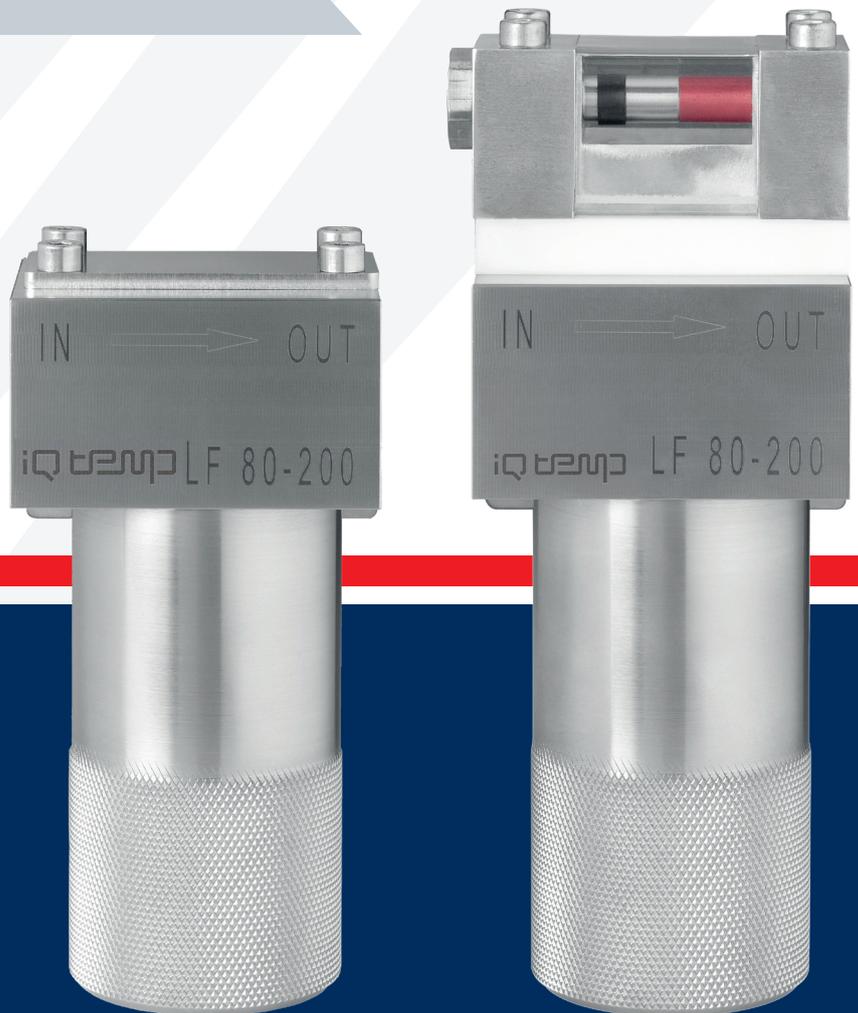


LF 80-200

STAINLESS STEEL IN-LINE FILTER

FOR PROTECTION OF YOUR TEMPERATURE
CONTROL DUCTS



LF80-200 STAINLESS STEEL IN-LINE FILTER

Dirt particles in coolants often lead to blockages in small cooling channels, which can render the mould inserts unusable.

The easy-to-maintain LF80-200 stainless steel line filter offers cost-effective and excellent protection against foreign particles, especially for near-contour cooling channels of injection moulds. The filter can be flanged to the mould or operated directly on temperature control units.

The high filter performance is based on a star-shaped folded stainless steel screen that prevents any particles > 200 µm from entering the cooling channels.

VERSATILE USE

The filter is suitable for water- or oil-based coolants with a flow rate of up to 80 l/min and offers a wide range of applications in a temperature range of -10 to +260°C and a pressure of 16 bar.

EASY MAINTENANCE

Thanks to the maintenance-friendly concept, the filter insert is easy to remove and can be cleaned with compressed air, an ultrasonic bath or a high-pressure cleaner. The filter housing remains in the system circuit.

The LF80-200 is optionally available with a service indicator.

ALL THE ADVANTAGES AT A GLANCE:

- Cost-effective with high filter performance
- Easy maintenance and cleaning
- Suitable for high flow rates
- Wide temperature range



LF80-200



LF80-200 with service indicator

LF80-200

TECHNICAL DATA AND ACCESSORIES



MAINTENANCE INDICATOR (OPTIONAL)

Basis	Differential pressure measurement
Seal	O-Ring PTFE
Dimensions	45 x 30 x 66 mm (L x W x H)



Maintenance indicator

STAINLESS STEEL IN-LINE FILTER LF 80-200

Material	Stainless Steel 1.4305
Connection thread	G 3/4"
Temperature control medium	Water / Oil
Pressure range	PN 16
Operating temperature	-10°C / 260°C
Seal	PTFE
Dimensions	76 x 56 x 131 mm (L x W x H)
Weight	approx. 1,3 kg
Assembling	Wall bracket



O-Ring



O-RING

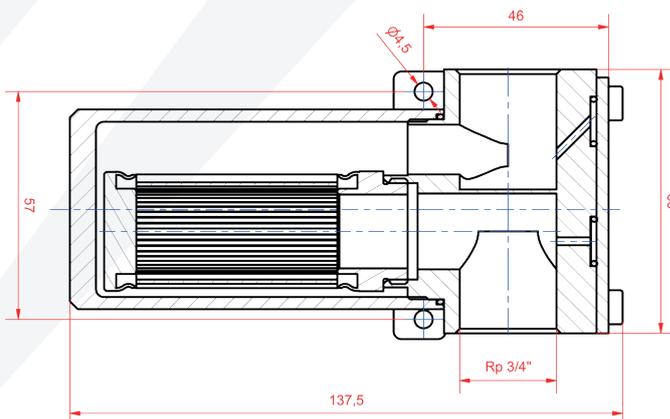
Seal	O-Ring PTFE
Dimensions	Ø45 x 1,5 mm

FILTER CARTRIDGE

Material	Stainless steel 1.4305, without glue, rolled up
Mesh size	200 µm
Filter surface area	ca. 150 cm ²
Connector	Screw thread
Dimensions	Ø32 x 76 mm



Filter cartridge



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Designed according to:
Pressure Equipment Directive 97/23/EC, type of pressure equipment according to Art. 1: Vessel, Fluid n.
Art. 9: Group 2-others n. Art. 3, Para. 3: good engineering practice, suitable for max. 1,000 full load cycles.