

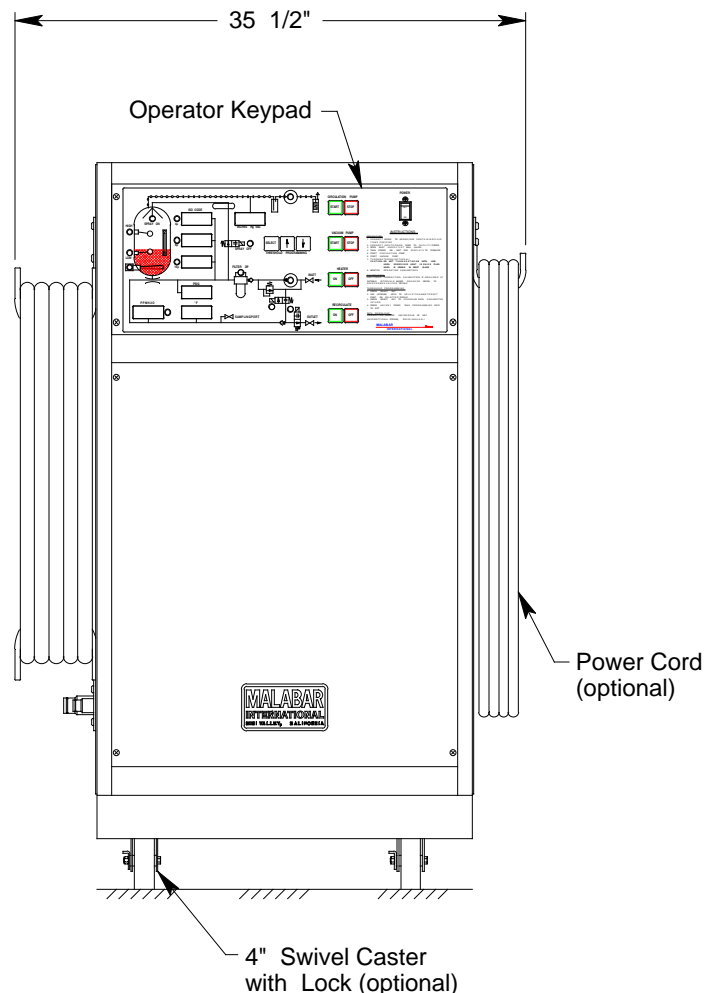
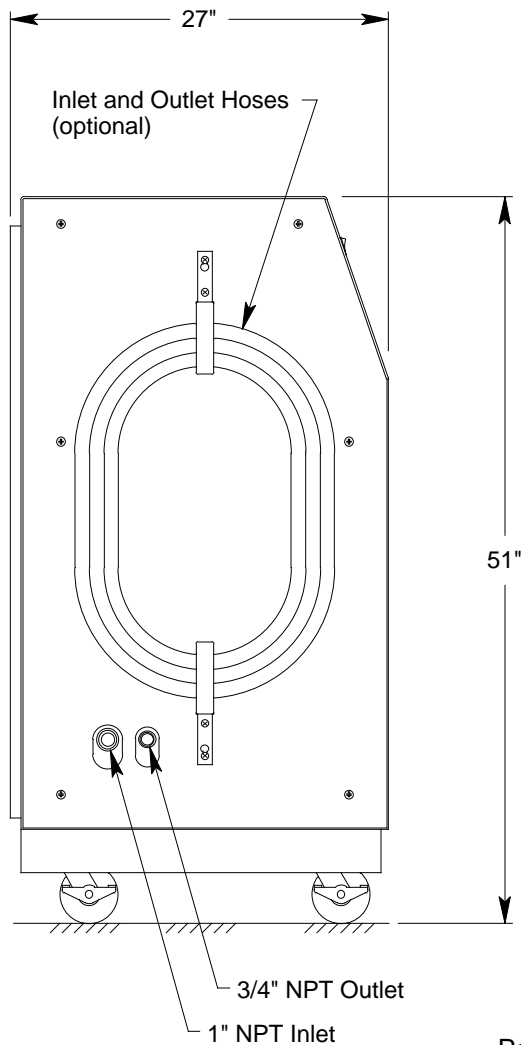
## MODEL 8852 FLUID PURIFICATION UNIT

### BENEFITS:

- Benign purification process:
  - No desiccants or absorbing media
  - Does not degrade fluid properties
- Economical (low power consumption)
- Fast purification rate
- Compact
- Quiet operation
- Simple to operate
- Convenient single keypad operator control
- Easy maintenance
- Removes:
  - Free and dissolved water
  - Free and dissolved air
  - Chlorinated solvents
  - Particulates
- Provides quick payback on investment by significantly reducing fluid waste disposal and new fluid replacement frequency

### FEATURES:

- Rugged and compact construction
- Available in three configurations:
  - Stationary
  - Portable (with 4 inch casters)
- Multiple fluid pass operation
- Multi-fluid capability:
  - Aircraft hydraulic fluids
  - Lubricating oils and industrial fluids
- Low watt density heater
- Microprocessor control including:
  - Digital displays
  - Transducers
  - Start-up and safety shutdown protocols
  - Programmable go/no go set points
- Automatic level, flow, temperature and vacuum control
- Audio and Visual alarms
- Dual power choices:
  - 120/240 VAC, 1 phase
- Limited warranty: 1 year



Portable Unit Shown

See Reverse Side for Specifications, Options & Shipping Data

# MODEL 8852 FLUID PURIFICATION UNIT

## SPECIFICATIONS

Vacuum Distillate System Fluid Purification: Removes 100% free air and down to 5% dissolved air  
 Removes 100% free water and down to 100 PPM\*  
 Removes volatile solvents down to 100 PPM  
 Removes particulates down to ISO 16/14/11 level  
 \*water reduction varies with fluid type

Stationary Unit Size and Weight (dry): 35 1/2" x 27" x 48" high, up to 300 lbs  
 Flow Rate: 4 GPM  
 Processing Rate: 1 GPM  
 Operating Pressure: 100 PSIG  
 Ambient Temperature: -20°C to +55°C  
 Maximum Viscosity: 2500 SSU  
 Inlet Fluid Connection: 1" NPT with shutoff valve  
 Outlet Fluid Connection: 3/4" NPT with shutoff valve  
 Power Consumption: 2.5 KW  
 Power Supply Options: 120V, 50/60 Hz, 1 Ph  
 230V, 50/60 Hz, 1 Ph  
 Fluid Immersion Heater: 1000 watt (15 watts/sq. in)  
 Vacuum System: 27.5 in. Hg maximum  
 Operating Control: Graphic keyboard with membrane switches  
 Processing Reservoir: 8 gallons, stainless steel  
 Control Valve System: Integral manifold with minimal plumbing  
 Purification Control: Vacuum and fluid flow rate optimized  
 Moisture Sensor: Includes PPM indicator and programmable set point  
 Particle Counter: Includes 3 digit ISO code and programmable set points  
 System Alarms: Filter condition, Low vacuum, High pressure and High temperature  
 Motor, Enclosures and Wiring Code Compliance: Stationary: Nema 4  
 Portable: Nema 4 and NEC article 513

## OPTIONS:

- Portable unit with 4 inch casters (35 1/2" x 27" x 51" high, up to 325 lbs)
- Hardcopy data logger
- 25 foot long, 3/4 inch discharge hose and 25 foot long, 1 inch return hose
- 25 foot long power cable with customer specified plug
- Compatible seals and calibration protocols for specific fluids
- Solenoid operated shut-off valves
- Customer specified Q.D.'s at inlet/outlet and pressure/return hoses

Model 8852 is built to withstand harsh environmental conditions, rugged use and to provide many years of continuous service. Our customers are guaranteed a quality product with each purchase and are assured of our continued product support whenever and wherever the need arises.

## MAXIMUM SHIPPING SIZE AND WEIGHT

CONFIGURATION (Export Package)	Length inch (mm)	Width inch (mm)	Height inch (mm)	Weight lbs (kg)
Stationary	36 (914)	29 (737)	53 (1346)	350 (159)
Portable (casters)	36 (914)	29 (737)	56 (1422)	375 (170)