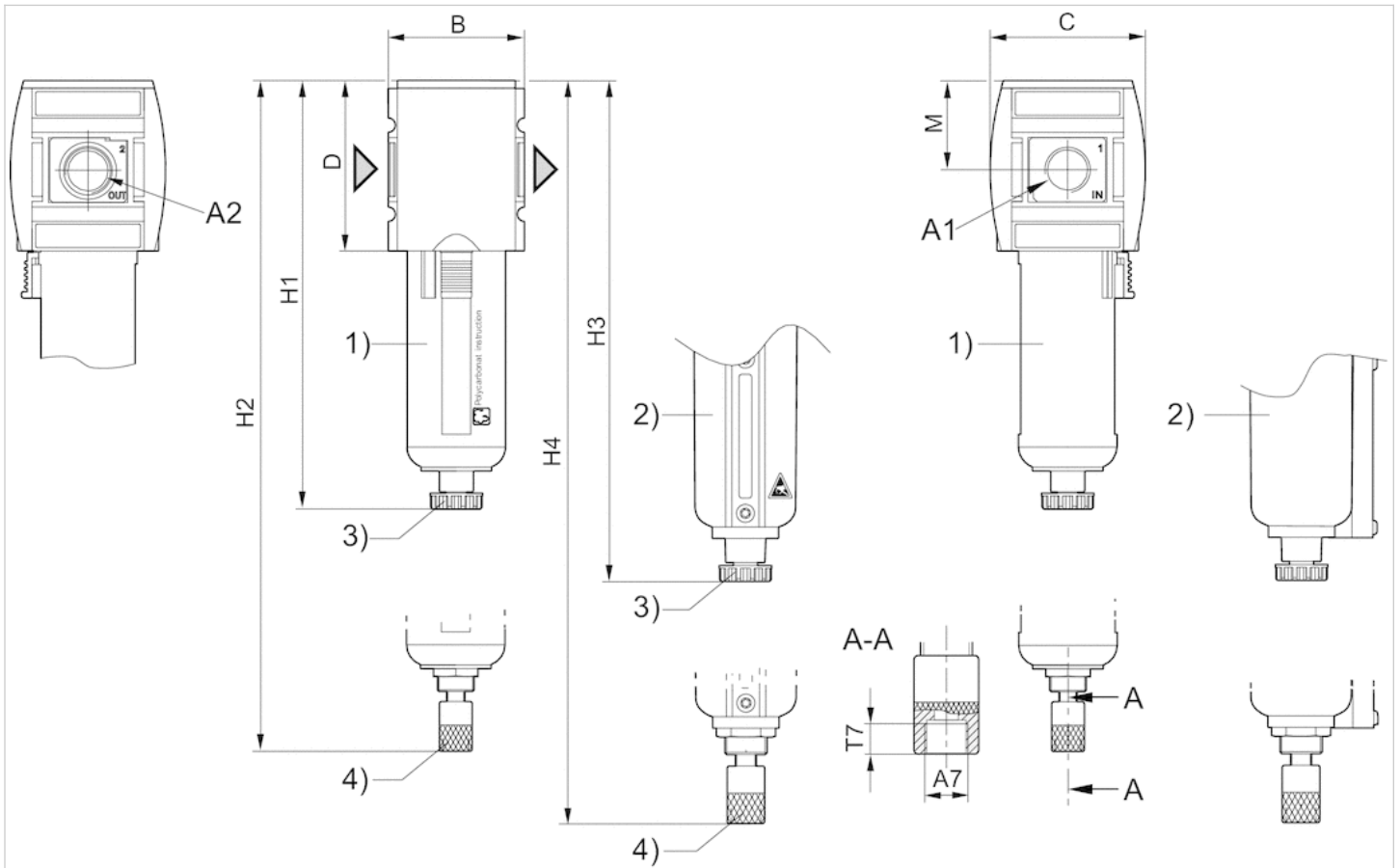
Max. achievable compressed air class acc. to ISO 8573-1:2010 6 : 7 : -

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate Die cast zinc
Protective guard	Polyamide
Filter insert	Polyethylene

Dimensions

Dimensions



A1 = input

A2 = output

A7 = condensate drain

1) Plastic reservoir and protective guard with window

2) Metal reservoir with level indicator

3) Semi-automatic condensate drain

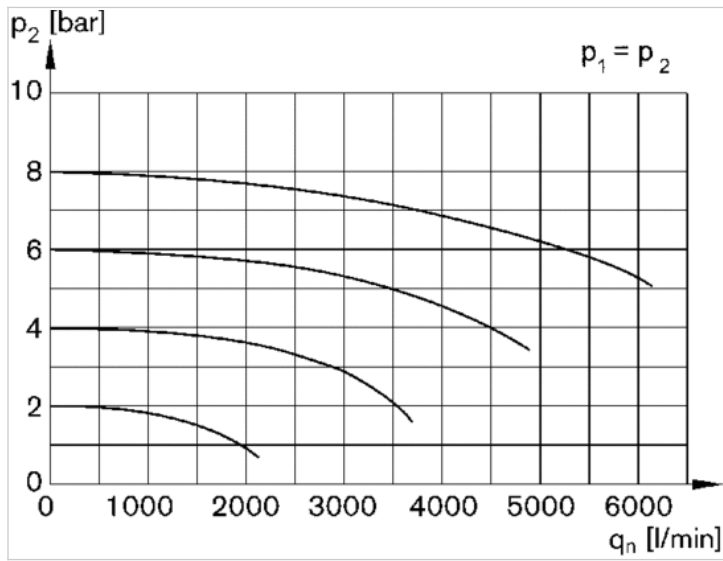
4) Fully automatic condensate drain

Dimensions in mm

A1	A2	A7	B	C	D	H1	H2	H3	H4	M	T7
G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	8.5
G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	8.5

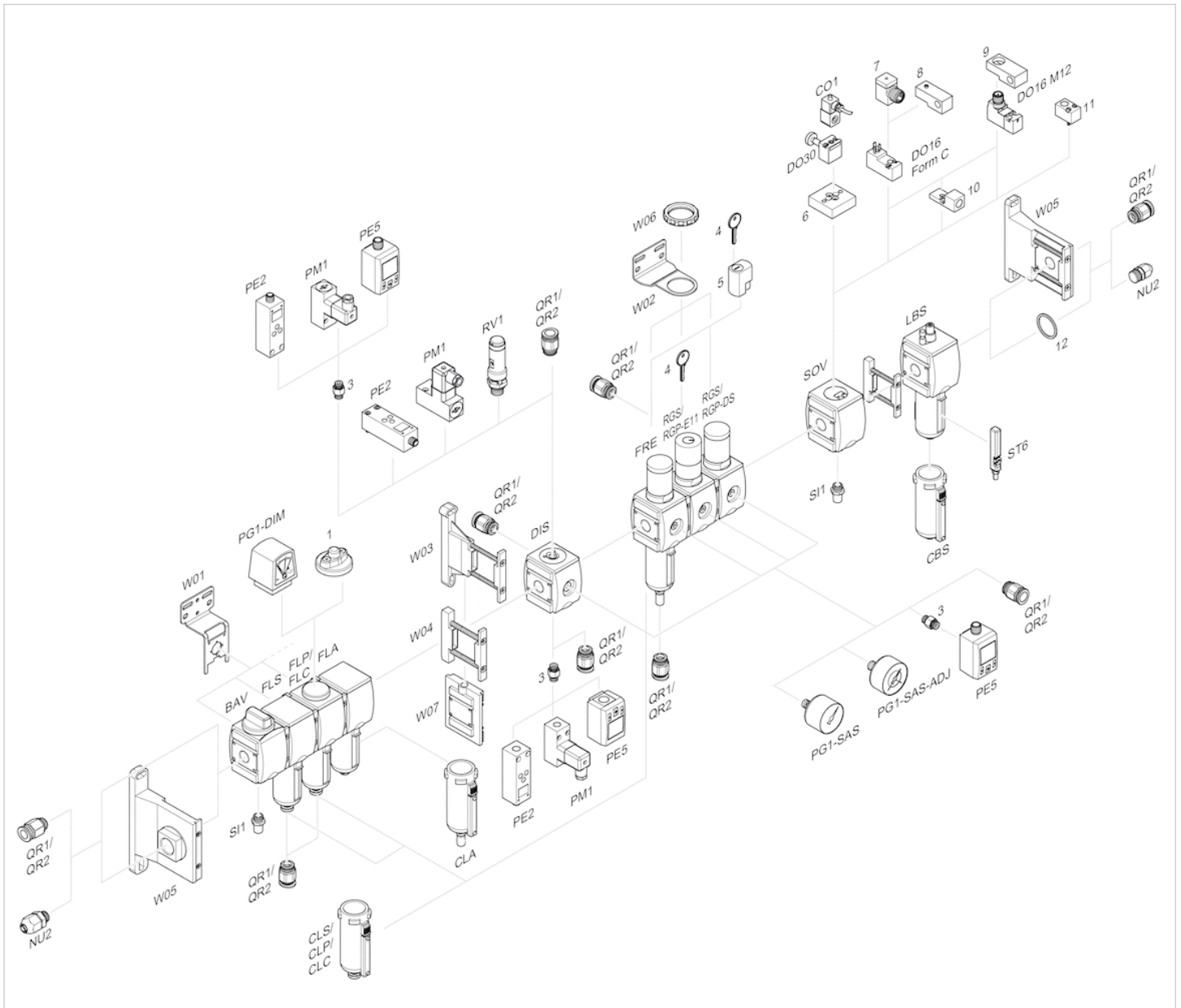
Diagrams

Flow rate characteristic



p_1 = Working pressure
 p_2 = Secondary pressure
 q_n = Nominal flow

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