



"RELIABLE PUMPS – GREAT SERVICE"

1800 SOUTH LITTLE, CUSHING, OK 74023

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Conversion Table						
Multiply	By	To Obtain	Multiply	By	To Obtain	
Atmospheres	0.9868	Bar	Grains/US Gallon	17.118	Parts/Million (ppm)	
Atmospheres	29.92	Inches of Mercury (Hg)	Grams/cm	0.0056	Pounds/Inch (PSI)	
Atmospheres	1.0333	Kg/cm <sup>2</sup>	Grams//Liter	58.417	Grains/Gallon	
Barrel	0.15898	Cubic Meter	Inches	2.540	Centimeters	
Barrel	5.6146	Cubic Feet	Inches	25.4	Millimeters	
Barrel – Oil	42.00	Gallons – Oil	Inches of Mercury (Hg)	0.03342	Atmospheres	
Barrel (Ø 36" API)	0.1342	Metric Ton	Inches of Mercury (Hg)	0.03453	Kilograms/Centimeters <sup>2</sup>	
Barrel/Hour	0.700	Gallon/Minute	Inches of Mercury (Hg)	0.4912	Pounds/Inch <sup>2</sup> (PSI)	
Barrel/Day	0.2917	Gallon/Minute	Inches of Water (H <sub>2</sub> O)	0.002458	Atmospheres	
Bar	14.503	PSI	Kilograms/Meter	0.6720	Pounds/Foot	
Centimeters	0.3937	Inches	Kilograms/cm <sup>2</sup>	0.9678	Atmospheres	
Centimeters of Mercury (Hg)	0.01316	Atmospheres	Kilograms/cm <sup>2</sup>	28.96	Inches of Mercury (Hg)	
Centimeters of Mercury (Hg)	136.0	Kg/m <sup>2</sup>	Kilograms/cm <sup>2</sup>	2048.0	Pounds/foot <sup>2</sup>	
Centimeters of Mercury (Hg)	0.1934	PSI	Kilograms/cm <sup>2</sup>	14.20	Pounds/inch <sup>2</sup>	
Centimeters/Second	1.969	Feet/Min.	Kilograms	2.2046	Pounds	
Centimeters/Second	0.6	Meters/Min	Kilometers	0.6214	Miles	
Cubic Centimeters	0.00003531	Cubic Feet	Kilometers	1094.0	Yards	
Cubic Centimeters	0.002133	Pints (Liq.)	Kilometers/hour	16.67	Meters/Minute	
Cubic Feet	0.1781	Barrels	Kilometers/hour	0.6214	Miles/Hour	
Cubic Feet	0.02832	Cubic Meters	Kilopascal	0.145	Pounds/Inch <sup>2</sup>	
Cubic Feet	7.48052	Gallons	Liters	0.03531	Cubic Feet	
Cubic Feet	28.32	Liters	Liters	61.02	Cubic Inches	
Cubic Feet/Minute	0.1247	Gallons/Sec.	Liters	0.2642	Gallons	
Cubic Feet/Minute	10.686	Barrels/Hour	Liters	1.057	Quarts(liquid)	
Cubic Feet/Second	448.831	Gallons/ Min.	Liters/Min.	0.0005886	Cubic Feet/Second (ft <sup>3</sup> /sec)	
Cubic Inches	16.39	Cubic Centimeters	Meters	3.281	Feet	
Cubic Inches	0.01639	Liters	Meters	39.37	Inches	
Cubic Meters	35.31	Cubic Feet	Meters	1.094	Yards	
Cubic Meters	1.308	Cubic Yards	Millimeters	0.03937	Inches	
Cubic Meters	264.2	Gallons	Meters/Min.	3.281	Feet/Minute	
Cubic Meters	6.289	Barrels	Meters/Min.	0.05468	Feet/Second	
Meters <sup>3</sup> /Meters <sup>3</sup> (GOR)	5.625	Cubic Feet/Barrel (GOR)	Meter/Sec.	3.281	Feet/Second	
Meters <sup>3</sup> /Hour	150.958	Barrel/Day	Miles	1.609	Kilometers	
Meters <sup>3</sup> /Hour	4.4028	Gallons/Minute	Ounces	16.0	Drams	
Meters <sup>3</sup> /Day-KgCM (PI)	0.44217	Barrel/Day-PSI (PI)	Ounces	0.0625	Pounds	
Cubic Yards	0.7646	Cubic Meters	Parts/Million (ppm)	8.345	Pounds/Million Gallons	
Cubic Yards	202.0	Gallons	Pounds	0.4535	Kilograms	
Drams	27.34375	Grains	Pounds (Troy)	0.00036735	Tons (Long)	
Feet	30.48	Centimeter	Pounds (Troy)	0.00041143	Tons (Short)	
Feet	0.3048	Meters	Pounds (Troy)	0.00037324	Tons (Metric)	
Feet of Water (H <sub>2</sub> O)	0.02950	Atmospheres	Pounds/Cubic Ft.	0.01602	Grams/Cubic Centimeter	
Feet of Water (H <sub>2</sub> O)	0.8826	Inches of Mercury (Hg)	Pounds/Cubic Ft.	16.02	Kilograms/Cubic Meter	
Feet of Water (H <sub>2</sub> O)	0.03048	Kg/cm <sup>2</sup>	Pounds/Cubic In.	27680.0	Kilograms/Cubic Meter	
Feet of Water (H <sub>2</sub> O)	0.4335	PSI	Pounds/Foot	1.488	Kilograms/Meter	
Feet/Min.	0.5080	Centimeters/Sec	Pounds/ Square Foot	0.004883	Kilograms/Centimeters <sup>2</sup>	
Feet/Min.	0.01829	Kilometers/hour	Pounds/Inch <sup>2</sup> (PSI)	0.06804	Atmospheres	
Feet/Min.	0.0348	Meter/min	Pounds/Inch <sup>2</sup> (PSI)	2.036	Inches of Mercury (Hg)	
Feet/Sec <sup>2</sup>	30.48	Centimeter/s <sup>2</sup>	Pounds/Inch <sup>2</sup> (PSI)	0.07031	Kilograms/Centimeter <sup>2</sup>	
Feet/Sec <sup>2</sup>	0.3048	Meter/s <sup>2</sup>	Pounds/Inch <sup>2</sup> (PSI)	6.894	Kilopascal	
Gallons (US)	0.2381	Barrel	Quarts (Liquid)	0.946	Liter	
Gallons (US)	0.83267	Gallons (Imperial)	Square Foot (ft <sup>2</sup> )	0.0929	Square Meter	
Gallons	0.003785	Cubic Meters	Square Inch	6.452	Square Centimeter	
Gallons	0.00495	Cubic Yards	Square Meter	10.76	Square Feet	
Gallons (Imperial)	1.20095	Gallons (US)	Temp (°C) + 273	1.0	Abs. Temperature (K)	
Gallons of Water (H <sub>2</sub> O)	8.3453	Pounds of Water	Temp (°C) + 17.78	1.8	Temp (°F)	
Gallons/Minute	1.429	Barrels/Hour	Temp(°F) + 460	1.0	Abs. Temperature (°R)	
Gallons/Minute	0.06308	Liter/sec	Temp(°F) – 32	0.5555	Temp (°C)	
Gallons/Minute	8.0208	ft <sup>3</sup> /hour	Tons (Short)	2000	Pounds	
Gallons/Minute	0.00228	ft <sup>3</sup> /sec	Tons (Short)	907.18486	Kilograms	
Grains (Troy)	0.0020833	Ounces (Troy)	Tons (Metric)	7.454	Barrels (Ø 36" API)	