

# 5 Gallon Turbine Oil Duct Reverser Service Unit

## Model 380

The Model 380 Turbine Oil Duct Reverser Service unit is a 5 gallon fluid dispenser used to open/close the reverser duct actuator door to perform maintenance and inspection. The hand pump dispenser consists of a stainless steel reservoir, high pressure hand pump assembly, low pressure hand pump, relief valve, check valves, bypass valve, filter assembly, pressure gauge, fluid level indicator and a fluid delivery hose.

Model 380 is built to withstand harsh environmental conditions and 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.

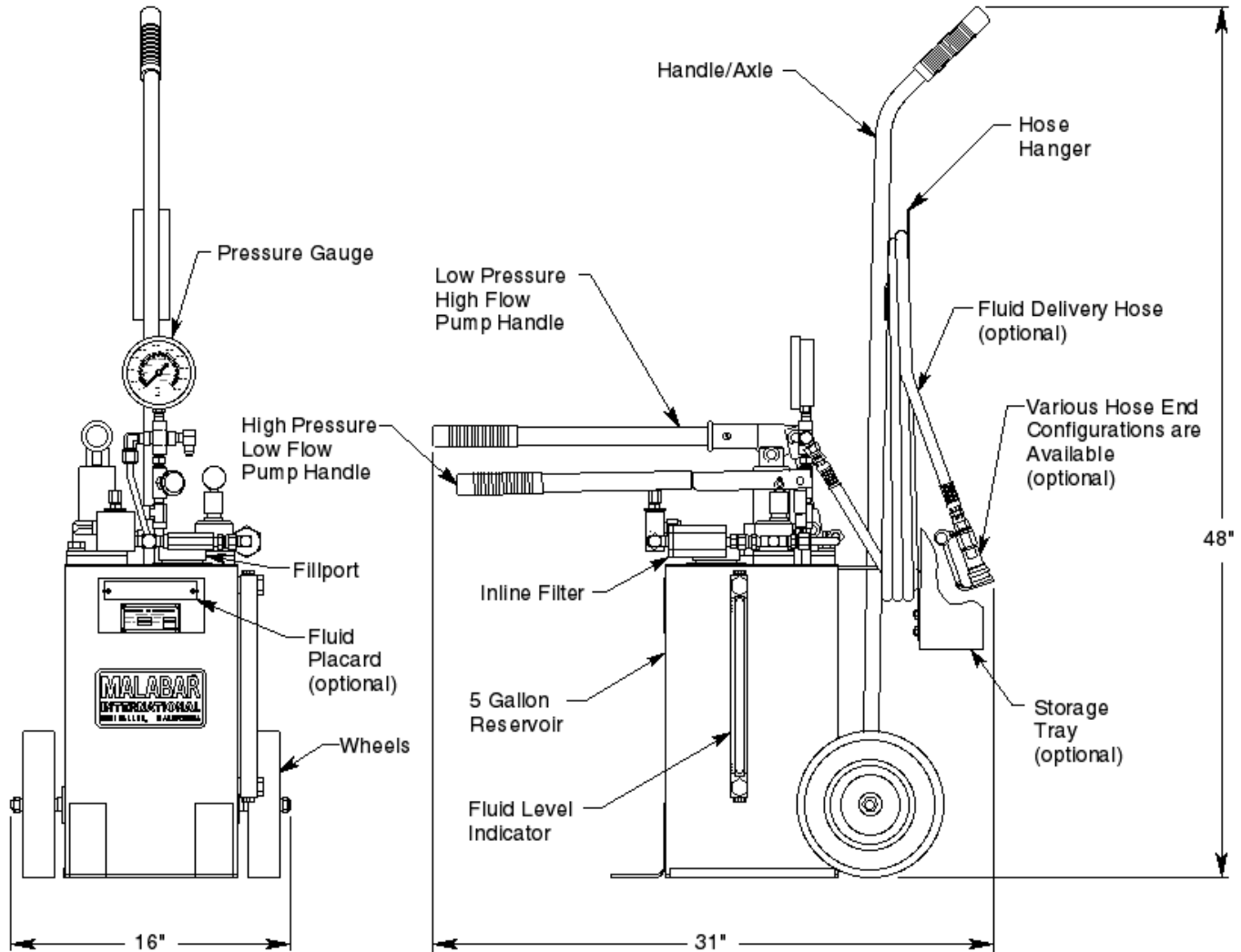
### Standard Features:

- Durable, lightweight and portable 5 gallon capacity stainless steel reservoir with fluid level indicator and integral stainless steel handle / axle assembly with wheels
- Dual manual hand pumps (low pressure high flow, high pressure low flow) and inline filter to dispense clean filtered aircraft fluids into aircraft systems
- Discharge pressure gauge
- Large fillport
- 1 year standard warranty
- Fully enclosed shipping container

### Optional Features:

- 3 micron absolute filter or 1 micron waterstop filter
- Mechanical fluid totalizing meters
- Lockable fillport / storage tray
- Various turbine oil fluid placards are available to ensure compliance with customer and aircraft manufacturer's line maintenance requirements
- Standard and special hose end fittings and couplings
- Polyurethane Wheels
- Delivery hose compatible with dispensed fluid
- Fluid level gauge
- Accessories and repair kits

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## Specifications:

Fluid Type .....	Turbine Oil
Fluid Capacity .....	5 Gallon (18.9 liters)
Pump Displacement:	
High Pressure per Stroke.....	0.14 cu inches (2.3 cc)
Low Pressure per Stroke .....	1.8 cu inches (30 cc)
Maximum Pump Outlet Pressure:	
High Pressure .....	5000 psig (352 kg/sq cm)
Low Pressure .....	500 psig (35 kg/sq cm)
Standard Hose Length.....	240 inches (6096 mm)
Standard Filter Rating.....	2-3 micron nominal
Net Weight Stainless Steel Tank .....	55 lbs (25 kg)

For more information contact: [sales@malabar.com](mailto:sales@malabar.com)

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### Model 380 Typical Aircraft Applications:

Engine Duct Reverser Actuator Service Unit

### Ordering Code: 380S-01-1-1-01-1-0-1-A

**FLUID TANK CONFIGURATION**

**380S:** Stainless Steel, Polished

**FLUID DESIGNATION & PLACARD**

- 00:** No Fluid Placard
- 01:** Reverser Duct Actuator Mobil Jet II
- 02:** Reverser Duct Actuator MIL-PRF-7808 Engine Oil
- 03:** Reverser Duct Actuator Esso 2380 Engine Oil
- 04:** Reverser Duct Actuator Turbo Oil 2197
- XX:** Other (contact Malabar Sales)

**FILTER TYPE**

**1:** Standard Filter

**DELIVERY HOSE**

- 0:** No Delivery Hose
- 1:** Standard Hose, 240" (20 ft) long
- 2:** Special Hose, 120" (10 ft) long
- X:** Other (contact Malabar Sales)

**ACCESSORIES (Optional)**

- A:** Repair Kit
  - XX:** Other (contact Malabar Sales)
- \*Accessories are supplied as separate line items

**WHEELS**

- 1:** Standard Rubber Wheels
- 2:** Polyurethane Wheels

**FILLPORT / STORAGE TRAY**

- 0:** No Locking Fillport & No Storage Tray
- 1:** Locking Fillport Only
- 2:** Storage Tray Only
- 3:** Storage Tray & Locking Fillport

**PRESSURE GAUGE**

- 0:** No Pressure Gauge
- 1:** Standard Pressure Gauge
- 2:** Discontinued

**HOSE END CONFIGURATION**

- 00:** No Hose End Configuration
- 01:** 9/16-18 UNF 37° Female Swivel
- 02:** #LL-2-H-8M Coupling (736-020) & Dust Plug
- XX:** Other (contact Malabar Sales)

### Shipping Data:

Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)
22 (559)	17 (432)	49 (1244)	62 (28)