



TRINITY REFINING & SAFETY SYSTEMS

TRINITY

OIL, FUEL, AND WATER SOLUTIONS



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USED FOR:
Water Glycol Fluids, Other oil-based lubricants

CAPACITY, SUMP SIZE & FLOW RATE

- Requires 40 Qt./37.9 L. of makeup fluid (housing volume)
- Water Glycol sump range: 0-260 Gal./0-984.2 L.
- **Flow rate range for Water Glycol: from 0-4.5 GPM/0-17.0 LPM

SPECIFICATIONS

- 46"(H) Plus 20" clearance above to change filter
- 23"(W)
- 23"(D)
- Shipping weight: 200 LB/90.7 kg
- Max operating pressure 80 PSI
- 5 GPM 65 PSI pump (not fluid flow rate) (for Water-Glycol)
- 3/4 HP 1725 RPM motor (TEFC)
- 120 volt, single phase
- 12" heavy duty power cord
- PSI switch low limit-12, high limit-65
- Pressure gauge NEW go-no-go gauge for indicating element
- Vacuum Gauge
- Push sample port (located on back panel)
- Transfer valve
- Hoses
 - Suction 3/4" ID x 10' (3/4" male NPT x 3/4" female JIC)
 - Discharge 5/8" ID x 10' (3/4" male NPT x 5/8" female JIC)
- Max operating pressure 80 PSI
- **Optimal running pressure between 20-50 PSI (change filter when 50-60 PSI) - NEW go-no-go gauge for indicating element change

**Trinity
Portable
Water
Glycol BF
System**

Powder-Coated



NOTES

- Viscosity, operating temperature, and generated contamination will affect sizing and flow rates of filtration equipment
- Most applications, elements need to be changed between 300-1000 hours for optimal performance, ideally change the element when the flow is half the starting flow or the PSI is double the starting PSI
- Available in stainless-steel
- Available options for oil
- Other system configurations are available

RECOMMENDED ELEMENT

- Model TR1002WG for Thin Water Based Fluid
 - Model TR1004WG for Thin-Medium Water Based Fluid
 - Model TR1006WG for Medium-Thick Water Based Fluid
- Note: All bag filters listed below go in front of the depth media filter to capture a larger quantity of contaminants before polishing the oil to a finer degree by the depth media filter
- Disposable bag filter models follow: 566 (5 micron), 567 (10 micron), 568 (15 micron), 569 (25 micron), 570 (50 micron), 571 (75 micron), 572 (100 micron), 3617 (150 micron), 3892 (200 micron), any customizable 3-layer back of your choice.

*Trinity is able to meet a variety of requirements, please contact us with your specific custom needs.



MAGMICRON TECHNOLOGY



- Charged polarity source + 1 micron filter element provides unequaled oil & fuel purification
- Removes water and acid buildup
- Extends engine life 3X
- Reduces maintenance costs 85%
- Reduces oil service 4X
- Reduces engine rebuild by 67%
- Reduces hydrocarbon emissions