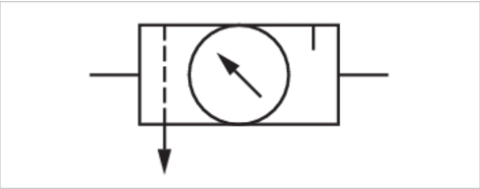
Maintenance unit, 3-part, Series AS3-ACT

- G 3/8
- filter porosity 5 µm
- lockable
- for padlocks
- with pressure gauge
- suitable for ATEX





Version	3-part, Can be assembled into blocks
Parts	Pressure regulator, Filter, Lubricator
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	See table
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Nominal flow Qn	3500 l/min
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0,5 ... 8 bar
Pressure supply	single
Filter reservoir volume	49 cm³
Filter element	exchangeable
Condensate drain	See table
Lubricator reservoir volume	80 cm³
Type of filling	Semi-automatic oil filling during operation Manual oil filling
Weight	See table

Technical data

Part No.	Port	Flow	Working pressure min./max.
		Qn	
R412007318	G 3/8	3500 l/min	1,5 ... 16 bar
R412007319	G 3/8	3500 l/min	1,5 ... 16 bar
R412007320	G 3/8	3500 l/min	0 ... 16 bar
R412007324	G 3/8	3500 l/min	1,5 ... 16 bar
R412007325	G 3/8	3500 l/min	1,5 ... 16 bar
R412007326	G 3/8	3500 l/min	0 ... 16 bar
R412007327	G 1/2	3500 l/min	1,5 ... 16 bar
R412007328	G 1/2	3500 l/min	1,5 ... 16 bar
R412007329	G 1/2	3500 l/min	0 ... 16 bar
R412007333	G 1/2	3500 l/min	1,5 ... 16 bar
R412007334	G 1/2	3500 l/min	1,5 ... 16 bar
R412007335	G 1/2	3500 l/min	0 ... 16 bar

Part No.	Condensate drain	Reservoir	Protective guard	Weight
R412007318	semi-automatic, open without pressure	Polycarbonate	Polyamide	1,35 kg
R412007319	fully automatic, open without pressure	Polycarbonate	Polyamide	1,4 kg
R412007320	fully automatic, closed without pressure	Polycarbonate	Polyamide	1,4 kg
R412007324	semi-automatic, open without pressure	Die cast zinc	-	2,41 kg
R412007325	fully automatic, open without pressure	Die cast zinc	-	2,43 kg
R412007326	fully automatic, closed without pressure	Die cast zinc	-	2,44 kg
R412007327	semi-automatic, open without pressure	Polycarbonate	Polyamide	1,35 kg
R412007328	fully automatic, open without pressure	Polycarbonate	Polyamide	1,4 kg
R412007329	fully automatic, closed without pressure	Polycarbonate	Polyamide	1,4 kg
R412007333	semi-automatic, open without pressure	Die cast zinc	-	2,34 kg
R412007334	fully automatic, open without pressure	Die cast zinc	-	2,37 kg
R412007335	fully automatic, closed without pressure	Die cast zinc	-	2,39 kg

Technical information

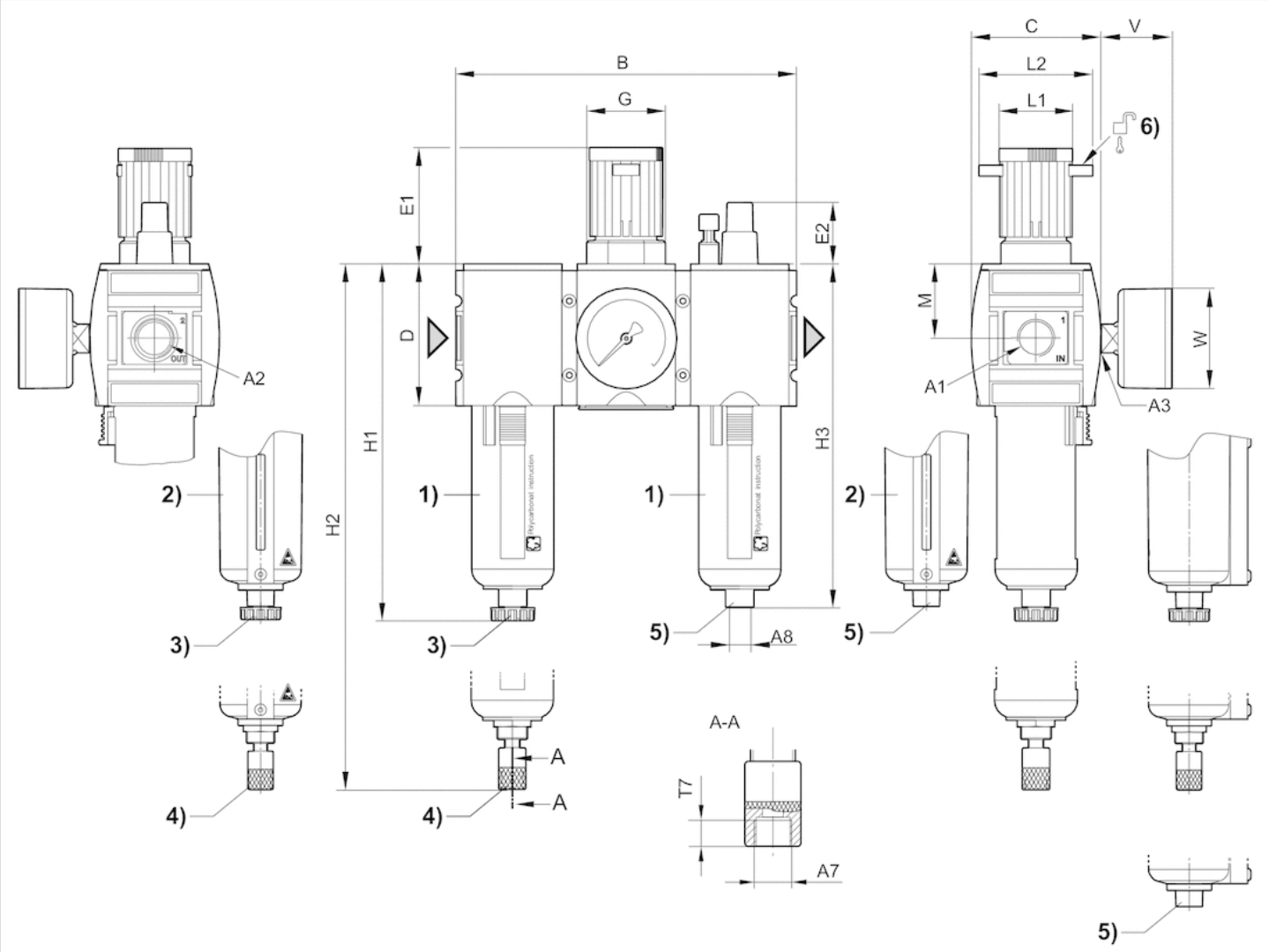
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".
Suitable for use in Ex zones 1, 2, 21, 22
A change in the flow direction (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.

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



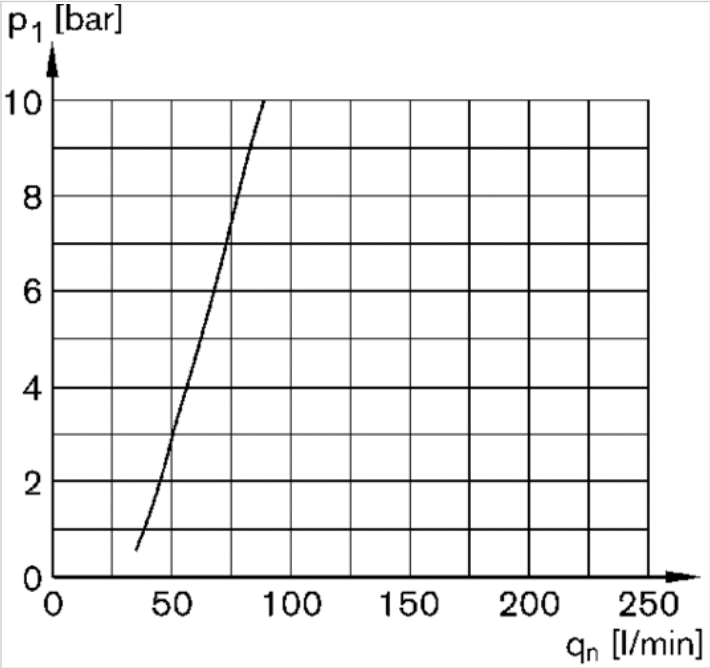
A1 = inputA2 = outputA3 = pressure gauge connection
A7 = condensate drain
1) Plastic reservoir and protective guard with window
2) Metal reservoir with level indicator
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) Port for semi-automatic oil filling6) Mounting option for padlocks; max. shackle Ø 8

Dimensions in mm

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2	H3	M	L1	L2	T7	V	W
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	189	74	80	63.5	27.5	M42x1,5	189.5	206	183	42.5	41	60	8.5	33	50
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	189	74	80	63.5	27.5	M42x1,5	189.5	206	183	42.5	41	60	8.5	33	50
G 1/2	G 1/2	G 1/4	G 1/8	G 1/8	189	74	80	63.5	27.5	M42x1,5	189.5	206	183	42.5	41	60	8.5	33	50

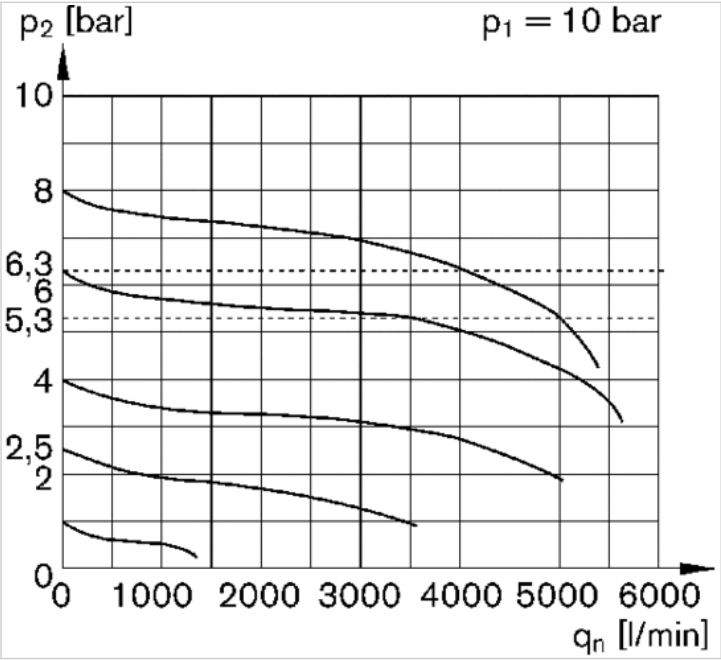
Diagrams

Lubricator activation margin



p1 = working pressureqn = nominal flow

Flow rate characteristic (p2: 05 - 8 bar)



p1 = Working pressurep2 = Secondary pressureqn = Nominal flow