

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

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 Mouvex
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
Sulzer ABS Submersibles

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

Heat Exchangers

- JFD Shell & Tube
WCR Plate & Frame

Liquid Level Gauges

Moorman Bros
Pneumercator
Protectoseal
Krohne 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 Red Seal
- Liquid Controls
Tuthill FPP PD
GPI Meters
Rosemount
Flow Transmitters
Pressure Transmitters
Temperature Transmitters
Krohne Meters & Transmitters

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

Custom Process Systems

OEC Custom Piping Skids
Milton Roy Metering Skids
Sulzer ABS Submersible Systems
RSI Control Panels
Integrated Flow Solutions

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

Ace Sanitary 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

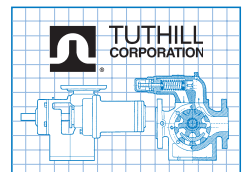
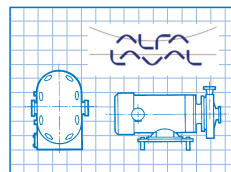
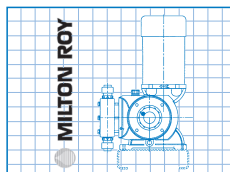
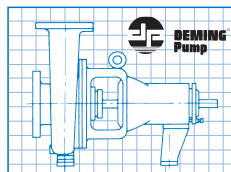
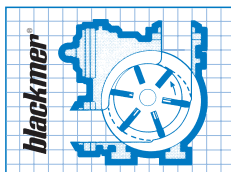
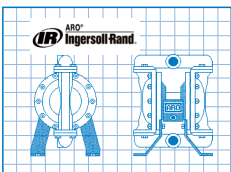
Fuel Filters

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)

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, Batching and Process Metering