



# TECHNICAL SHEET

## PENTEK 3G SLIM LINE SERIES FILTER HOUSINGS





## PENTEK 3G SLIM LINE SERIES

### TECHNICAL CHARACTERISTICS



- Types of cartridges:
  - proprietary Seal-Safe double o-ring
  - DOE (double open end)
- Options:
  - pressure relief
  - mounting boss
  - integral bracket
  - meter mount
- Maximum temperature: 51,7°C
- Maximum pressure: 8,62 bar
- Housing: polypropylene (opaque) or styrene acrylonitrile (clear)
- Cap: reinforced polypropylene
- Button Assembly: 300-series stainless steel, EPDM, and polypropylene
- O-Ring: Buna-N

\* Shown with differential pressure gauge. Gauges are sold separately and are not performance tested or certified by NSF.

### PERFORMANCE CHARACTERISTICS

Model	Initial $\Delta P$ @ flow rate
1/4" #10 3G Slim Line w/MB	0,14 bar @ 11 Lpm
1/4" #10 3G Slim Line w/IB	0,14 bar @ 11 Lpm
1/2" #10 3G Slim Line w/MB	0,14 bar @ 19 Lpm
1/2" #10 3G Slim Line w/IB	0,14 bar @ 19 Lpm
1/2" #10 3G Slim Line w/IB & MM	0,14 bar @ 19 Lpm

### PRODUCT SPECIFICATIONS

Model	Maximum dimensions	Inlet/outlet ports
#10 3G Slim Line w/MB	298 x 121 mm (11 $\frac{3}{4}$ " x 4 $\frac{3}{4}$ "")	1/4" BSP or NPT
#10 3G Slim Line w/IB	349 x 137 mm (13 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "")	1/4" BSP or NPT
#10 3G Slim Line w/MB	298 x 121 mm (11 $\frac{3}{4}$ " x 4 $\frac{3}{4}$ "")	1/2" BSP or NPT
#10 3G Slim Line w/IB	349 x 137 mm (13 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "")	1/2" BSP or NPT
#10 3G Slim Line w/IB & MM	349 x 137 mm (13 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "")*	1/2" BSP or NPT

MB = Mounting Bosses, IB = Integral Bracket, MM = Meter Mount

\* Height does not include meter. Add 1 $\frac{1}{4}$ " for 143549 gauge and 1/2" for 143550 gauge.

#### WARNING

Protect against freezing to prevent cracking of the filter and water leakage.



Housings are tested and certified by NSF International to NSF/ANSI Standard 42 for material and structural integrity requirements.