TABLE OF EQUIVALENTS

VOLUMETRIC UNIT EQUIVALENTS

	Cubic Centimeter	Fluid Ounce	Pound of Water	Liter	US Gallon	Cubic Foot	Cubic Meter
Cubic Centimeter	●	.034	2.2×10^{-3}	.001	2.64×10^{-4}	3.53×10^{-5}	1.0×10^{-6}
Fluid Ounce	29.4	●	.065	.030	7.81×10^{-3}	1.04×10^{-3}	2.96×10^{-5}
Pound of Water	454	15.4	●	.454	.12	.016	4.54×10^{-4}
Liter	1000	33.8	2.2	●	.264	.035	.001
US Gallon	3785	128	8.34	3.785	●	.134	3.78×10^{-3}
Cubic Foot	28320	958	62.4	28.3	7.48	●	.028
Cubic Meter	1.0×10^{6}	3.38×10^{4}	2202	1000	264	35.3	●

LIQUID PRESSURE EQUIVALENTS

	Lb/In^2 (psi)	Ft Water	Kg/Cm^2	Atmosphere	Bar	Inch Mercury	kPa (kilopascal)
Lb/In^2 (psi)	●	2.31	.070	.068	.069	2.04	6.895
Ft Water	.433	●	.030	.029	.030	.882	2.99
Kg/Cm^2	14.2	32.8	●	.968	.981	29.0	98
Atmosphere	14.7	33.9	1.03	●	1.01	29.9	101
Bar	14.5	33.5	1.02	.987	●	29.5	100
Inch Mercury	.491	1.13	.035	.033	.034	●	3.4
kPa (kilopascal)	.145	.335	.01	.009	.01	.296	●

LINEAR UNIT EQUIVALENTS

	Micron	Mil	Millimeter	Centimeter	Inch	Foot	Meter
Micron	●	.039	.001	1.0×10^{-4}	3.94×10^{-5}	–	–
Mil	25.4	●	2.54×10^{-2}	2.54×10^{-3}	.001	8.33×10^{-5}	–
Millimeter	1000	39.4	●	.10	.0394	3.28×10^{-3}	.001
Centimeter	10000	394	10	●	.394	.033	.01
Inch	2.54×10^{4}	1000	25.4	2.54	●	.083	.0254
Foot	3.05×10^{5}	1.2×10^{4}	305	30.5	12	●	.305
Meter	1.0×10^{6}	3.94×10^{4}	1000	100	39.4	3.28	●

MISCELLANEOUS EQUIVALENTS AND FORMULAS

Unit	Equivalent	Unit	Equivalent
Ounce	28.35 Gr.	Acre	43.560 ft^2
Pound	.4536 Kg.	Fahrenheit (°F)	= 9/5 (°C) + 32
Horse-Power	.746 Kw.	Celsius (°C)	= 5/9 (°F – 32)
British Thermal Unit	.2520 Kg. Cal.	Circumference of a Circle	= 3.1416 x D
Square Inch	6.452 cm^2	Area of a Circle	= .7854 x D^2
Square Foot	.09290 m^2	Volume of a Sphere	= .5236 x D^3
Acre	.4047 Hectare	Area of a Sphere	= 3.1416 x D^2

DIMENSIONS

The catalog tabulations show orifice dimensions as "Nom." (nominal). Specific dimensions are available on request.