

# CONVERSION CHART

## CONVERSIONS

|          |                                     |             |
|----------|-------------------------------------|-------------|
| MM → IN. | DIVIDE                              | MM BY 25.4  |
| IN. → MM | MULTIPLY                            | IN. BY 25.4 |
| °C → °F  | $9/5 \text{ } ^\circ\text{C} + 32$  | = °F        |
| °F → °C  | $\frac{^\circ\text{F} - 32}{9} (5)$ | = °C        |

## FRENCH SIZE EQUIVALENTS

| French | Inches |
|--------|--------|
| 1.0    | .013   |
| 2.0    | .026   |
| 3.0    | .039   |
| 4.0    | .052   |
| 5.0    | .065   |
| 6.0    | .078   |
| 7.0    | .091   |
| 8.0    | .105   |
| 9.0    | .118   |
| 10.0   | .131   |
| 11.0   | .144   |
| 12.0   | .157   |
| 13.0   | .170   |
| 14.0   | .183   |
| 15.0   | .196   |
| 16.0   | .210   |
| 17.0   | .223   |
| 18.0   | .236   |
| 19.0   | .250   |
| 20.0   | .262   |
| 21.0   | .275   |
| 22.0   | .288   |
| 23.0   | .301   |
| 24.0   | .314   |
| 25.0   | .327   |
| 26.0   | .340   |
| 27.0   | .354   |
| 28.0   | .367   |
| 29.0   | .380   |
| 30.0   | .393   |

## PRESSURE

|                        |       |               |
|------------------------|-------|---------------|
| Multiply by →          |       |               |
| ← Divide by            |       |               |
| psig                   | 2.31  | feet of water |
| psia                   | 6.9   | kilopascals   |
| psig                   | 2.03  | inches of Hg  |
| psia                   | 0.068 | atm           |
| psia                   | 0.068 | bar           |
| atm                    | 33.9  | feet of water |
| atm                    | 760   | mm Hg         |
| inches Hg              | 1.133 | feet of water |
| mm Hg                  | 0.039 | inches Hg     |
| newtons/m <sup>2</sup> | 1     | pascals       |

## FLOW RATES

|                            |           |                    |
|----------------------------|-----------|--------------------|
| Multiply by →              |           |                    |
| ← Divide by                |           |                    |
| cc/min                     | 1         | mL/min             |
| ml/min                     | 0.016     | GPH                |
| ml/min                     | 0.034     | Oz/min             |
| GPM                        | 3.785     | L/min              |
| GPM                        | 0.227     | m <sup>3</sup> /hr |
| GPM                        | 500/sp gr | lb of fluid /hr    |
| cfm (ft <sup>3</sup> /min) | 28.31     | L/min              |
| cfm (ft <sup>3</sup> /min) | 1.699     | m <sup>3</sup> /h  |
| cfh (ft <sup>3</sup> /hr)  | 472       | mL/min             |
| cfh (ft <sup>3</sup> /hr)  | 0.125     | GPM                |

## VOLUME

|               |         |                   |
|---------------|---------|-------------------|
| Multiply by → |         |                   |
| ← Divide by   |         |                   |
| gallons       | 128     | fluid ounces      |
| gallons       | 3.785   | liters            |
| liters        | 1000    | cubic centimeters |
| lb water      | 0.119   | gallons           |
| gallons (Imp) | 1.2     | gallons (U.S.)    |
| cubic ft      | 7.48    | gallons           |
| cubic in.     | 0.00433 | gallons           |
| cubic cm      | 0.0338  | fluid ounces      |
| cubic meters  | 264.2   | gallons           |
| cubic meters  | 1000    | liters            |

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