

# THERMAL LINER 15 FLUID WARMER



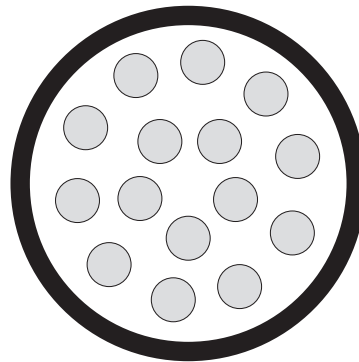
The Thermal Liner 15 Fluid Warmer warms diesel fuel, alternative fuels and other fluids by utilizing the 15 tubes welded inside the housing. Fluid being heated is routed through the baffled shell.

## BENEFITS

- Eliminates corrosion and contamination of fuel or fluid
- Reduces fuel gelling
- Lowers emissions
- Multiple uses: Alternative fuel such as Natural Gas, Diesel fuel and other fluids
- Simple in-Liner installation allows for flexibility

## WHERE TO USE

- Off-road Vehicles
- Heavy Duty Trucks
- Locomotives



Engine coolant or other warm fluid is routed through 15 tubes welded inside the housing to provide heat. Fluid being heated is routed through the baffled shell side.

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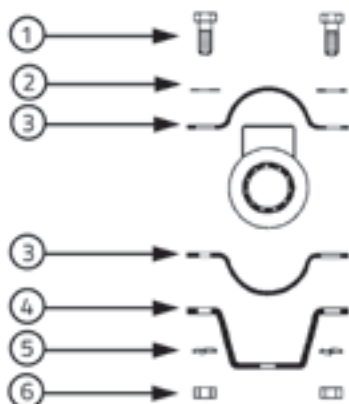
## THERMAL LINER 15 Dimensional & Bracket Replacement Parts Information

NOTE: All models made of 304 Stainless Steel—Maximum Operating Pressure 25 psi (172.4kPa) - OD 2.375" (60mm)

Part Number	Tube Port	Shell Port	Tube Length	Total Length	Surface Area
SF-1542-18	1/2" NPT	1/2" NPT	18.0" / 457mm	22.0" / 559mm	320 <sup>in</sup> ² / 2064.5cm <sup>2</sup>
SF-1542-24	1/2" NPT	1/2" NPT	24.0" / 610mm	28.0" / 711mm	426 <sup>in</sup> ² / 2748.4cm <sup>2</sup>
SF-1542-30	1/2" NPT	1/2" NPT	30.0" / 762mm	34.0" / 864mm	532 <sup>in</sup> ² / 3432.3cm <sup>2</sup>
SF-1562-18	1" NPT	1" NPT	18.0" / 457mm	22.0" / 559mm	320 <sup>in</sup> ² / 2064.5cm <sup>2</sup>
SF-1562-24	1" NPT	1" NPT	24.0" / 610mm	28.0" / 711mm	426 <sup>in</sup> ² / 2748.4cm <sup>2</sup>
SF-1562-30	1" NPT	1" NPT	30.0" / 762mm	34.0" / 864mm	532 <sup>in</sup> ² / 3432.3cm <sup>2</sup>
SF-5139-40	1-1/2" NPT	1" NPT	40.0" / 1016mm	45.0" / 1143mm	710 <sup>in</sup> ² / 4580.6cm <sup>2</sup>
SF-5139-45	1-1/2" NPT	1" NPT	45.0" / 1143mm	50.0" / 1270mm	800 <sup>in</sup> ² / 5161.3cm <sup>2</sup>
SF-5139-50	1-1/2" NPT	1" NPT	50.0" / 1270mm	55.0" / 1397mm	885 <sup>in</sup> ² / 5709.7cm <sup>2</sup>
STT-2537*	1/2" NPT	1" NPT	30.0" / 762mm	34.0" / 864mm	532 <sup>in</sup> ² / 3432.3cm <sup>2</sup>
STT-2537-78-95**	1/2" NPT	1" NPT	30.0" / 762mm	34.0" / 864mm	532 <sup>in</sup> ² / 3432.3cm <sup>2</sup>

\*STT-2537 Has integral coolant shutoff thermostat (104° - 125°F / 40°-52° C)

\*\*STT-2537-78-95 Has integral coolant shutoff thermostat (78° - 95°F / 25° - 35°C)



Item	Qty	Description	Part #
1	4	3/8" UNC x 1.0" Long Bolt	A-321
2	4	3/8" SAE Flat Washer	A-311
3	4	Half Moon Bracket	A-1356
4	2	U-Bracket	A-1361
5	4	3/8" Split Lock Washer	A-310
6	4	3/8" UNC Nut	A-309

