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Standard filter, Series AS1-FLS

- G 1/4
- Air supply right
- filter porosity 5 µm

Version	Standard filter, Can be assembled into blocks
Parts	Filter
Mounting orientation	vertical
Working pressure min./max.	1,5 ... 12 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	16 cm³
Filter element	exchangeable
filter porosity	5 µm
Condensate drain	See table
Weight	See table

Technical data

Part No.	Port	Qn	Condensate drain	Reservoir
R412014678	G 1/4	1000 l/min	semi-automatic, open without pressure	Polycarbonate
R412014679	G 1/4	1000 l/min	fully automatic, open without pressure	Polycarbonate
R412014680	G 1/4	1000 l/min	fully automatic, closed without pressure	Polycarbonate
R412014681	G 1/4	1000 l/min	semi-automatic, open without pressure	Polycarbonate
R412014682	G 1/4	1000 l/min	semi-automatic, open without pressure	metal
R412014683	G 1/4	1000 l/min	fully automatic, open without pressure	metal
R412014684	G 1/4	1000 l/min	fully automatic, closed without pressure	metal

Part No.	Protective guard	Weight
R412014678	-	0,166 kg
R412014679	-	0,184 kg
R412014680	-	0,184 kg
R412014681	metal	0,193 kg
R412014682	-	0,243 kg
R412014683	-	0,255 kg
R412014684	-	0,255 kg

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".
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 : -

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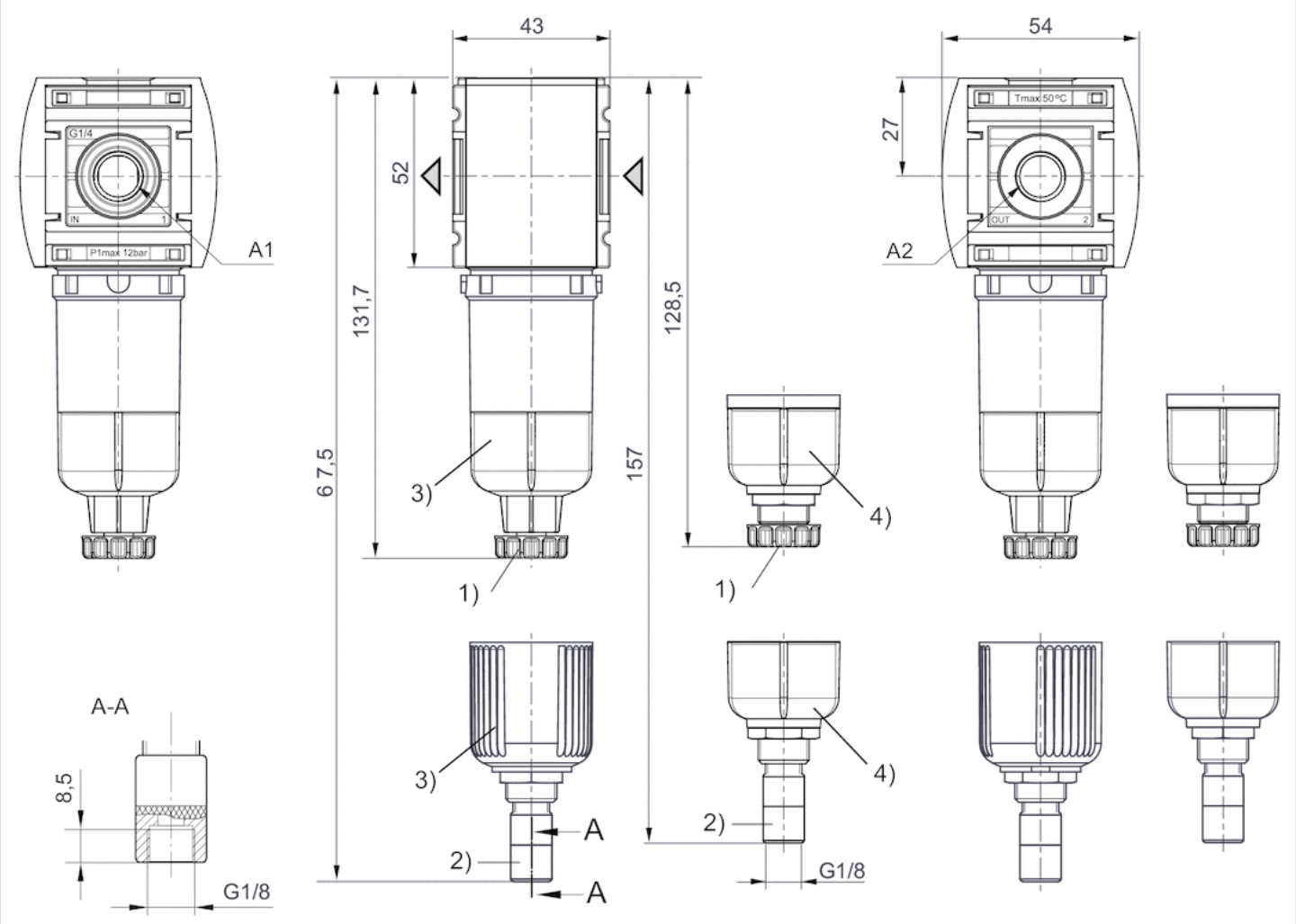
Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate metal
Protective guard	metal
Filter insert	Cellpor

Dimensions

Dimensions



A1 = inputA2 = output
1) Semi-automatic condensate drain
2) Fully automatic condensate drain
3) Reservoir: polycarbonate
4) Reservoir: metal

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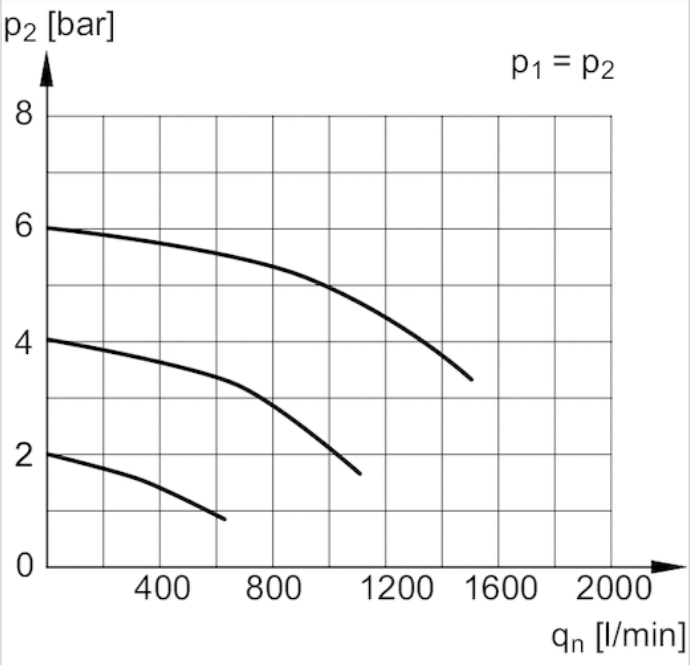
Diagrams

Flow rate characteristic



p1 = Working pressurep2 = Secondary pressureqn = Nominal flow