

Service Quality Innovation

TTHH-120 Series PowerGuard[™] Housing

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



Delta Industrial Australia Pty Ltd E: sales@deltaindustrial.com.au W: www.deltaindustrial.com.au P: +61 447 515 126





PowerGuard[™] Housing Line

Series 120 Simplex Housing

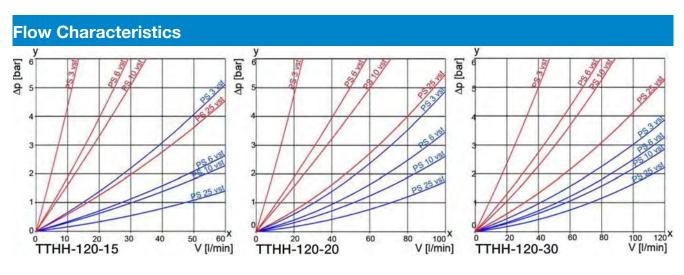
TTI's PowerGuard[™] housing line is manufactured in Germany with premium German components and assembled in the USA. All TTI Housings are available standard with a bypass valve, visual indicator, SAE connections and produced to be highly serviceable. The TTI housing line provides the versatility for intermittent or continual flow operations, while offering a range of flow and pressure ratings compatible with inline pressurized systems and return line filtration.

SPECIFICATIONS

- Nominal working pressure 4500 PSI
- Visual indicator for element change out standard 72 PSI
- Automatic bypass valve standard 101 PSI Bypass Valve
- Operating temperature: -22°F to 248°F



Simplex Steel PowerGuard Housing



Fluid Viscosity

190 mm²/s 33 mm²/s

TTI - Todd Technologies Inc I 11080 Irma Dr. Northglenn, C0 80233 I +1.303.585.0132 I sales@toddtechinc.com I www.toddtechinc.com

Delta Industrial Australia Pty Ltd E: sales@deltaindustrial.com.au W: www.deltaindustrial.com.au P: +61 447 515 126



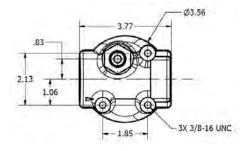
Series 120 Simplex Housing

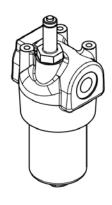
Top Applications

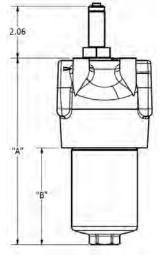
- Hydraulic Systems Hydraulic Oil
- Gearbox Lube Systems Gear Oil
- Gas Turbines Turbine Oil
- Machine Coolant

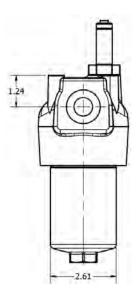
Top Industries

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









Dimensions in Inches

PART NUMBER*	"A" Height	"B" Bowl Length	INLET OUTLET
TTHH-120-15-VBB	7.4	3.9	SAE-12
TTHH-120-20-VBB	10.5	6.9	SAE-12
TTHH-120-30-VBB	13.5	9.9	SAE-12

3 Material Ordering Options: V/E/X : Visual / Electrical / None B / X: Bypass / None B / V: Buna / Viton For example:

TTHH-120-15-VBB: Series 120 Housing, 15gpm nominal flow rate, Visual Indicator, Bypass Valve, Buna-N Seals

TTHH-120 Housing Utilizes TTI's TT1018 Filter Element; Ordering Information on Next Page

Delta Industrial Australia Pty Ltd E: sales@deltaindustrial.com.au W: www.deltaindustrial.com.au P: +61 447 515 126



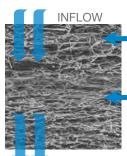


TT1018 Series

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.

DUAL PHASE FILTRATION

Delivers superior filtration efficiency and dirt holding capacity with a low pressure drop



OUTFLOW

Pre-Filter Phase

Pre-filtration phase provides high dirt holding capacity for capturing larger particulates in fluids, extending the life of the filter element

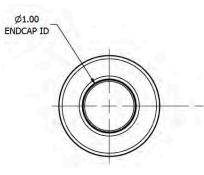
Final Retentive Phase

Fine denier fibers provide high efficiency polishing to remove the finest particulates

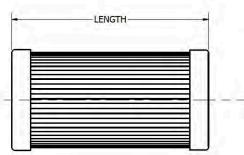


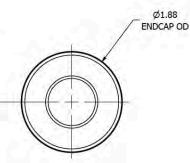
PERFORMANCE

- 290 PSID collapse pressure
- 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
TT1018	15 = 3.68	1	74*	(Omit) = Dual Phase Microglass Standard option β1000, available in 1, 3, 6, 10, 25μm
	20 = 6.73	3	149*	SD = Static Dissipative Viton seals only, available in 1, 3, 6, 10, 25µm
	30 = 9.73	6		*W = Stainless Steel Wire Mesh Only available in nominally rated 25, 74, 149µm
		10		
		25		

PART NUMBER EXAMPLE: TT1018-3-3V = TT1018 (3.68 length, 3 micron, viton seal type)

Delta Industrial Australia Pty Ltd E: sales@deltaindustrial.com.au W: www.deltaindustrial.com.au P: +61 447 515 126

DELTA