

Phone 800-500-9311
Phone 864-573-9200
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OEC FLUID HANDLING INC.

SUBSIDIARY OF OILMEN'S EQUIPMENT CORP.

www.oecfh.com

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

■ Stocked Items

for **PROCESS HANDLING**

PD Pumps

- ARO Ingersoll Rand Diaphragm
- Blackmer Vane
 - Blackmer Mouvox
 - Blackmer Abaque
 - Continental Progressive Cavity
 - Leistritz Screw Pumps
- Milton Roy Metering Pumps
 - LMI Metering Pumps
 - Durameter Pumps
 - Williams
- Tuthill Gear & Metering

Centrifugal Pumps

- Crane Pumps & Systems
 - Deming
 - Burks
 - Weinman
 - Finish Thompson Mag Drive
 - GPM Eliminator Slurry Pumps
 - Griswold ANSI Pumps
- MP Pumps

Drum & Hand Pumps

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

Storage Tanks

ACE Roto-Mold Poly Tanks
ASME Carbon & Stainless Steel
Assman Poly Tanks
Custom Metal Craft Alloy
Fiberglass Tanks
Highland Tank Inc.

Tank Fittings & Vents

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

Liquid Level Gauges

Moorman Bros
Pneumercator
Protectoseal
Rosemount Level Transmitters
Siemens Milltronics

Mixers

Brawn Portable & Sanitary
Proquip Top Entry Agitators
IKA Works Inline Mixing

Filters

- Westco Bag & Cartridge Filters

Rotary Unions

- Deublin

Meters & Instrumentation

- Micro Motion Coriolis
- Neptune Actaris PD
- Liquid Controls
 - Tuthill FPP PD
 - GPI Meters
 - Rosemount
 - Flow Transmitters
 - Pressure Transmitters
 - Temperature Transmitters
- RSI Control Panels

Hose & Reels

- Goodyear Chemical Hose
- NovaFlex Composite Hose
- Hannay Reels

Liquid Loaders & Platforms

OPW Bulk Loaders
OPW Swivels
Green Access & Fall Protection
Hannay Grounding Reels

Heat Exchangers

- JFD Shell & Tube
- WCR Plate & Frame

for **HIGH PURITY HANDLING**

Pumps

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

Valves

Alfa Laval Sanitary Valves
APV Sanitary Valves

Fittings

- Alfa Laval Sanitary Fittings
- Topline Fittings

Heat Exchangers

APV Sanitary Plate & Frame

Homogenizers

APV Homogenizers

Tanks

Sanitary Stainless Steel

Hose

B & A Flexible Sanitary

for **FUEL & LUBE HANDLING**

Pumps

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

Tanks

Highland UL Tanks

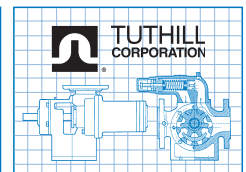
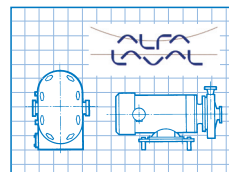
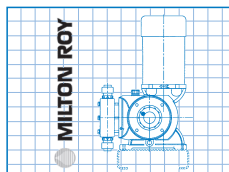
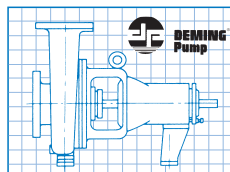
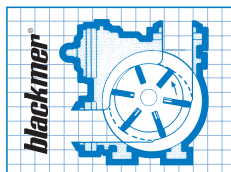
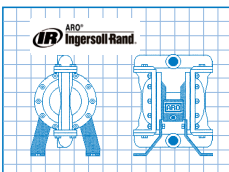
Fuel Filters

Central Illinois

DEF Pumps & Tanks

DWT Leader Pumps

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



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

$(1.8 \times ^\circ\text{C}) + 32$	=	$^\circ\text{F}$
$555 (^\circ\text{F} - 32)$	=	$^\circ\text{C}$

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)

$$\text{G.H.P.} \times 42.4 = \text{B.T.U./Min.}$$

$$\frac{\text{T (Ft. Lb.)} \times \text{R.P.M.}}{5250} = \text{B.H.P.} = \frac{\text{T (Inch-Lbs.)} \times \text{R.P.M.}}{63025}$$

$$\text{B.H.P.} = \frac{\text{Disp. (Gals.)} \times \text{R.P.M.} \times \text{P.S.I.}}{1714 \times \text{Eff.}}$$



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