

Series 647 Filters



AVENTICS™ Series 647 Filters

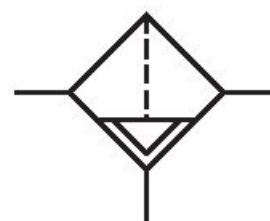


Filter, Series 647

8647ABBK6JA000Q

General series information Series 647

- The Series 647 Railway Filters are designed for the unique needs of the railway industry. The units meet railway regulations for Fire Safety (EN 45545: HL3), Shock & Vibration (EN 61373: Cat 1 Class B), and Corrosion Resistance (ISO 9227).



Technical data

Industry

Rail

Parts

Filter

Port

1 NPT

Filter porosity

5 μ m

Nominal flow Qn

4250 l/min

Condensate drain

Manual

Working pressure min.

0 bar

Working pressure max

12 bar

Min. ambient temperature

-40 °C

Max. ambient temperature

70 °C

Medium

Compressed air

Weight

1.199 kg

Material

Housing material

Aluminum

Seal material

Nitrile butadiene rubber

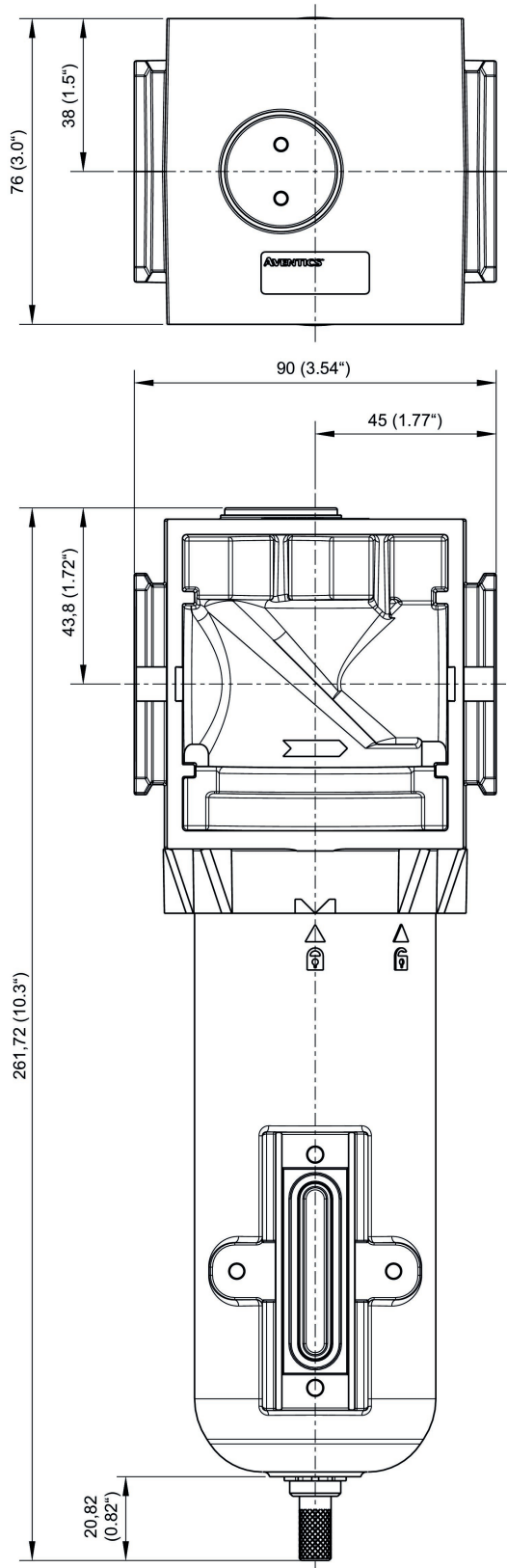
Material filter insert
Sintered polyethylene
Material condensate drain
Stainless Steel

Part No.
8647ABBK6JA000Q

Technical information

Max. achievable compressed air class acc. to ISO 8573-1:2010 5 : 8 : 4 (5 µm filter porosity) und 6 : 8 : 4 (25µm filter porosity)
Other filter porosities on request.

Dimensions in mm (inch)

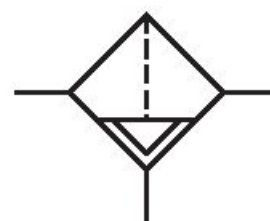


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Technical data

Industry
Industrial

Parts
Filter

Port
G 1

Filter porosity
5 µm

Nominal flow Qn
4250 l/min

Condensate drain
Manual

Working pressure min.
0 bar

Working pressure max
12 bar

Min. ambient temperature
-40 °C

Max. ambient temperature
70 °C

Medium
Compressed air

Weight
1.199 kg

Material

Housing material
Aluminum

Seal material
Nitrile butadiene rubber

Material filter insert
Sintered polyethylene

Part No.
G647ABBK6JA000Q

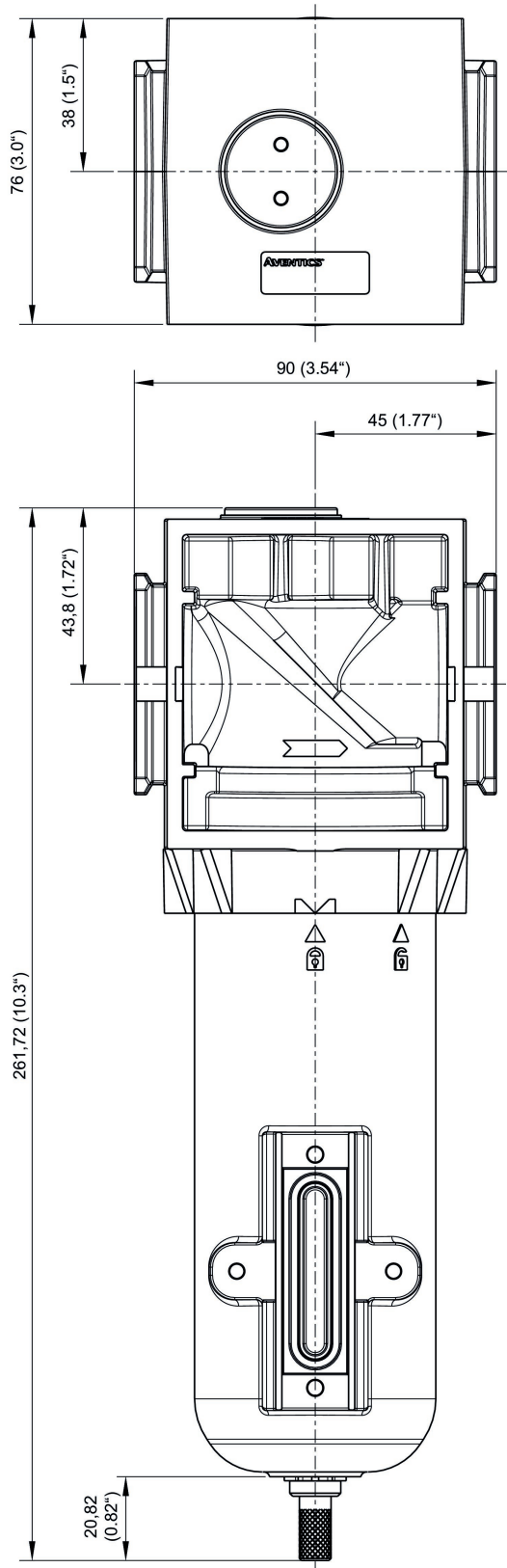
Material condensate drain
Stainless Steel

Technical information

Max. achievable compressed air class acc. to ISO 8573-1:2010 5 : 8 : 4 (5 µm filter porosity) und 6 : 8 : 4 (25µm filter porosity)

Other filter porosities on request.

Dimensions in mm (inch)

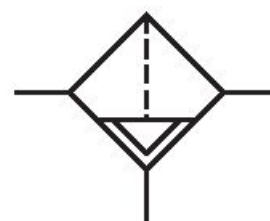


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Technical data

Industry
Industrial

Parts
Filter

Port
G 1

Filter porosity
0.3 μm

Nominal flow Qn
2600 l/min

Condensate drain
Manual

Working pressure min.
0 bar

Working pressure max
12 bar

Min. ambient temperature
-40 °C

Max. ambient temperature
70 °C

Medium
Compressed air

Weight
1.161 kg

Material

Housing material
Aluminum

Seal material
Nitrile butadiene rubber

Material filter insert
Borosilicate glass fiber
Polyester

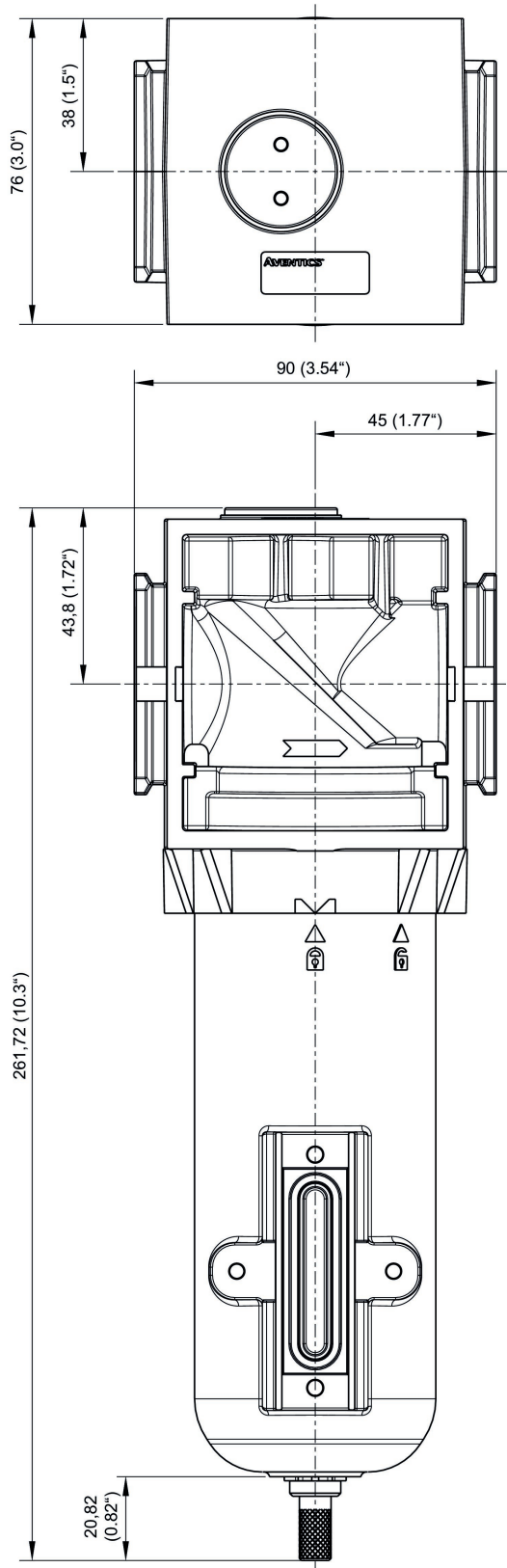
Material condensate drain
Stainless Steel
Part No.
G647AFDK6JA000Q

Technical information

Max. achievable compressed air class acc. to ISO 8573-1:2010 3 : 7 : 3 (0,3 µm filter porosity) and 2 : 7 : 2 (0,01 µm filter porosity)

Other filter porosities on request.

Dimensions in mm (inch)



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