

Tabla de conversión en líquidos.

Information required to size for conditions other than water:

- Specific Gravity of Fluid (@ Operating Conditions)
- Fluid Temperature (@ Operating Conditions)
- Viscosity (@ Operating Conditions)
- Specific Gravity of float to be used

1. Convert Customers Flow rate unit of measure to a standard unit of measure. (GPM).

RATE OF FLOW UNIT CONVERSIONS:

GPM (Flowing Liquid)

- = GPH / 60
- = CC / MIN / 3,785
- = CC / HR / (3,785 x 60)
- = LPM / 3.785
- = LPH / 227.1
- = M3 / MIN x 264.2
- = M3 / HR x 4.402
- = PINTS / MIN / 8
- = FT3 / MIN x 7.48
- = Ft3 / HR / 8.021
- = Kg / MIN x 0.264 / Sp. Gr.
- = Kg / HR / (227 x Sp. Gr.)
- = Lbs / MIN / (8.347 x Sp. Gr.)
- = Lbs / HR / (500.8 x Sp. Gr.)
- = GRAMS / MIN / (3,785 x Sp. Gr.)
- = GRAMS / HR / (277,000 x Sp. Gr.)

CC / MIN (Flowing Liquid)

- = GPM x 3785
- = GPM x 63.08
- = CC / HR / 60
- = LPM x 1,000
- = LPH x 16.67
- = M3 / MIN x 1,000,000
- = M3 / HR x 16,667
- = PINTS / MIN x 473.1
- = FT3 / MIN x 28,320
- = FT3 / HR x 472
- = Kg / MIN x 1,000 / Sp. Gr.
- = Kg / HR x 16.67 / Sp. Gr.
- = Lbs / MIN x 453.6 / Sp. Gr.
- = Lbs / HR / 7.56 / Sp. Gr.
- = GRAMS / MIN / Sp. Gr.
- = GRAMS / HR / (60 x Sp. Gr.)

Note: Use Correction Factor formula given above to calculate GPM OR CC / MIN (Water Equivalent).



Tabla de conversión en aire o gases.

Information required to size for conditions other than air at STP:

- Operating Temperature
- Operating Back Pressure
- Specific Gravity of Fluid at STP

1. Convert Customers Flow rate unit of measure to a standard unit of measure. (SCFM).

RATE OF FLOW UNIT CONVERSIONS:

SCFH (Flowing Gas)

- = SCFH / 60
- = SCIM / 1,728
- = SLPM / 28.317
- = SLPH / 1,699
- = SM3 / MIN x 35.31
- = SM3 / HR x 0.5885
- = NM3 / MIN x 37.99
- = NM3 / HR x 0.6331
- = SCC / MIN / 28,317
- = Kg / MIN x 29.39 / Sp. Gr.
- = Kg / HR x 0.490 / Sp. Gr.
- = Lbs / MIN x 13.33 / Sp. Gr.
- = Lbs / HR x 0.2222 / Sp. Gr.
- = Lbs / DAY x 0.00926 / Sp. Gr.
- = ACFM x (Oper PSIG + 14.7) x 530
14.7 x (Oper °F + 460)

SCC / MIN (Flowing Gas)

- = SCFM x 28,317
- = SCFH x 472
- = SCIM x 16.39
- = SLPM x 1,000
- = SLPH x 16.67
- = SM3 / MIN x 1,000,000
- = SM3 / HR x 16,667
- = NM3 / MIN / x 1,075,785
- = NM3 / HR x 17,929
- = Kg / MIN x 832,000
- = Kg / HR x 13,876 / Sp. Gr.
- = Lbs / MIN x 377,500 / Sp. Gr.
- = Lbs / HR x 6292 / Sp. Gr.

Note: Use Correction Factor formula given above to calculate SCFM or SCC / MIN (Air Equivalent).