



TECHNICAL SHEET

PENTEK 3G SLIM LINE HOUSINGS





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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: EPDM

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

PRODUCT SPECIFICATIONS

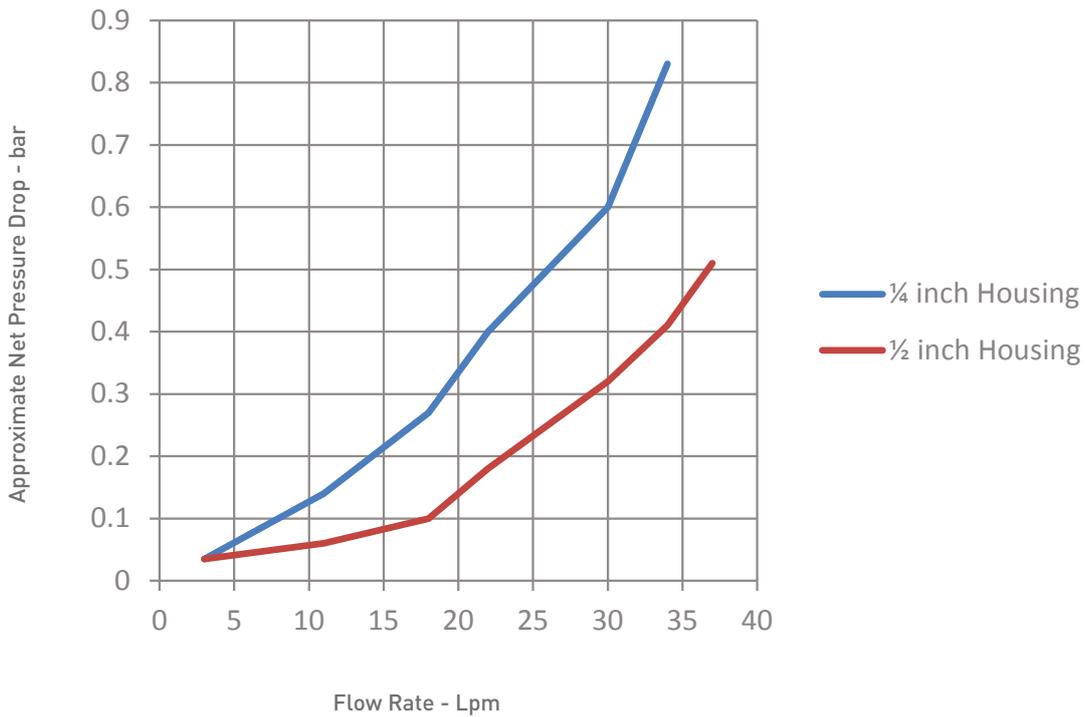
| Model | Maximum dimensions | Inlet/Outlet ports |
|----------------------------|---------------------------------|--------------------|
| #10 3G Slim Line w/MB | 298 x 121 mm (11¾ x 4¾ inches) | ¼ inch BSP or NPT |
| #10 3G Slim Line w/IB | 340 x 137 mm (13⅜ x 5⅝ inches) | ¼ inch BSP or NPT |
| #10 3G Slim Line w/MB | 298 x 121 mm (11¾ x 4¾ inches) | ½ inch BSP or NPT |
| #10 3G Slim Line w/IB | 340 x 137 mm (13⅜ x 5⅝ inches) | ½ inch BSP or NPT |
| #10 3G Slim Line w/IB & MM | 340 x 137 mm (13⅜ x 5⅝ inches)* | ½ inch BSP or NPT |

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

* Height does not include meter. Add 1¼ inch for 143549 gauge and ½ inch for 143550 gauge.

PERFORMANCE CHARACTERISTICS

| Model | Initial ΔP @ Flow rate |
|-----------------------------------|--------------------------------|
| ¼ inch #10 3G Slim Line w/MB | 0.14 bar @ 11 Lpm |
| ¼ inch #10 3G Slim Line w/IB | 0.14 bar @ 11 Lpm |
| ½ inch #10 3G Slim Line w/MB | 0.14 bar @ 19 Lpm |
| ½ inch #10 3G Slim Line w/IB | 0.14 bar @ 19 Lpm |
| ½ inch #10 3G Slim Line w/IB & MM | 0.14 bar @ 19 Lpm |



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.

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