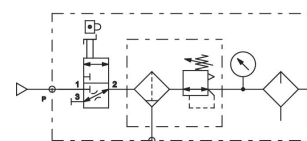


Air preparation unit, 3-part, Series 653

A653A0000000699

General series information
Series 653

- The AVENTICS Series 653 is an easy-to-install line of pneumatic filters, regulators and lubricators (FRLs) that offer the industry's highest flow rates and widest temperature ratings. Available in 1/2-inch, 3/4-inch, and 1-inch port sizes, these FRLs are ideal for automotive and tire, packaging, food and beverage, and process applications requiring highly reliable operation and robust, modern-looking equipment. Available with integrated redundant safe exhaust valve and IIoT enabled air flow sensor.



Technical data

Industry

Parts

Components

Reservoir

Port

Filter porosity

Condensate drain

Working pressure min.

Working pressure max.

Min. ambient temperature

Max. ambient temperature

Regulation range min.

Regulation range max.

Type

Industrial

Air preparation units

Shut-off valve

Filter pressure regulator

Lubricator

Reservoir polycarbonate

G 1

25 µm

semi-automatic, open without pressure

0 bar

10 bar

5 °C

50 °C

0.5 bar

10 bar

3-part

Type	Can be assembled into blocks
Max. achievable compressed air class acc. to ISO 8573-1:2010	1 : - : 2
Medium	Compressed air Neutral gases

Material

Housing material	Aluminum
Seal material	Nitrile butadiene rubber
Material reservoir	Polycarbonate
Material condensate drain	Plastic
Part No.	A653A0000000699

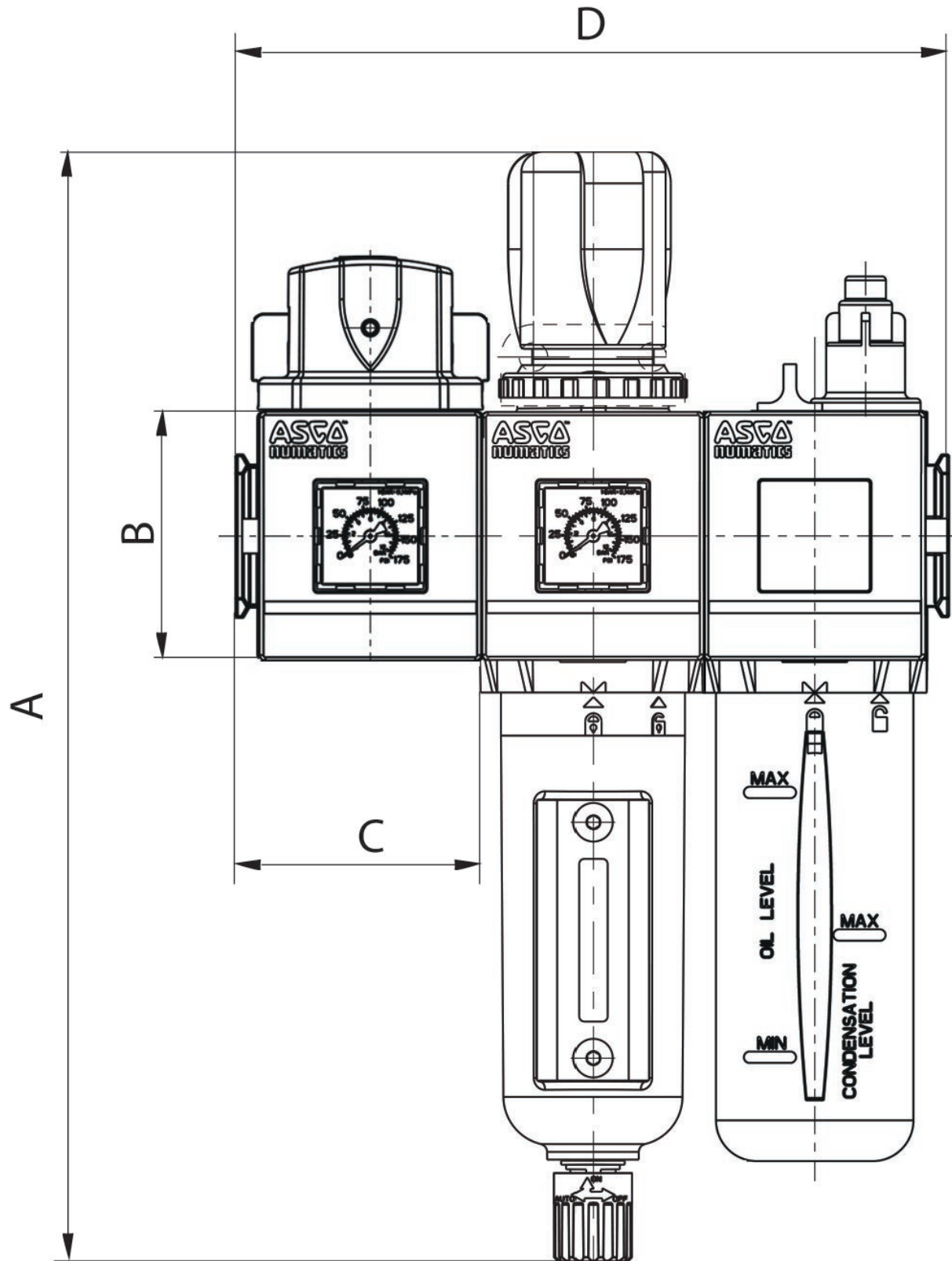
Technical information

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

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in <https://www.emerson.com/en-us/support>).

Dimensions



Series	653
A	340,2
B	93,6
C	90
D	270

Accessories overview

