

## SHURFLO® 477 SERIES AODD PUMPS

### AIR OPERATED DOUBLE DIAPHRAGM PUMP

477 SERIES PUMPS



#### FEATURES

The SHURFLO Model 477 Air Operated Double Diaphragm Pump was developed for chemical transfer, injection and spraying applications. This AODD pump features a directional control spool design that eliminates the stalling problems associated with over center directional control designs. With an open flow capacity of up to 10 gpm, the SHURFLO Model 477 pump will easily handle your current lower

5 gpm open flow applications, and will also apply to many applications currently using a 14 gpm open flow pump.

Industry standard fittings and mounting footprint make the installation of the SHURFLO Model 477 pump in existing equipment very simple. A 1/4" barb air connector and 1/2" and 3/4" barb liquid connectors are included.

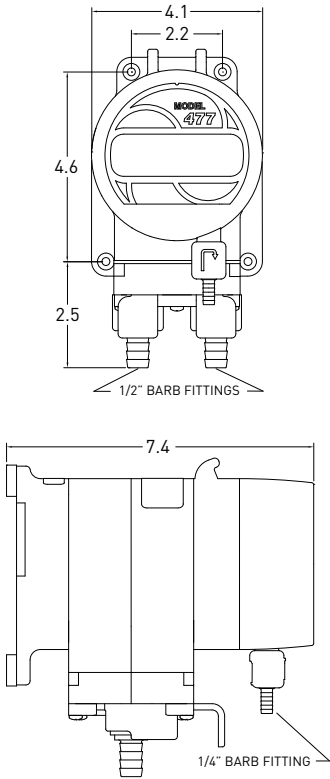
#### BENEFITS

- | High-Efficiency, No Stall Pneumatic Spool Valves for Long Life
- | Up to 10 GPM Open Flow @ 100 PSI Air Pressure [37.8 LPM @ 689 kPa]
- | 40–100 PSI Air Pressure Operating Range [275 – 689 kPa]
- | Pumps Handle Caustic or Acidic Fluids, Including High-Viscosity Fluids
- | Available in Santoprene® and Viton®
- | Industry Standard Mounting and Ports
- | Both 1/2" & 3/4" Barbed Liquid Port Fittings Included
- | Can Run Dry without Damage

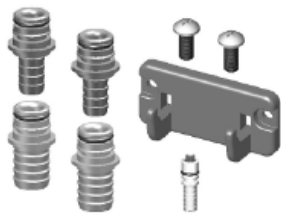
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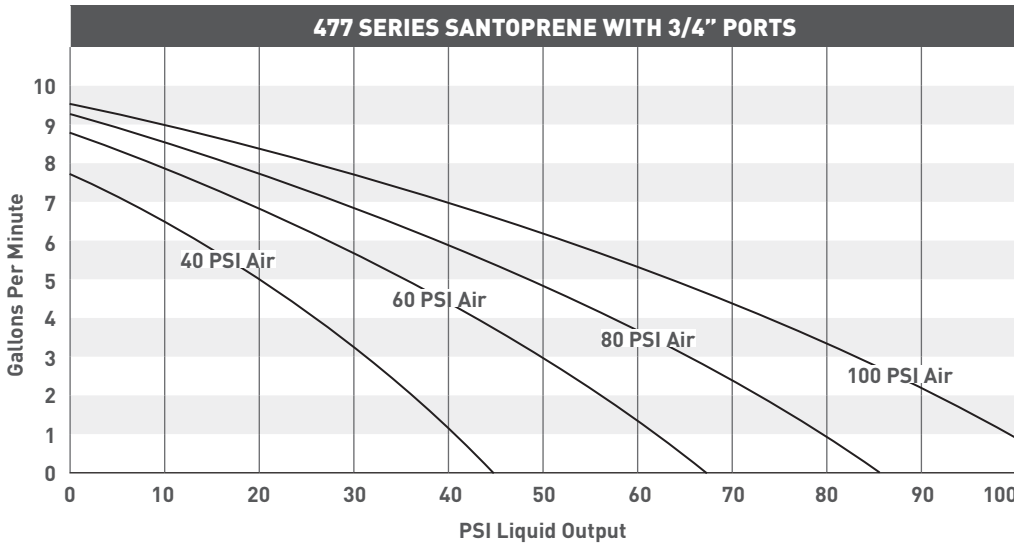
- Included Parts**
- (2) - 1/2" Barb Liquid Fittings
  - (2) - 3/4" Barb Liquid Fittings
  - (1) - 1/4" Barb Air Fittings
  - (1) - Optional Mount & Screws



### SPECIFICATIONS

MODEL	477-400-01 Santoprene®	477-400-02 Viton®
DISPLACEMENT	4.38 Ounces per Stroke [129.5 Milliliters per Stroke]	3.04 Ounces per Stroke [90 Milliliters per Stroke]
FLOW RATE	10 Gallons per Minute Max [37.8 Liters per Minute Max]	9 Gallons per Minute Max [34 Liters per Minute Max]
POWER SOURCE	CO2, Nitrogen, or Compressed Filtered Air	
OPERATING PRESSURE	40PSI Min - 100 PSI Max [2.8 Bar Min - 6.9 Bar Max]	
TEMPERATURE LIMITS	34°F - 120°F [1.1°C - 49°C]	
SUCTION LIFT	25 Inches Hg [85 kPa] Not intended for extended dry run	
PARTICULATE PASSAGE	.125 in. [3 mm] round soft particulates max.	
WEIGHT	2.5 Lbs. [1.13 Kgs.]	
FITTINGS	1/2" and 3/4" Barb (2 of each)	

### PERFORMANCE



**FLOW MANAGEMENT SOLUTIONS**  
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