

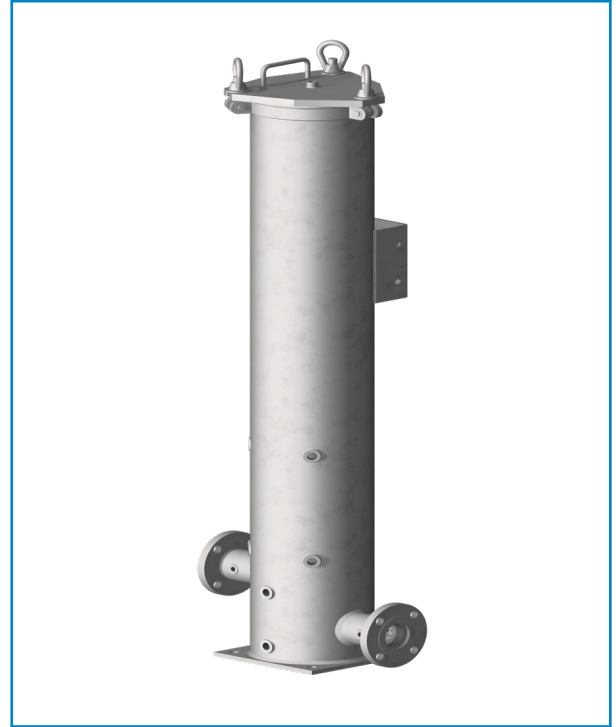


Service • Quality • Innovation

# TTCH-538 Diesel Fuel Coalescer Housing

TTI's PowerGuard Diesel Fuel Coalescer Housing Line is the industry-leading choice for maximizing the efficiency and extending the life of your fuel delivery system.

Designed to remove water and particulate contaminants from diesel fuel with an impressive 99% single-pass efficiency, TTI fuel coalescers significantly reduces wear and tear on your system, helping to extend service intervals and enhance overall operational reliability.



## Key Features

Diesel Fuel polishing and Coalescing - Flow rates up to 30 GPM single vessel

Universal bracket mount supports motor frame size 56C/143T/145T– provides location for customizable bracket installation by customer as well

Rigid base for skid mounting pattern is 7.75-inch square centerline with 5/8 inch diameter holes [M16] anchor bolts for skid installation or mounting on pedestal (Consult TTI Sales Team to discuss custom pedestal base add-on)

## Fluid Compatibility

- Diesel Fuel and Fuel Oils
- Biodiesel up to B20

## Performance Specifications

- 150 PSI working pressure
- Corrosion Resistant 304 Stainless Steel
- Hinged Lid for Ergonomic Filter Changeouts
- 30°-180° F (0°-82° C) Operating Temp Range
- Viton Seal Type Standard
- Integral post design ensures positive seal
- Swing bolt closure flange with integral tilt lid
- 2" Raised Face Flange inlet and outlet
- 1" Female NPT alternate inlet outlet ports
- 2 1/4" FNPT DP gage ports standard
- 2 1/4" FNPT Sampling ports standard
- 1/2" FNPT Low Point Water Leg Drain port
- 1/2" FNPT Low Point Clean Drain port
- 2 1/2" NPT ports for sight glass 10" centerline
- 2 1/2" BSPP (G thread) ports for instrumentation
- 1/4" FNPT vent port in lid

## Vessel Dimensions

2" Raised Face Flange	Inlet/Outlet Opposite Side
Port-to-Port	16.93" (430.0 mm)
Port Height Centerline	Outlet 3.5" (88.9 mm) Low Point Staggered Inlet 7.375" (187.3 mm)
Overall Height	57.00" (1457 mm)
Working Clearance	110" (2794 mm)
Mounting Bolts Square	7.75" (196.9 mm)

## Top Applications

- Common Rail Diesel Fuel Polishing
- Drill Rig Fuel Polishing
- Mining Applications
- Merchant Marine Applications
- Bulk fuel storage/Bulk Fuel Delivery
- Large agriculture fuel conditioning
- Earthwork/Excavation
- Single pass or Multi-pass polishing
- Backup Power Generation

