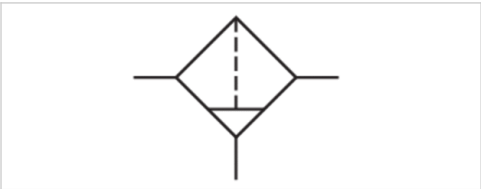
Filter, Series MU1-FLS

- G 1 G 1 1/4 G 1 1/2
- filter porosity 40 µm



Type	Standard filter
Parts	Filter
Mounting orientation	vertical
Working pressure min./max.	See table below
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	300 cm³
Filter element	exchangeable
filter porosity	40 µm
Condensate drain	See table below
Weight	1,5 kg

Technical data

Part No.	Port	Flow Qn	Working pressure min./max.
R412007587	G 1	12500 l/min	1,5 ... 16 bar
9155520220	G 1	12500 l/min	0 ... 25 bar
R412007588	G 1 1/4	12500 l/min	1,5 ... 16 bar
R412006583	G 1 1/4	12500 l/min	1,5 ... 16 bar
R412006565	G 1 1/4	12500 l/min	0 ... 25 bar
R412007599	G 1 1/2	12500 l/min	1,5 ... 16 bar
R412006566	G 1 1/2	12500 l/min	0 ... 25 bar

Part No.	Condensate drain
R412007587	semi-automatic, open without pressure
9155520220	fully automatic, open without pressure
R412007588	semi-automatic, open without pressure
R412006583	fully automatic, open without pressure
R412006565	Manual
R412007599	fully automatic, open without pressure
R412006566	Manual

Part No.	Version	ATEX	
R412007587	reservoir, polycarbonate, with metal protective guard	suitable for ATEX	1)
9155520220	Metal reservoir without window	suitable for ATEX	1)
R412007588	reservoir, polycarbonate, with metal protective guard	suitable for ATEX	1)

Part No.	Version	ATEX	
R412006583	Metal reservoir without window	suitable for ATEX	1)
R412006565	Metal reservoir without window	suitable for ATEX	1)
R412007599	Metal reservoir without window	suitable for ATEX	1)
R412006566	Metal reservoir without window	-	-

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

1) Suitable for use in Ex zones 1, 2, 21, 22., suitable for ATEX

Technical information

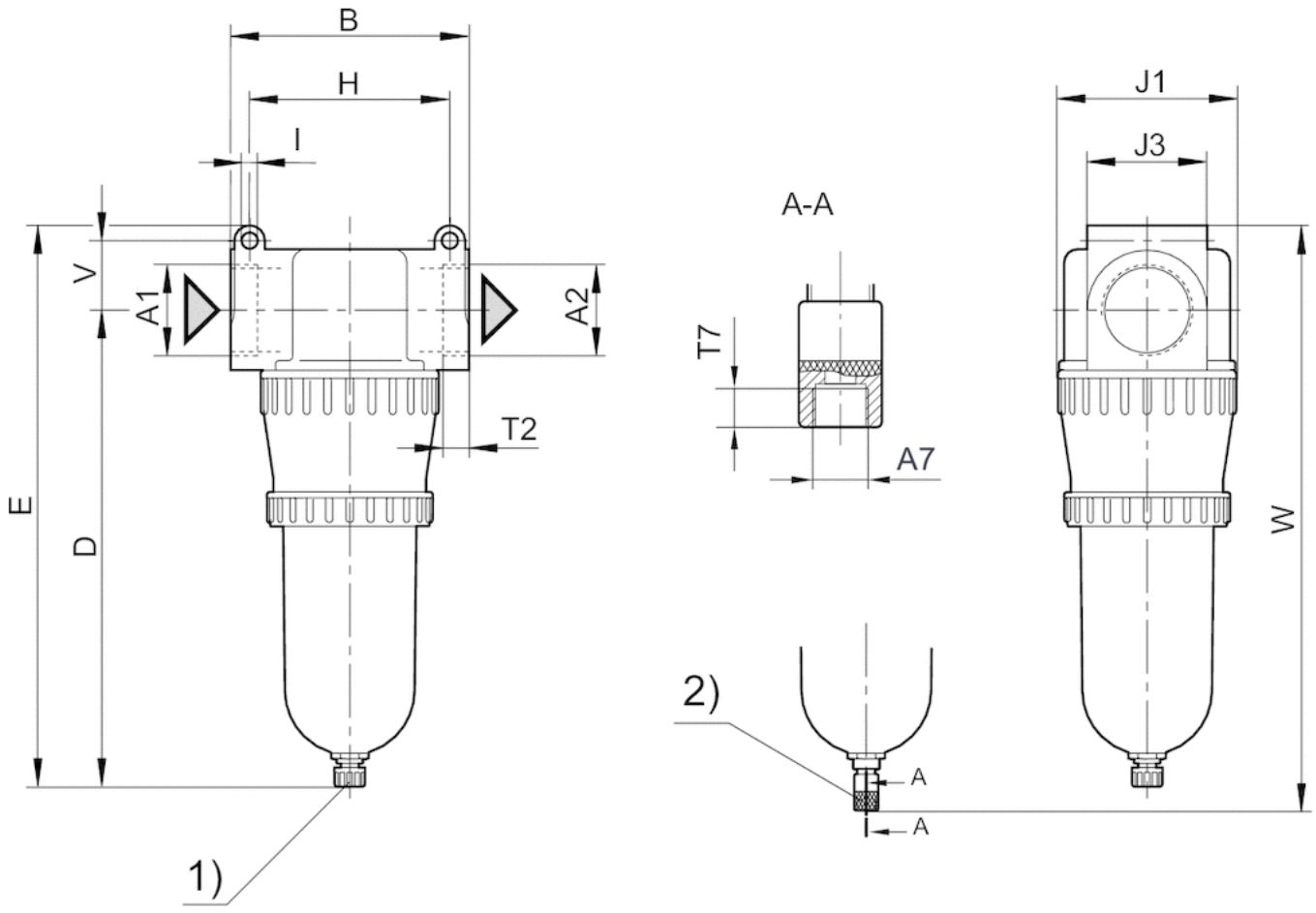
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
mounting: for installing in piping or via 2 through-holes in housing

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate
Protective guard	Steel
Filter insert	Polyethylene

Dimensions

Dimensions



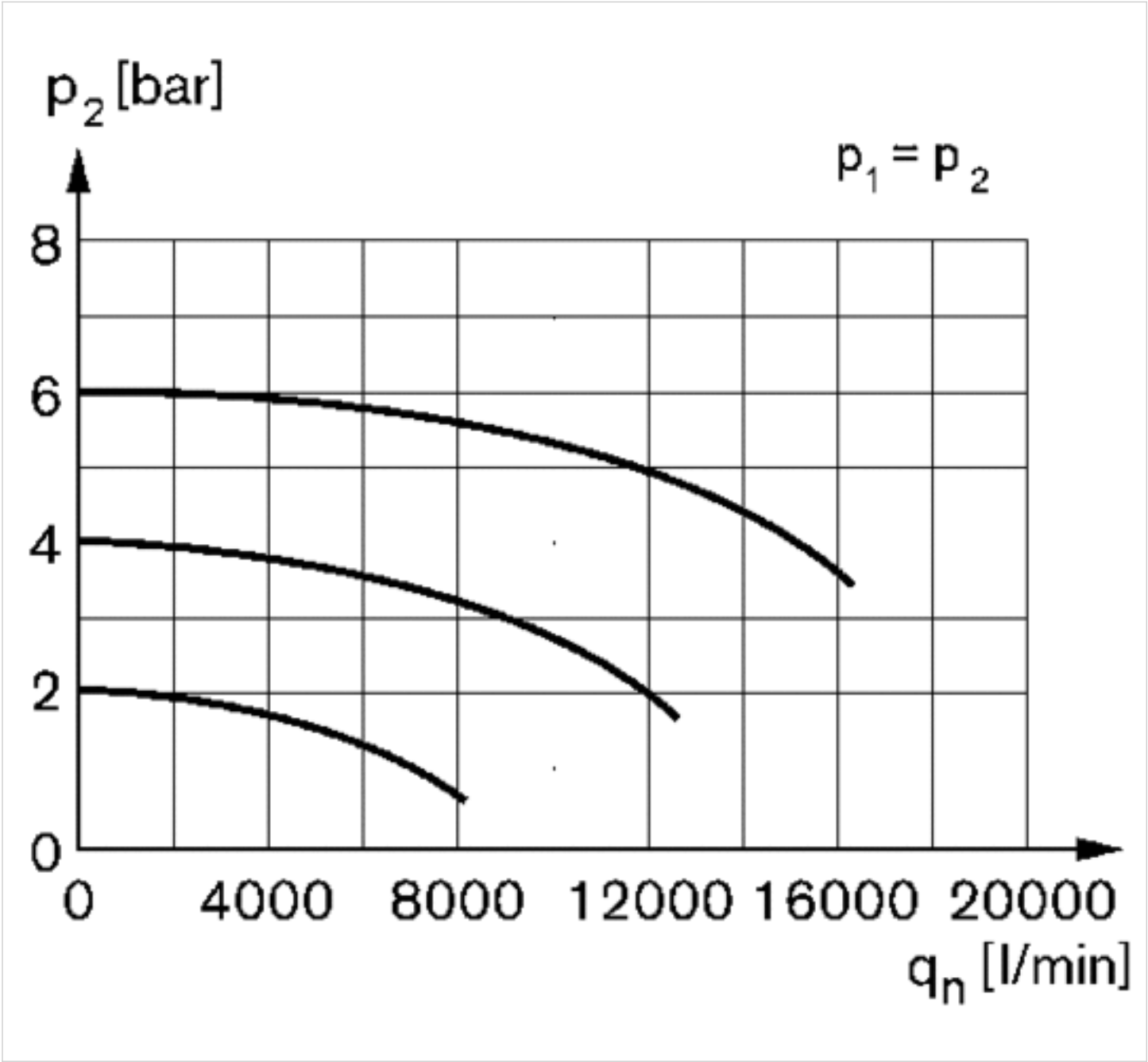
1) manual + semi-automatic condensate drain 2) fully automatic condensate drain

Dimensions

A1	A2	A7	B ±7	D ±7	E ±7	H	I	J1	J3	T2	T7	V ±5	W ±7
G 1	G 1	G 1/8	125	250	286.5	105	8.5	100	63	25	8.5	36.5	307
G 1 1/4	G 1 1/4	G 1/8	125	250	286.5	105	8.5	100	63	25	8.5	36.5	307
G 1 1/2	G 1 1/2	G 1/8	125	250	286.5	105	8.5	100	63	25	8.5	36.5	307

Diagrams

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

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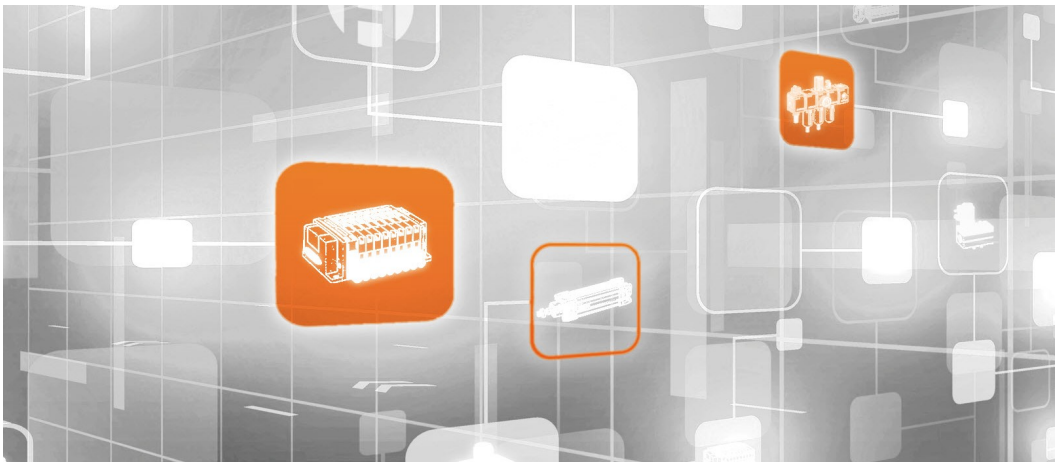

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