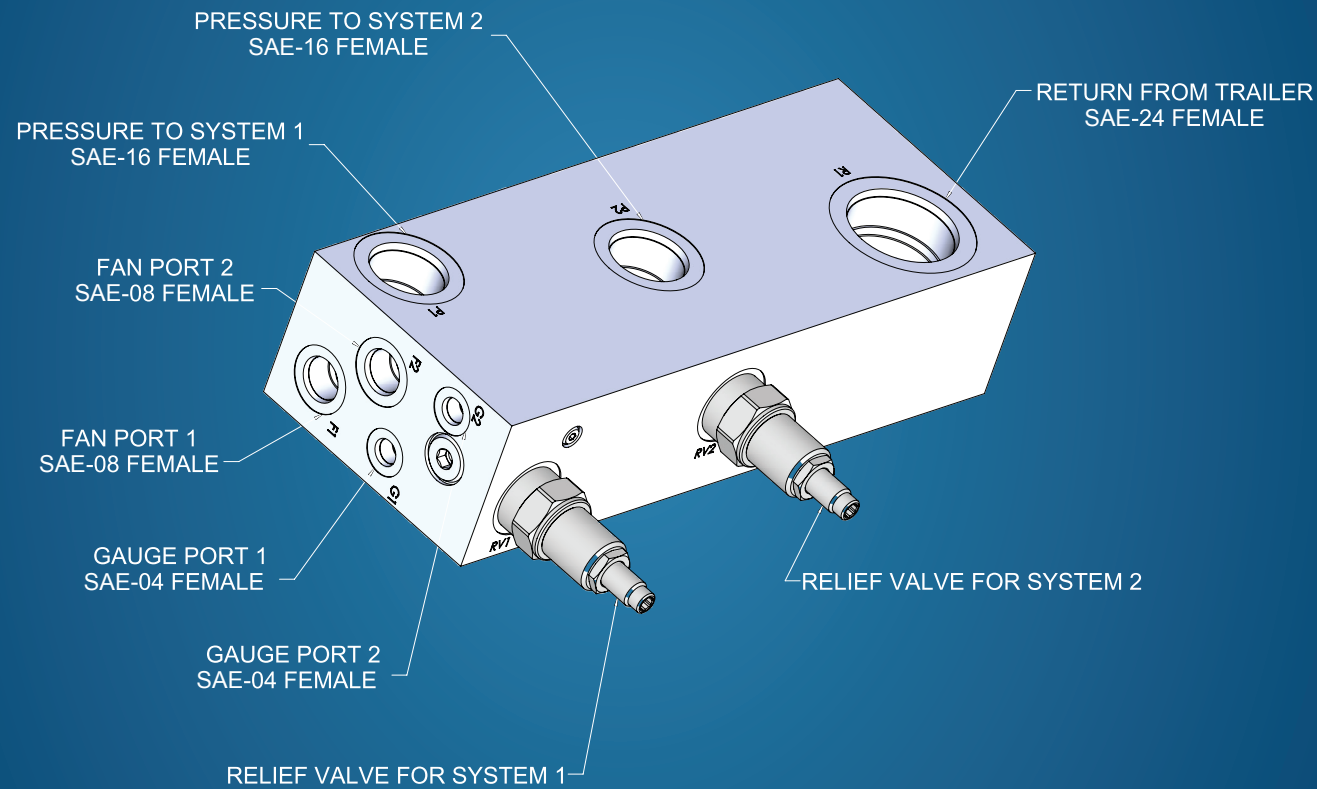


# SS980HFT

MANIFOLD ASSEMBLY

## HFT MANIFOLD ASSEMBLY



# SS980H

# SS980HFT

HYDRAULIC RESERVOIR, FILTER, AND COOLING SYSTEM

The THERMAFLOW 980 Series is a heavy duty, compact hydraulic cooling system. It is designed to mount behind the cab, keeping it away from road debris. This unit stores and filters the systems oil, eliminating the need for tanks holding large quantities of oil (weight). This compact system makes installation and operations easy and convenient.

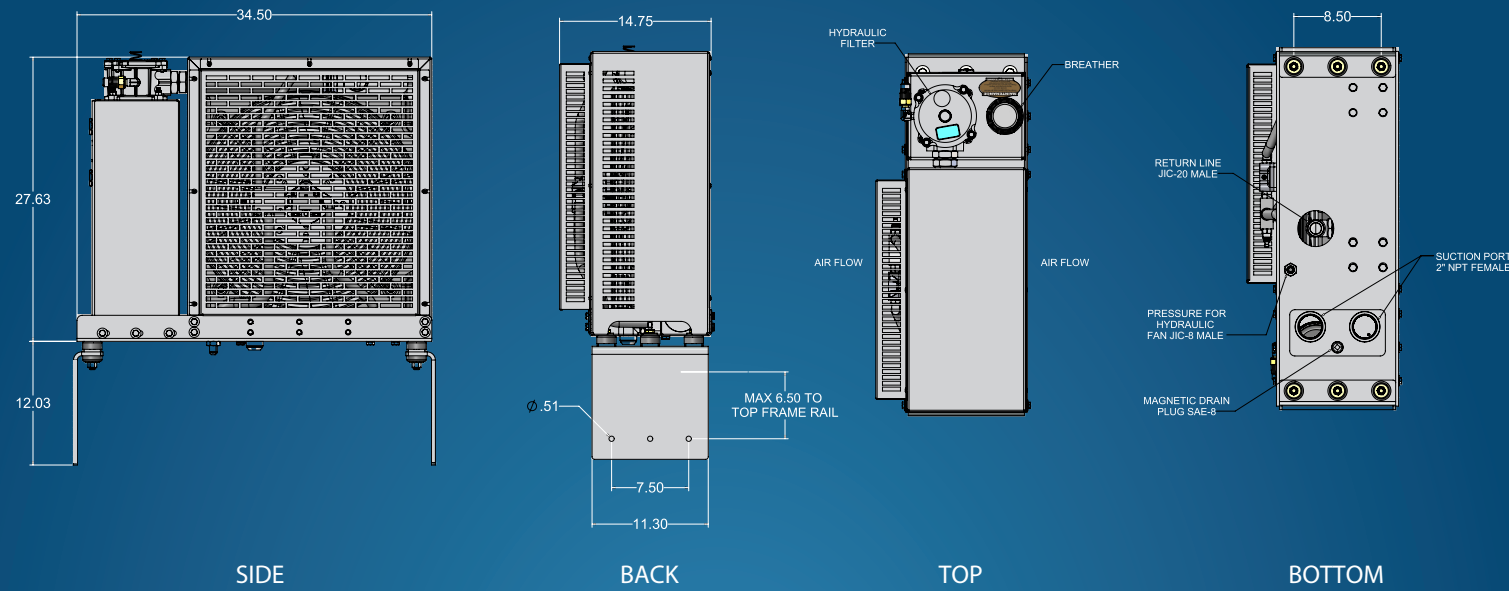
High flow/high horsepower requirements demand a 980 Series hydraulic cooling system. The 980 Series is designed for the toughest and most demanding mobile hydraulic applications. This system is suitable for use in blower, vacuum pump, high-capacity feed trailers, cryogenics, specialty gases and compressed gases applications.



FOOD GRADE - CHEMICAL - COMPRESSED GAS - CRUDE OIL - VACUUM PUMPS - COMBO DRIVES

| BETTER PERFORMANCE   | INCREASED DURABILITY  | EASY INSTALLATION   |
|--|---|---|
| <ul style="list-style-type: none"> <li>Cooling Capacity up to 80 gpm</li> <li>Hydraulic fan is standard</li> <li>Externally mounted 3000 or 5000 psi pressure relief available upon request</li> <li>Wide range of applications</li> <li>25 Micron Absolute filter suitable for piston pump and motor applications"</li> </ul> | <ul style="list-style-type: none"> <li>Modular Design for Easy Access</li> <li>Drop-in replacement filter element.</li> <li>High quality corrosion resistant stainless steel construction</li> <li>Industry leading 2 year warranty</li> <li>9.4 gallon oil tank</li> </ul> | <ul style="list-style-type: none"> <li>Behind-the-cab installation</li> <li>Optional no-drill mount available</li> <li>Industry standard NPT suction ports</li> <li>JIC hydraulic fan pressure port and return port for easy hose alignment</li> <li>Suitable for use in tandem systems operating at different pressures</li> </ul> |

## SS980H APSCO & STAC RESERVOIR COOLER SPECIFICATIONS

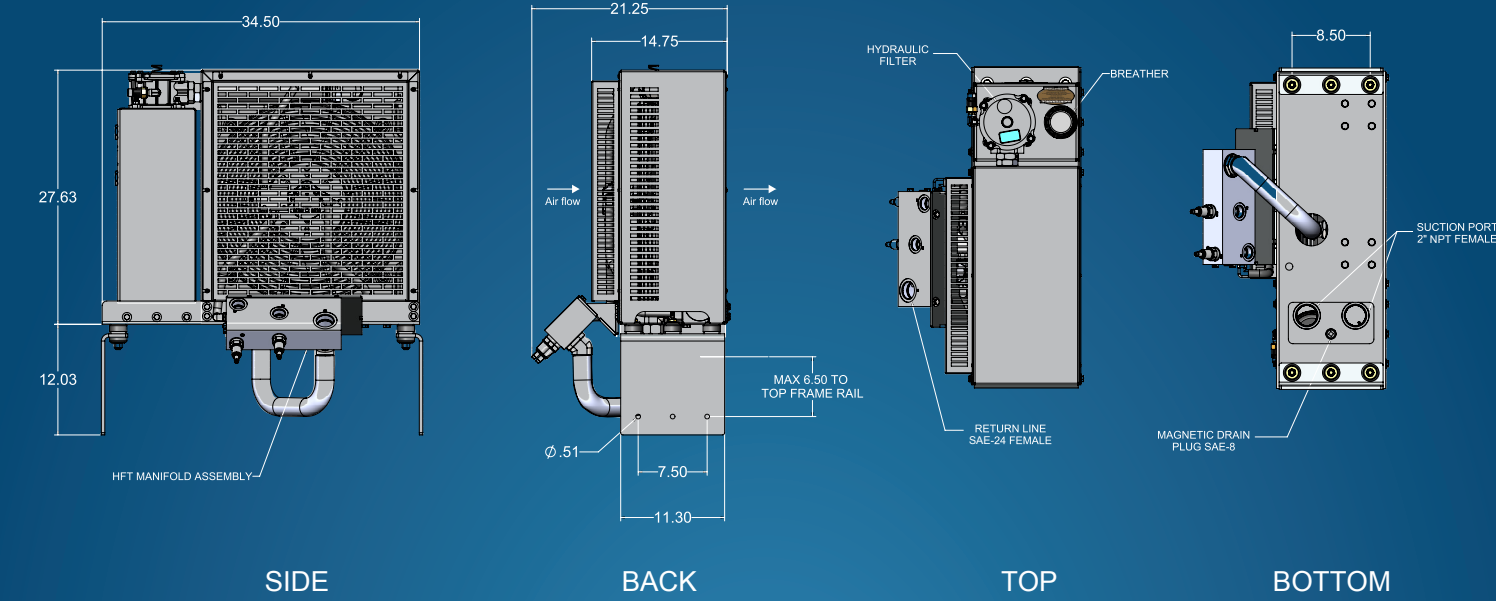


\* FITTINGS NOT INCLUDED. SEE ACCESSORIES LIST FOR AVAILABLE FITTINGS

| Model  | Flow Rate (GPM) | Reservoir Size (Gallons) | Pressure (PSI) | Weight (LBS) |
|--------|-----------------|--------------------------|----------------|--------------|
| SS980H | Up to 80 GPM    | 9.4                      | Up to 3,000    | 280 LBS      |

|                                  |   |
|----------------------------------|---|
| Capacity                         | up to 80 GPM  |
| Slimline or Box                  | Behind Cab  |
| Tank Size                        | 9.4 gallon  |
| Suction Port                     | 2.00" NPT Male (2x)                                 |
| Pressure Port (to hydraulic fan) | JIC-8 Male  |
| Pressure Port (to system)        | application dependent                               |
| Return Port                      | JIC-20 Male   |
| Relief Valve                     | not included (external option available)            |
| Fan                              | Hydraulic Drive (3 GPM)                             |
| Case Drain                       | SAE-8 (magnetic plug)                               |
| Filter                           | Tank top design, 25 psi bypass                      |
| Filter Element                   | 25 micron Absolute                                  |
| Oil Level Sight Glass            | dual 1" bulls eye                                   |
| Basic Dimensions (L x W x H)     | 34.5 x 14.75 x 27.63 in.                            |
| Finish                           | 304 SS Stainless exterior brushed finish            |
| Weight                           | 280 LBS (dry)                                       |
| Heat Rejections                  | 70 Hp @ 60 gpm with 80°F exiting temp. differential |

## SS980HFT APSCO & STAC RESERVOIR COOLER SPECIFICATIONS



\* FITTINGS NOT INCLUDED. SEE ACCESSORIES LIST FOR AVAILABLE FITTINGS

| Model    | Flow Rate (GPM) | Reservoir Size (Gallons) | Pressure (PSI) | Weight (LBS) |
|----------|-----------------|--------------------------|----------------|--------------|
| SS980HFT | up to 80 GPM    | 9.4                      | by application | 305 LBS      |

|                                  |   |
|----------------------------------|---|
| Capacity                         | up to 80 GPM  |
| Slimline or Box                  | Behind Cab  |
| Tank Size                        | 9.4 gallons   |
| Suction Port                     | 2.00" NPT Male (2x)                                 |
| Pressure Port (to hydraulic fan) | SAE-8 Female  |
| Pressure Port (to system)        | SAE-16 Female                                       |
| Return Port                      | SAE-24 Female                                       |
| Gauge Port                       | SAE-4 Female  |
| Relief Valve                     | Adjustable 500-3000 psi (standard)                  |
| Fan                              | Hydraulic Drive (3 GPM)                             |
| Case Drain                       | SAE-8 (magnetic plug)                               |
| Filter                           | Tank top design, 25 psi bypass                      |
| Filter Element                   | 25 micron Absolute                                  |
| Oil Level Sight Glass            | dual 1" bulls eye                                   |
| Basic Dimensions (L x W x H)     | 34.5 x 21.25 x 27.63 in.                            |
| Finish                           | 304 SS Stainless exterior brushed finish            |
| Weight                           | 305 LBS (dry)                                       |
| Heat Rejections                  | 70 Hp @ 60 gpm with 80°F exiting temp. differential |