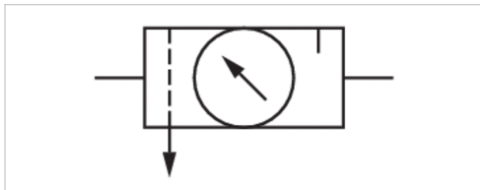


# Maintenance unit, 2-part, Series AS1-ACD

- G 1/4
- Air supply left
- filter porosity 5  $\mu\text{m}$
- With integrated pressure gauge



Version	2-in-1, Can be assembled into blocks
Parts	Filter pressure regulator, Lubricator
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
Nominal flow Qn	700 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	16 cm <sup>3</sup>
Filter element	exchangeable
Condensate drain	See table below
Lubricator reservoir volume	35 cm <sup>3</sup>
Type of filling	Manual oil filling
Weight	See table below

## Technical data

Part No.	Port	Flow	Condensate drain	Weight
		Qn		
R412014672	G 1/4	700 l/min	semi-automatic, open without pressure	0,504 kg
R412014673	G 1/4	700 l/min	fully automatic, open without pressure	0,522 kg
R412014674	G 1/4	700 l/min	fully automatic, closed without pressure	0,522 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at  $\Delta p = 1$  bar

## 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.

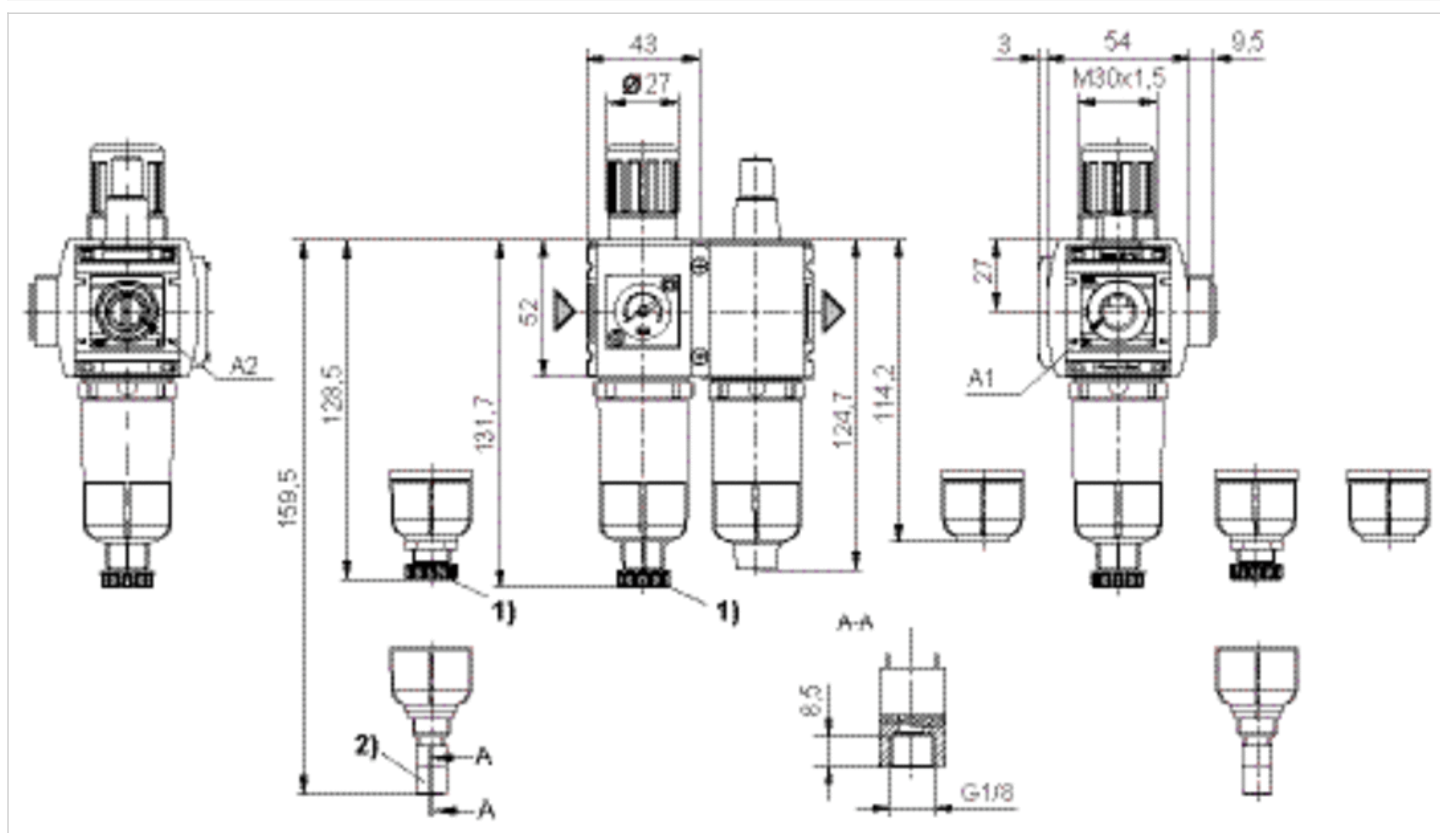
## Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene

Material	
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate
Protective guard	Polyamide
Filter insert	Cellpor

## Dimensions

### Dimensions



A1 = input

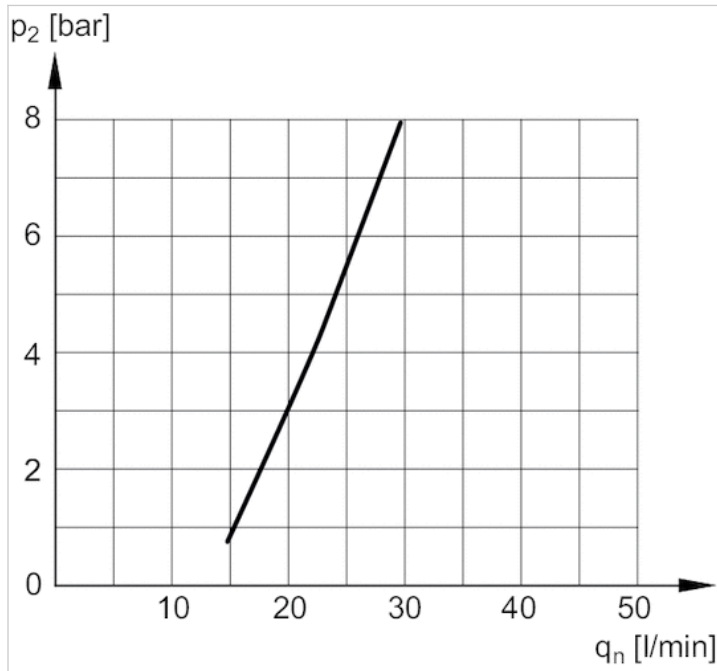
A2 = output

1) Semi-automatic condensate drain

2) Fully automatic condensate drain

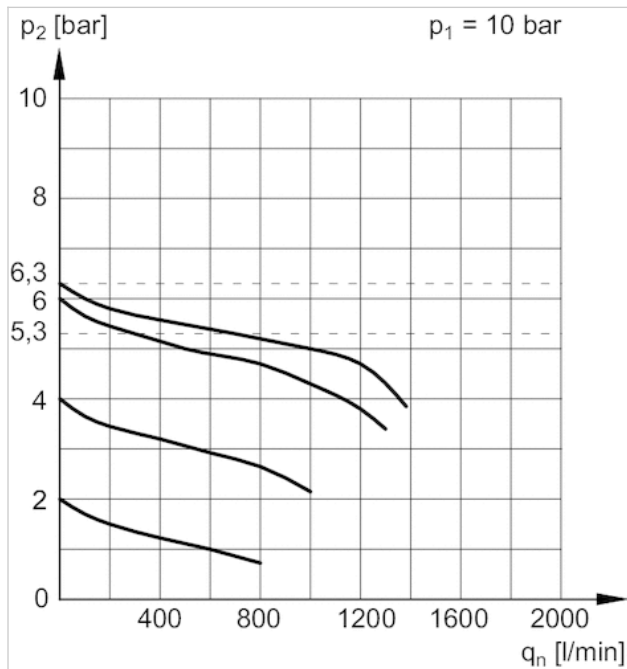
## Diagrams

### Lubricator activation margin



p2 = secondary pressure  
qn = nominal flow

### Flow rate characteristic



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