



TTI

Service Quality Innovation

TTHH-107 Series High Capacity Housing

TTI's PowerGuard™ housing line is manufactured in Germany with premium German components and assembled in the USA.





Service Quality Innovation

PowerGuard™ Housing Line

TTHH-107 Housing

TTI's PowerGuard™ high capacity housing line offers a standard 304 Stainless Steel construction that is available in both an 18" and 36" lengths. With features such as a hinge block located on the lid, and 2 ports on both the inlet and outlet of the housing to accommodate differential and sampling gauges.

Specifications

- 150 PSI working pressure
- 304 Stainless Steel
- Hinged lid for safe, ergonomic filter changeouts



Connection Types

2" FNPT



2" Flange



3" Flange



TTI - Todd Technologies Inc | 11080 Irma Dr. Northglenn, CO 80233 | +1.303.585.0132 | sales@toddtechinc.com | www.toddtechinc.com

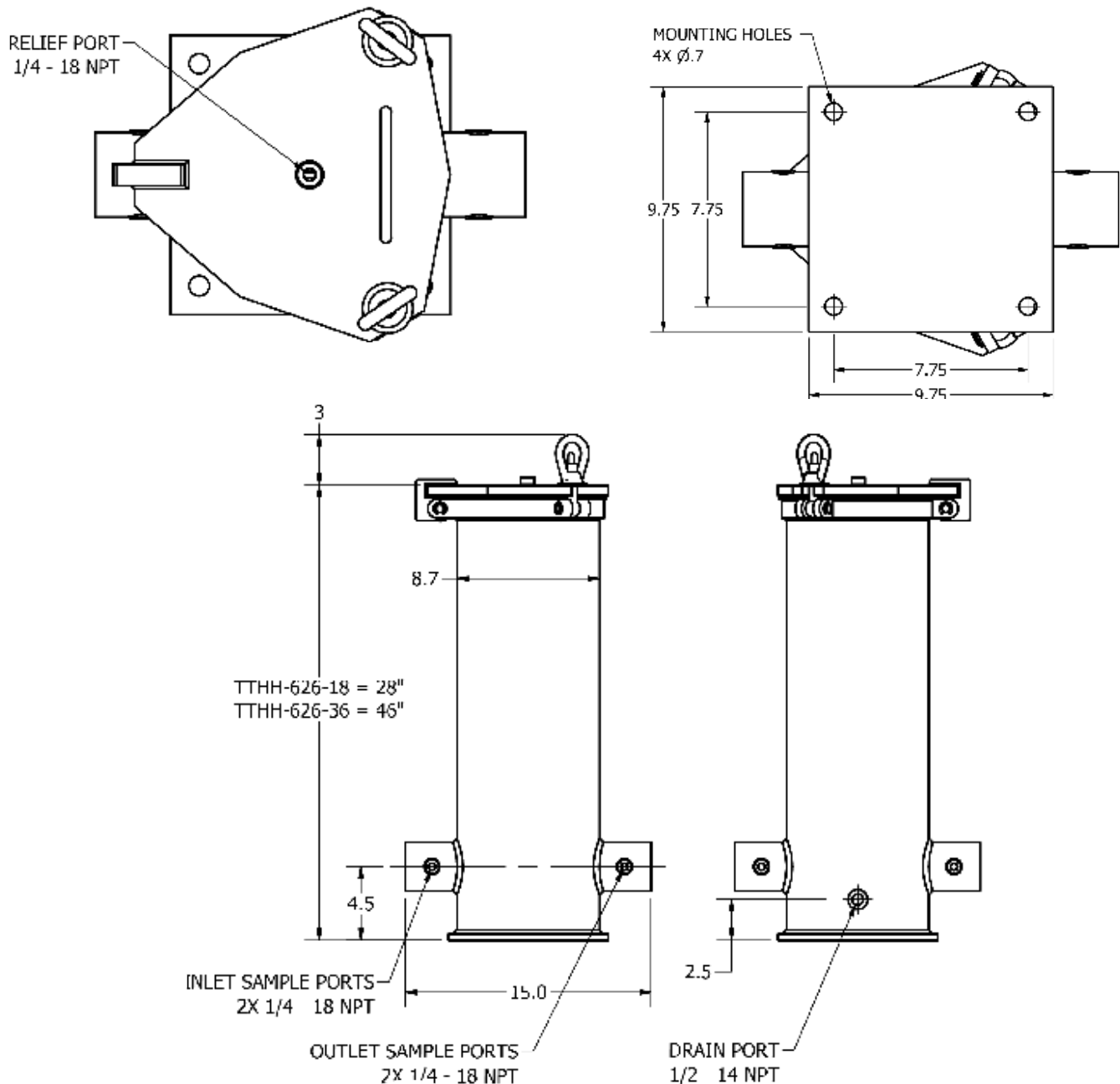
TTHH-107 High Capacity Housing

Top Applications

- Hydraulic Systems - Hydraulic Oil
- Gearbox Lube Systems - Gear Oil
- Gas Turbines - Turbine Oil
- Machine Coolant

Top Industries

- Power Generation
- Pulp and Paper
- Steel Mills
- Mining



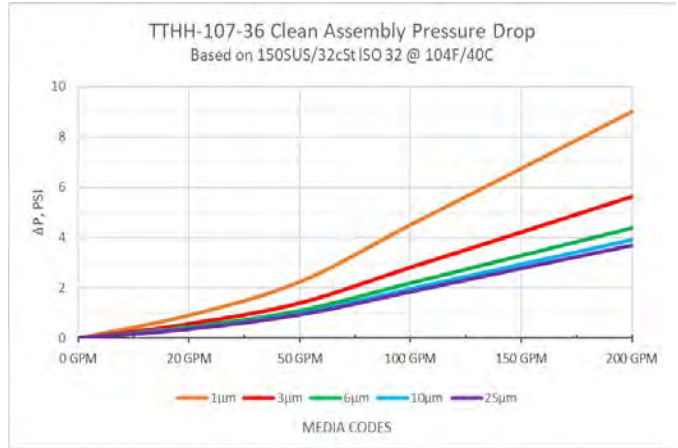
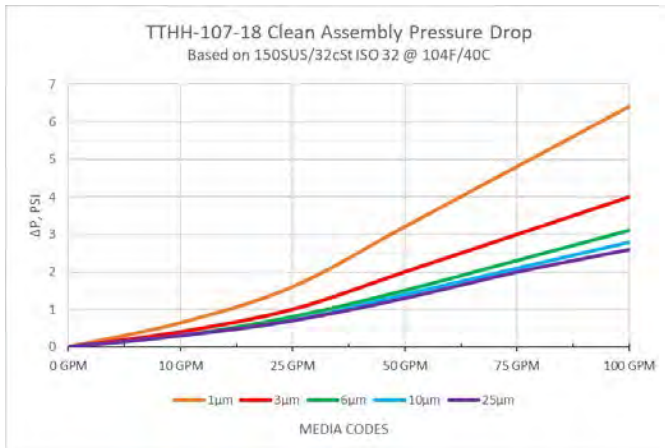
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Dimensions in Inches

PART NUMBER*	"A Height"	"B Vent Port"	"C Inlet"	"D Outlet"	"E Inlet Sample Port"	"F Outlet Sample Port"	"G Drain Port"
TTHH-107-18-2N	28.0	1/4" FNPT	2" FNPT	2" FNPT	1/4" FNPT	1/4" FNPT	1/2" FNPT
TTHH-107-36-2N	46.0	1/4" FNPT	2" FNPT	2" FNPT	1/4" FNPT	1/4" FNPT	1/2" FNPT
TTHH-107-36-2FL	46.0	1/4" FNPT	2" Flange	2" Flange	1/4" FNPT	1/4" FNPT	1/2" FNPT
TTHH-107-36-3FL	46.0	1/4" FNPT	3" Flange	3" Flange	1/4" FNPT	1/4" FNPT	1/2" FNPT

TTHH-107 High Capacity Housing Only Accept TT106/TT107/TT108/TTSF106/TTSF107/TTSF108 Filter Elements

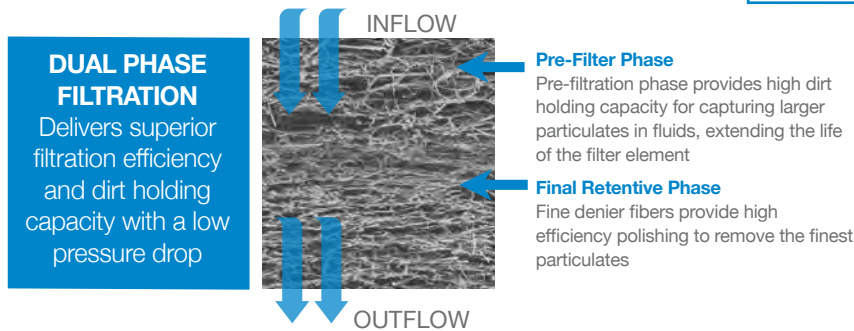
Flow Characteristics



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TT106 Series

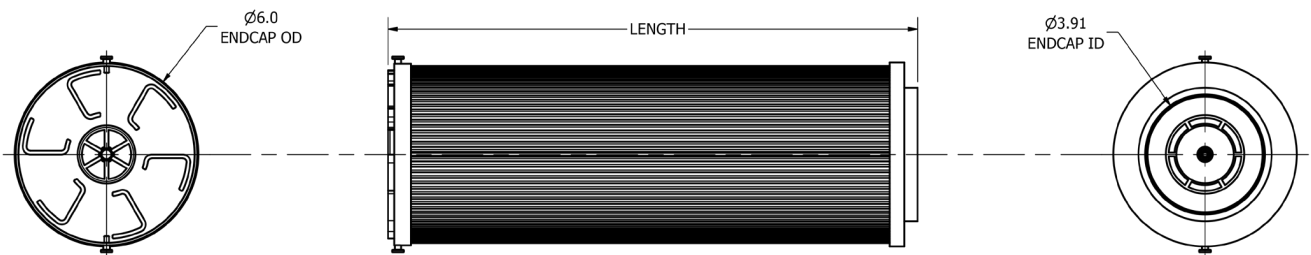
TTI's PowerGuard™ Filter line is produced in the USA using USA and German materials. TTI has leveraged 58 years of filter manufacturing expertise of FG Industrial Filtration (Formerly Mahle) to deliver the PowerGuard™ product line to the North American marketplace. TTI's Dual Phase Microglass media provides world class filtration performance. The Dual Phase technology provides Beta 1000 efficiencies with a built-in pre-filter layer to extend filter life and reduce initial pressure drops.



PERFORMANCE

- 290 PSID collapse pressure
- 25 PSID Integral Bypass
- 50 PSID change out recommended
- 250°F (121°C) maximum operating temperature

Dimensions



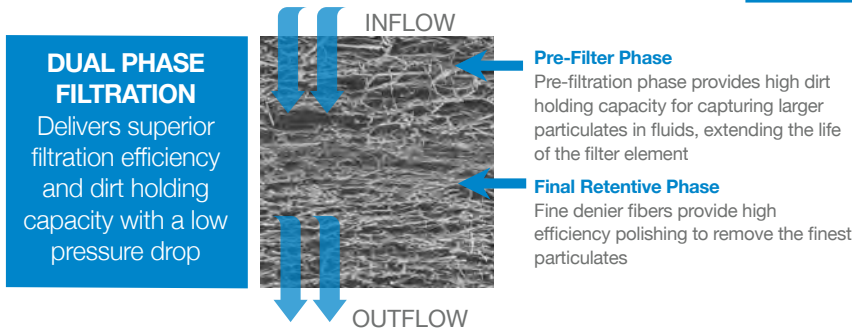
Part Number Builder

TTI PN	-	Length (inches)	-	Micron Rating (µm)	Media Type	Seal Type	
TT106		10 = 10.07		1	74*	(Omit) = Dual Phase Microglass <small>Standard option β1000, available in 1, 3, 6, 10, 25µm</small>	B = Buna
		16 = 14.64		3	149*	SD = Static Dissipative <small>Viton seals only, available in 1, 3, 6, 10, 25µm</small>	V = Viton
		18 = 17.30		6		WA = Water Absorptive <small>Available in 3, 6, 10, 25µm</small>	
		36 = 35.60		10		*W = Stainless Steel Wire Mesh <small>Only available in nominally rated 25, 74, 149µm</small>	
				25			

PART NUMBER EXAMPLE: TT106-36-3V = TT106 (36 length, 3 micron, viton seal type)

TT107 Series

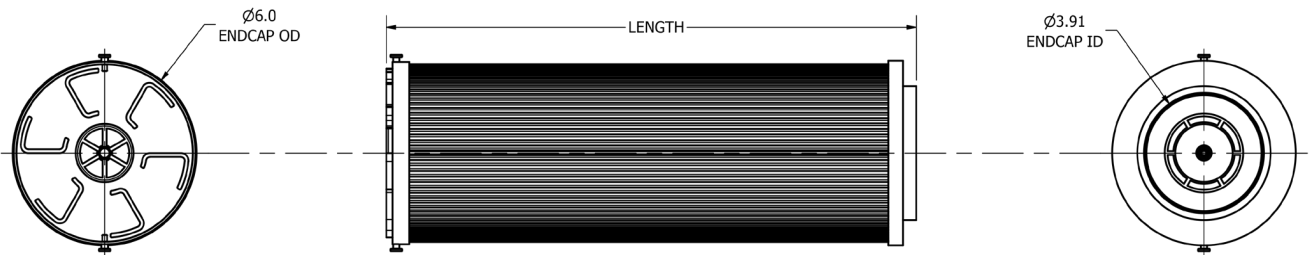
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PERFORMANCE

- 290 PSID collapse pressure
- 50 PSID Integral Bypass
- 50 PSID change out recommended
- 250°F (121°C) maximum operating temperature

Dimensions



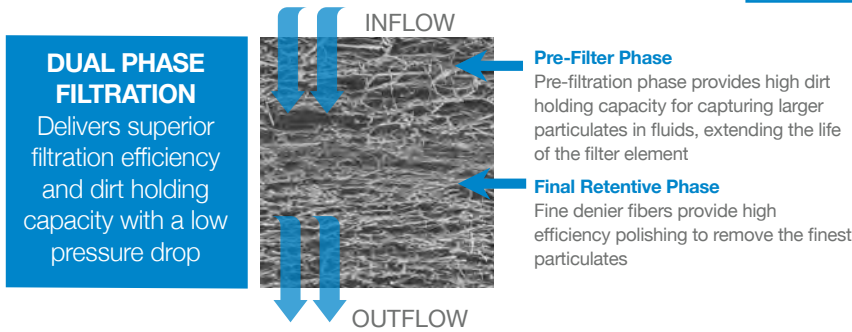
Part Number Builder

TTI PN	-	Length (inches)	-	Micron Rating (µm)	Media Type	Seal Type
TT107		10 = 10.07		1	74* <small>(Omit) = Dual Phase Microglass Standard option β1000, available in 1, 3, 6, 10, 25µm</small>	B = Buna
		16 = 14.64		3	149* <small>SD = Static Dissipative Viton seals only, available in 1, 3, 6, 10, 25µm</small>	V = Viton
		18 = 17.30		6	WA = Water Absorptive <small>Available in 3, 6, 10, 25µm</small>	
		36 = 35.60		10	*W = Stainless Steel Wire Mesh <small>Only available in nominally rated 25, 74, 149µm</small>	
				25		

PART NUMBER EXAMPLE: TT107-36-3V = TT107 (36 length, 3 micron, viton seal type)

TT108 Series

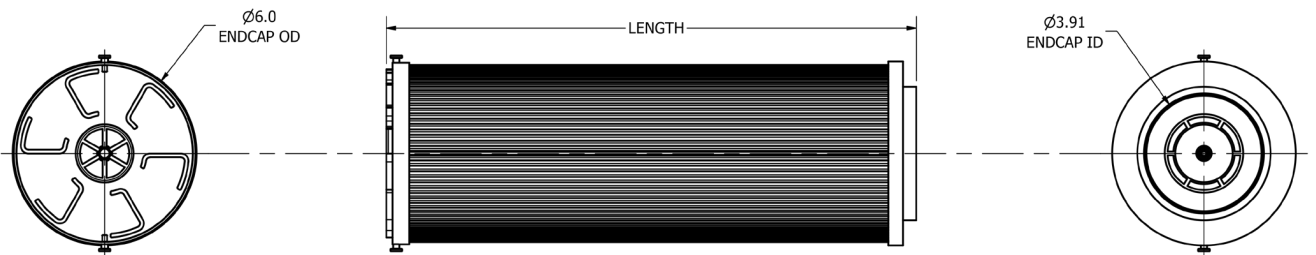
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PERFORMANCE

- 290 PSID collapse pressure
- No Bypass
- 50 PSID change out recommended
- 250°F (121°C) maximum operating temperature

Dimensions



Part Number Builder

TTI PN	-	Length (inches)	-	Micron Rating (µm)	Media Type	Seal Type
TT108		10 = 10.07		1	74*	(Omit) = Dual Phase Microglass <i>Standard option β1000, available in 1, 3, 6, 10, 25µm</i>
		16 = 14.64		3	149*	SD = Static Dissipative <i>Viton seals only, available in 1, 3, 6, 10, 25µm</i>
		18 = 17.30		6		WA = Water Absorptive <i>Available in 3, 6, 10, 25µm</i>
		36 = 35.60		10		*W = Stainless Steel Wire Mesh <i>Only available in nominally rated 25, 74, 149µm</i>
				25		

PART NUMBER EXAMPLE: TT108-36-3V = TT108 (36 length, 3 micron, viton seal type)