

Mini Kleen-Change® Filter Assembly

Description

The Mini Kleen-Change filter assembly is designed for small scale dispense applications where low hold-up volume and cleanliness are critical. The low hold-up volume is ensured by the very small footprint. Cleanliness and compatibility are ensured by the all fluoropolymer construction.

20nm grade has newly added to this product line that allows to remove more finer particles for the leading-edge industries.

Features and Benefits

- Low hold-up volume
- All fluoropolymer construction
- No elastomeric seals
- Cleanroom manufactured



Specifications

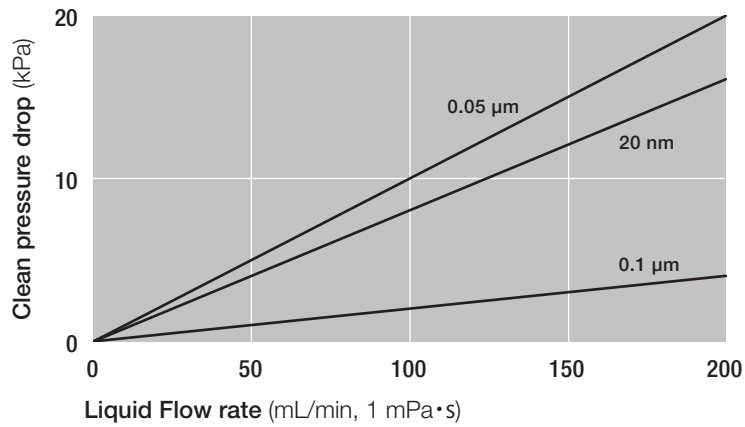
Materials of Construction

Components	Materials
Filter Media	PTFE
Support and Drainage	FEP / PTFE
Core, Cage, and End Caps	PFA
Housing	PFA

Removal Ratings	20 nm, 0.05 μm , 0.1 μm
Filter Area	320 cm^2 / 50 in^2
Connections	Inlet / Outlet : 1/4" Super Pillar Fitting * Vent / Drain : 1/4" Super Pillar Fitting *
Maximum Operating Temperature	248 °F / 120 °C
Maximum Operating Pressure	58 psi @ 77 °F / 0.4 MPa @ 25 °C 29 psi @ 194 °F / 0.2 MPa @ 90 °C 22 psi @ 248 °F / 0.15 MPa @ 120 °C

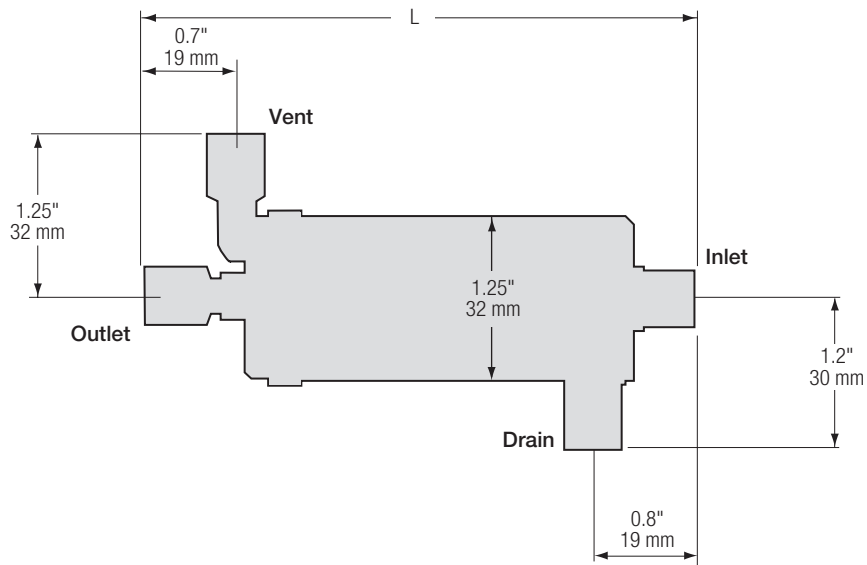
* Super Pillar is a trademark of Pillar Packing Co., Ltd.

Pressure Drop vs. Liquid Flow Rate (Water, 20°C)¹



¹: For liquids with viscosity differing from water, multiply the pressure drop by the viscosity in mPa·s.

Dimensions



Part Numbers / Ordering Information

LDFN 02 1 04 E2

Table 1

Code	Removal ratings	Length L (in / mm)
FK	20 nm	
F0005	0.05 μm	4.25 / 108
F001	0.1 μm	



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