

■ Stocked Items

for **PROCESS HANDLING**

PD Pumps

- ARO Ingersoll Rand Diaphragm
- PSG Blackmer Vane
PSG Mouvex Disc
PSG Maag Gear
PSG Abaque Peristaltic
- Milton Roy Metering Pumps
LMI Metering Pumps
Williams Metering Pumps
Tuthill Gear & Metering
Verder SSP Lobe
Continental Progressive Cavity
Leistritz Screw Pumps

Centrifugal Pumps

- Crane Pumps & Systems
Deming
Burks
Weinman
- PSG Griswold ANSI Pumps
PSG System One Pumps
Finish Thompson Mag Drive
Magnatex Mag Drive
- MP Pumps
GPM Eliminator Slurry Submersible
Sulzer ABS Submersibles

Vacuum Pumps & Compressors

- Kinney Vacuum Pumps
MD Pneumatic Blowers
PSG Industrial Compressors

Drum & Hand Pumps

- PSG Blackmer Hand Pumps
Flux Drum Pumps
Tuthill Fill-Rite

Storage Tanks

- ACE Roto-Mold Poly Tanks
Assmann Poly Tanks
Steel Fab Tanks
ASME Carbon & Stainless Steel
Carbon Steel Aboveground
Fiberglass Tanks

Tank Fittings & Vents

- OPW Couplers & Drybreaks
OPW Sight Flow Indicators
TODO Drybreaks
Morrison Bros
Protectoseal Vents
Titan Strainers

Rotary Unions

- Deublin
Barco

Liquid Level Gauges

- Rosemount Level Transmitters
Krohne Level
Centeron Robertshaw Level
Pneumercator
Moorman Bros
Protectoseal

Mixers

- Brawn Portable & Sanitary
Proquip Top Entry Agitators
MagnaSafe Mag Drive Mixers
IKA Inline Mixing

Filters

- Westco Bag & Cartridge Filters

Meters & Instrumentation

- Micro Motion Coriolis
Rosemount Instruments
Flow Transmitters
Pressure Transmitters
Temperature Transmitters
Krohne Meters & Transmitters
- Red Seal Neptune PD
Liquid Controls
Tuthill FPP PD
GPI Meters

Hose & Reels

- Continental ContiTech Chemical Hose
NovaFlex Composite Hose
Hannay Hose & Grounding Reels

Liquid Loaders & Platforms

- OPW Bulk Loaders
OPW Swivels
Green Access & Fall Protection

Industrial Heat Exchangers

- JFD Shell & Tube
WCR Plate & Frame

Custom Process Systems

- OEC Custom Piping Skids
Milton Roy Metering Skids
Sulzer ABS Submersible Pump Systems
RSI Control Panels

for **HIGH PURITY HANDLING**

Pumps

- Alfa Laval Centrifugal
Alfa Laval Lobe Pumps
APV Centrifugal
Topline Centrifugal

Valves

- Alfa Laval Sanitary Valves
APV Sanitary Valves
Topline Sanitary Valves

Fittings

- Alfa Laval Fittings
- Topline Fittings

Sanitary Heat Exchangers

- APV Sanitary Plate & Frame

Homogenizers

- APV Homogenizers

Tanks

- Sanitary Stainless Steel

Hose

- ACE Sanitary
B & A Flexible Sanitary

for **FUEL & LUBE HANDLING**

Pumps

- PSG Blackmer Vane
- Gorman Rupp Centrifugal & Gear
ARO Diaphragm & Piston
- Graco Pumps & Equipment
Dresser Wayne Dispensers
- Red Jacket Submersibles

Tanks

- Containment Solutions
Highland UL Tanks

Fuel Filters

- Central Illinois

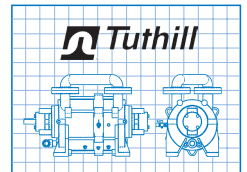
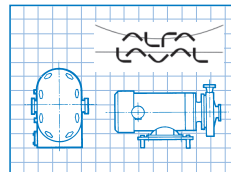
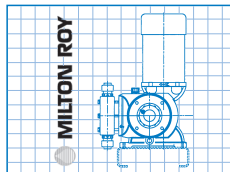
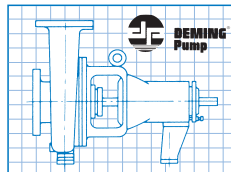
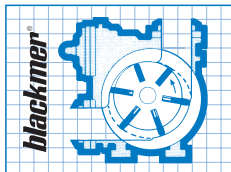
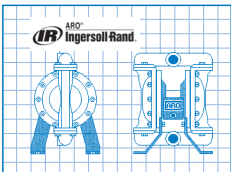
DEF Pumps

- DAB Water Technologies
Finish Thompson
MP Centrifugal

Meters

- Liquid Controls
■ Red Seal Neptune

Your ONE Source for Custom Liquid Systems – Transfer, Storage, Batching and Process



Performance Guaranteed

CONVERSION FACTORS

FLOW

Liters/Min. x .2641	=	Gal./Min. (U.S.)
G.P.M. x 3.785	=	Liters/Min.
Cu. Meters/Hr. x 4.4	=	Gal./Min. (U.S.)
Kg. of Water/Min. x .263	=	Gal./Min. (U.S.)
Lbs. of Water/Hr. x .002	=	Gal./Min.
$\frac{\text{Lbs. of Fluid/Hr.} \times .002}{\text{Specific Gravity}}$	=	Gal./Min.

VISCOSITY CONVERSION (approx.)

Centistokes x 4.63	=	S.S.U.
S.S.U. x 0.206	=	Centistokes (CK)
$\frac{\text{Absolute Viscosity (Centipoise)}}{\text{Specific Gravity}}$	=	Kinematic Viscosity (Centistokes)
Saybolt Furol x 10	=	S.S.U.
Redwood Std. x 1.095	=	S.S.U.
Redwood Admiralty x 10.85	=	S.S.U.
Ford Cup #4 x 17.4	=	S.S.U.
MacMichael x 1.92	=	S.S.U.
Stormer x 13	=	S.S.U.

VOLUME

Cu. Ft. x 7.48	=	Gal.
Cu. In. x 7.48	=	Gal.
Liter x .264	=	Gal.
Gal. x 3.785	=	Liters
Lbs. Water x .119	=	Gal.
Gal. (Brit.) x 1.2	=	Gal. (U.S.)
1728 Cu. In.	=	1 Cu. Ft.

TEMPERATURE

$(1.8 \times ^\circ\text{C}) + 32$	=	$^\circ\text{F}$
$0.55 (^\circ\text{F} - 32)$	=	$^\circ\text{C}$

PRESSURE

Ft. of Water x .433	=	P.S.I.
P.S.I. x 2.31	=	Ft. of Water
Inches Hg x 1.113	=	Ft. of Water
Inches Hg x .491	=	P.S.I.
Atm. x 14.7	=	P.S.I.
Atm. x 33.9	=	Ft. of Water
Kg./Sq. Cm x 14.22	=	P.S.I.
Meters of Water x 1.42	=	P.S.I.
Atm. x 760	=	mm. Hg
mm. Hg x .039	=	Inches Hg

MASS

Kilograms x 2.2	=	Lbs.
Lbs. x .454	=	Kilograms
Gal. of Water x 8.336	=	Lbs.
Cu. Ft. of Water x 62.4	=	Lbs.

LENGTH

Meters x 3.281	=	Feet
Microns x .00004	=	Inches
Centimeters x .394	=	Inches
Millimeters x .0394	=	Inches

POWER (PD Pumps)

G.H.P. x 42.4	=	B.T.U./Min.
$\frac{T (\text{Ft. Lb.}) \times \text{R.P.M.}}{5250}$	=	B.H.P. = $\frac{T (\text{Inch-Lbs.}) \times \text{R.P.M.}}{63025}$
B.H.P. =	=	$\frac{\text{Disp. (Gals.)} \times \text{R.P.M.} \times \text{P.S.I.}}{1714 \times \text{Eff.}}$



FLUID HANDLING INC.

SUBSIDIARY OF OILMEN'S EQUIPMENT CORP.

www.oecfh.com

Phone 800-500-9311
Phone 864-573-9200
Fax 864-573-9299

140 Cedar Springs Rd.
P.O. Box 2807
Spartanburg, SC 29304

Your ONE Source for Custom Liquid Systems – Transfer, Storage, Batching and Process