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# TTHH-HC-4MS Housing

TTI's PowerGuard High Capacity Housing Line is the industry-leading choice for protecting your filter elements and extending the optimum performance of your machines.

Each vessel is constructed from 304 Stainless Steel and include premium features such as a solid mounting base, 290 PSI operating pressure, user-friendly closure flange, multi-directional gauge brackets, and sample/DP gauge ports.



## Key Features

Maintenance friendly davit arm lid assembly with swing bolt closure flange.

Differential Pressure Gauge mounting bracket included standard. (consult TTI sales team to add DP Gage).

Bypass valve standard in each filter element guarantees consistent performance and optimal fluid cleanliness with the safety on an integral relief.

Square base: 20" with bolt holes to allow 5/8" [M16] anchor bolts for skid installation or mounting on pedestal (Consult TTI Sales Team to discuss custom pedestal base add-on).

2 - 1/4" NPT DP gage ports standard  
2 - 1/4" NPT Sampling ports standard  
1" NPT Low Point Dirty Drain port for fluid evacuation  
1/2" NPT Low Point Clean Drain port for fluid evacuation

## Performance Specifications

- 290 PSI working pressure - 2Mpa
- 304 Stainless Steel
- Hinged Lid for Ergonomic Filter Changeouts
- 32°-250° F (0°-120° C) Operating Temp Range
- Buna Seal Type Standard, FKM and EPR/EPDM available upon request

## Fluid Compatibility

- Diesel Fuel and Fuel Oils
- Biodiesel up to B20
- Mineral Oils
- Synthetic Oils
- Skydrol™, Hyjet™, Fyrquel™, EcoSafe®
- AW Lubricants
- Water Glycol

## Vessel Dimensions

3" Raised Face Flange	Inlet/Outlet Opposite Side
Port-to-Port	23.50"
Port Height Centerline	10"
Overall Height	66.00"
Working Clearance	72"
Mounting Bolts Square	3" Raised Face Flange

## Top Applications

- Pulp and Paper Mills
- Steel Mills
- Power Generation
- Bulk Fuel Particulate Filtration
- Flushing applications
- Large Reservoir Kidney Loop Filtration (Inline/Offline)

