

12 VDC PUMPS



- For Petrol, Diesel, Biodiesel (up to B20), Kerosene and E15
- Aluminum Construction
- Configurable 3/4" Inlet/Outlet



RD812NH - 30 LPM

- Portable Handheld Option
- Manual Nozzle
- 2,4m Discharge Hose
- 6' Suction Hose
- 10' Quick Connect Power Cable w/ Crocodile Clips



RD1212BN - 45 LPM

Pump and Cable Only



FR1205GE

- Up to 57 LPM
- 12 Volt
- Petrol, Diesel, E15, Kerosene and B20 Compatible
- Heavy Duty Cast Iron
- Self-Priming Rotary Vane
- 1" Inlet, 3/4" Outlet, BSPP-F Ports
- 2 Year Warranty



FR4205GE

- Up to 75 LPM
- 12 Volt
- Petrol, Diesel, E15, Kerosene and B20 Compatible
- Heavy Duty Cast Iron
- Self-Priming Rotary Vane
- 1" Inlet, 3/4" Outlet, BSPP-F Ports
- 2 Year Warranty



FR1600 Series

- Up to 38 LPM
- 12 Volt
- Diesel Only
- Cast Iron pump body
- 2m power cable
- 3/4" Inlet/Outlet
- 1/5 HP Motor



FR1616

- Pump Only
- 3/4" Hose bars and strainer



FR1614

- Manual poly nozzle
- 2,4m PVC suction hose with strainer
- 2,4m PVC discharge hose
- 3/4" Hose bars and clamps



FR1616

- Manual poly nozzle
- Telescoping poly suction tube
- 2,4m PVC discharge hose
- 3/4" Elbow
- 3/4" Hose barb and clamps

24 VDC PUMPS

FR2405GE

- Up to 57 LPM
- 24 Volt
- Petrol, Diesel, E15, Kerosene and B20 Compatible
- Heavy Duty Cast Iron
- Self-Priming Rotary Vane
- 1" Inlet, 3/4" Outlet, BSPP-F Ports
- 2 Year Warranty



FR4405GE

- Up to 75 LPM
- 115 Volt
- Petrol, Diesel, E15, Kerosene and B20 Compatible
- Heavy Duty Cast Iron
- Self-Priming Rotary Vane
- 2,4m Lift Capacity
- 1" Inlet, 3/4" Outlet, BSPP-F Ports
- 2 Year Warranty



FR705VE and FR705VEL

- Up to 75 LPM
- 230 Volt
- Petrol, Diesel, E15, Kerosene and B20 Compatible
- Heavy Duty Cast Iron
- Self-Priming Rotary Vane
- 1 in. Inlet and Outlet, BSPP-F Ports
- 2 Year Warranty
- FR705VEL includes 807CL1X418 meter



FR310VEMN

- Up to 130 LPM
- 115/230 Volt
- Petrol, Diesel, Kerosene and B20 Compatible
- Heavy Duty Cast Iron
- Self-Priming Rotary Vane
- 1 in. Inlet and Outlet, BSPP-F Ports
- 2 Year Warranty



FR311VELMN

- Up to 120 LPM
- 115/230 Volt
- Petrol, Gasoline, Kerosene and B20 Compatible
- Heavy Duty Cast Iron
- Self-Priming Rotary Vane
- Includes 901CLX418 meter
- 2 Year Warranty



SV20A2DBSD - Ideal for AdBlue

- Up to 76 LPM
- 230 VAC
- 304SS construction, Acetal vanes,
- Fluorocarbon seals
- 40 cp max viscosity
- 1 in. Inlet and Outlet, BSPP-F Ports
- Enclosed, fan cooled, continuous duty motor



HAND PUMPS

FR110 Series

- 37 Litres Per 100 Revolutions
- Gasoline, Diesel, E15, Kerosene, Light Oils and B20
- Vacuum Breaker
- Perfect for Tank or Drum Mounting
- 2 Year Warranty
- FR110 - Pump only
- FR112 includes 2,4m Hose nozzle spout, and suction tube
- FR112CL includes Litre Counter, 2,4m hose, nozzle spout, suction tube



FR150 Series

- 75 Litres Per 100 Strokes
- Gasoline, Diesel, E15, Kerosene, Light Oils and B20 Compatible
- Vacuum Breaker
- Perfect for Tank or Drum Mounting
- 2 Year Warranty
- FR150 - Pump only
- FR152 includes 2,4m hose, nozzle spout, suction tube



FRAP32V

- 24 LPM
- Air Operated
- AdBlue, Diesel, Antifreeze, and Oils Compatible
- Perfect for Tank or Drum Mounting
- Poly Construction, Fluorocarbon seals
- 6,9 Bar max
- Telescoping suction tube
- 1 Year Warranty



FRHP32V

- 33ml Per Stroke
- AdBlue, Diesel, Antifreeze, and Oils Compatible
- Perfect for Tank or Drum Mounting
- Fluorocarbon seals
- 1 Year Warranty



FLOW METERS

Digital In-line Meters

- 8-75 LPM
- Max Pressure: 8,2 Bar
- Power: 2AA Batteries
- Measures: Ounces, pints, quarts, litres, or gallons
- 1" FNPT Ports
- LCD Display
- 360° Positioning Display
- Quick, One Step Calibration

825/825P

- 825P Includes Pulse Output
- +/-0.2% Accuracy
- AdBlue, Water, Light Oils, Mild Chemicals



850/850P

- 850P Includes Pulse Output
- +/-0.2% Accuracy
- Mass Air Sensor
- AdBlue, Water, Light Oils, Mild Chemicals



820

- +/- 0.5% Accuracy
- Compatible with most Automotive Fluids (except Gasoline)
- Mild Acids, Very Thick Fluids and Many Industrial Chemicals



FLOW METERS

All-New In-line Digital Turbine Meters

1% ACCURACY
EASY FIELD CALIBRATION

- 8-132 LPM
- +/- 1% Accuracy
- Max Pressure: 3,4 Bar
- Power: 2AA Batteries
- Measures: Ounces, pints, quarts, litres, or gallons



TT10AB - 1" BSPP

- Aluminum Construction
- Gasoline, Diesel, Jet Fuel, Heptane, Kerosene, Mineral Spirits



TT10ABC - 1" BSPP

- Nickel Plated Aluminum Construction
- E85, B100 Bio-Diesel, Gasoline, Diesel, Non-Potable Water, Jet Fuel, Lavatory Water, Mineral Spirits



TT10PB - 1" BSPP

- Engineered Polymer Construction
- Ad Blue, Anti Freeze, De-Icing Fluid, Non-Potable Water, Other Chemicals

NPT Models are also available

900CD Series

- 23-151 LPM
- Gasoline, Diesel, BD up to B20, Kerosene, E15, Mineral Spirits, Stoddard Solvents and Heptanes
- Accuracy: +/- 1.25%
- Repeatability: +/-0.25%
- Max Pressure: 3,4 Bar
- 3/4" 4 Digit LCD Display w/ 7 Digit
- Resettable Totaliser
- Measures: English or Metric Plus
- User Defined Units
- Available in 1" or 1 1/2", BSPP-F



900CDP Series

- Includes All of the 900DB Features Plus:
- Intrinsically Safe Barrier & Pulser Included
- Backlight Display



800 Series

- 19-75 LPM
- 3 Wheel Mechanical
- +/- 1% Accuracy
- Gasoline, Diesel, E15, Kerosene, B20, Mineral Spirits
- Available in 3/4" or 1", BSPP-F



901C Series

- 23-150 LPM
- 4 Wheel Mechanical
- +/- 2% Accuracy
- Gasoline, Diesel, Kerosene & Mineral Spirits
- Available in 1" or 1 1/2", BSPP-F



UNIQUE DIAPHRAGM CONSTRUCTION
A stainless steel shaft with a reinforced diaphragm nut fully supports the diaphragm and prevents cross threading. The uniform seal hinge minimizes wear, increasing the diaphragm life, reducing cavitation, and pulsation.

TUTHILL AIR OPERATED DIAPHRAGM PUMPS

20% MORE EFFICIENT

60% LESS PULSATION

50% LESS MAINTENANCE

CERAMIC AIR VALVE
The innovative, patented, non-centering ceramic air valve design requires no external lubrication and provides an extremely fast trip-over, resulting in improved flow.

AIR MOTOR CONSTRUCTION
Glass filled polypropylene or static dissipative Nylon for use with fluids with low flash point.

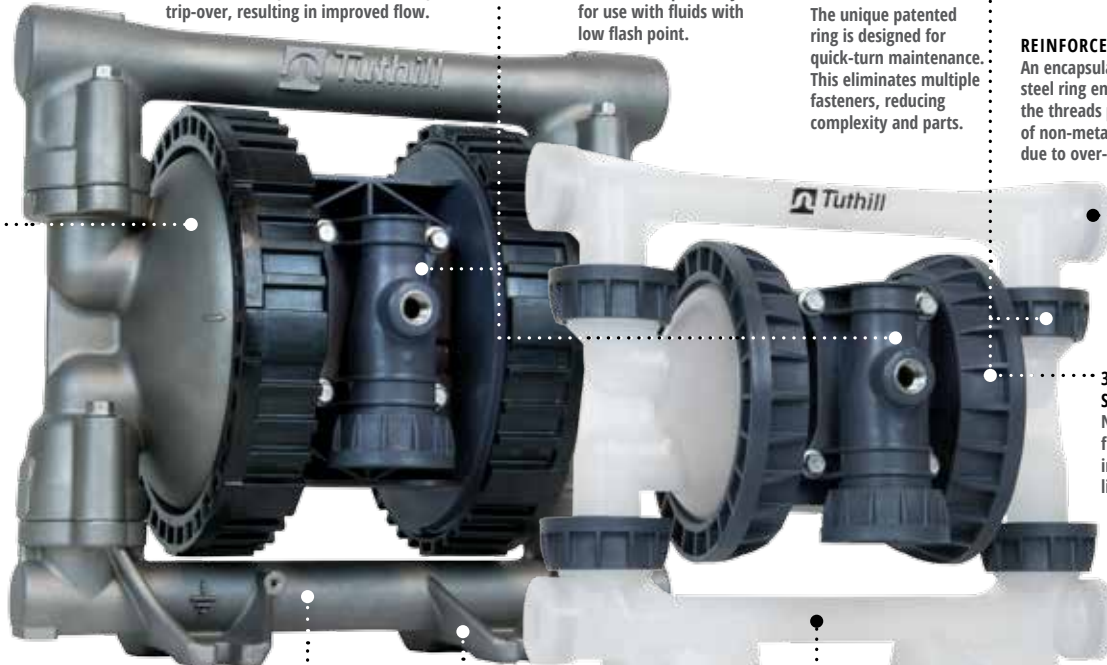
EASY-OFF THREADED RING CONSTRUCTION
The unique patented ring is designed for quick-turn maintenance. This eliminates multiple fasteners, reducing complexity and parts.

5-YEAR WARRANTY



REINFORCED MANIFOLD
An encapsulated stainless steel ring embedded around the threads prevents splitting of non-metallic manifolds due to over-tightening.

ELASTOMER OPTIONS
Hytrel™, Santoprene® or PTFE elastomers cover many fluid applications.



ALUMINUM, STAINLESS STEEL, POLYPROPYLENE, OR PVDF HOUSING
1" METALLIC PUMPS - BSPP OR NPT
1" NON-METALLIC PUMPS - DIN/ANSI FLANGE

FOOT MOUNT
An industry-standard foot mounting configuration retrofits into most existing mounting plates.

POLYPROPYLENE, ACETAL, OR PVDF HOUSING
1/2" PUMPS - BSPP OR NPT

FEWEST PARTS IN THE INDUSTRY
1/2" AODDs: 32 Parts
1" AODDs: 41 Parts

360° UNIFORM SEAL
No stress points from bolts greatly improves diaphragm life.

KEY APPLICATIONS

AdBlue, Oil and lubes, Concrete additives, Industrial chemicals, Adhesives, windscreen-washer fluid, Inks and paints, Caustics and acids, and Agricultural chemicals.

In grueling industrial environments, Tuthill Diaphragm pumps deliver exceptional performance for years of dependable operation. The SP100 Series Air-Operated Double Diaphragm Pump can be configured in materials that are resistant to industrial chemicals and is proven to provide complete compatibility coverage for a wide range of fluids. With its extensive list of features, the SP100 Series outperforms the competition time and time again.

TS OVAL GEAR METERS

Our TS Series meters are the standard in the Rotary Positive Displacement meter category. The accuracy and repeatability make this ideal for any environment. Mounted to a truck for bulk delivery, High Speed batching and unloading, Chemical and fertilizer transfer or delivery; the TS meters are compact, lightweight and easy to maintain. The unique oval gear design allows for compact mounting with minimal piping. The modular design allows flexibility in assembly for either mechanical registration or glandless pulse

- Only two moving parts
- No metal-to-metal contact in chamber
- Electronic gland-less meter
- Patented "Wave Form" oval gear design
- Low differential pressure for maximum flow
- Materials: 316 Stainless Steel with PTFE Seals or Anodized Aluminium with Fluorocarbon Seals
- Max Pressure @ 38°C
Electronic: 28 bar
Mechanical: 10 bar
- Repeatability: 0.05%



TS10

- Up to 150 LPM
- 1" BSPP

TS15

- Up to 230 LPM
- 1.5" BSPP or 150# RF bolted

TS20

- Up to 570 LPM
- 2" BSPP or 150# RF bolted

TS30

- Up to 760 LPM
- 3" 150# RF bolted

TM OVAL GEAR METERS

The TM Series of meters are meters up to 3/4" with capacities to 76 lpm where medium to high operating pressures are common. This makes them ideal for use in Additive Injection Service, industrial process, batching, fuel consumption systems and monitoring flow lubricants to critical bearings in large rotating equipment. Our TM Series provide compact, accurate and high performance with minimal piping requirements. With only 2 moving parts, this meter provides performance with ease of maintenance.

- Only two moving parts
- No metal-to-metal contact in chamber or bearings
- Electronic gland-less meter
- Low differential pressure for maximum flow
- Materials: 316 Stainless Steel with PTFE Seals or Anodized Aluminium with PTFE Seals
- Max Pressure @ 38°C
w/ 3:1 Safety Factor: 103 bar



TM02

- 1.1 LPM
- 1/4" BSPP
- Repeatability: .25%

TM03

- 11 LPM
- 3/8" BSPP
- Repeatability: .25%

TM04

- 38 LPM
- 1/2" BSPP
- Repeatability: .175%

TM06

- 76 LPM
- 3/4" BSPP
- Repeatability: .175%

WHO WE ARE

In 1892, James B. Tuthill began manufacturing bricks in Chicago, Illinois. Over 120 years and five generations later, Tuthill Corporation is a global presence in vacuum pumps, blowers, plastics, and fuel and chemical transfer systems. We take great pride that our products are still made in the USA, making quality and durability top priorities. The Fill-Rite® and Sotera® brands stand for promises kept by doing exactly what we say for our customers, inspiring people to choose, live, and love our brand, and cultivating relationships that last for life. To learn more visit tuthill.com

Our manufacturing facility is ISO 9001:2008 and ATEX Certified



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FUEL AND CHEMICAL TRANSFER SOLUTIONS

