

## Conversion Factors for Units of Flow Rate

The below information is reproduced from the extensive reference section of the website  
<http://home.mchsi.com/~gweidner/site>.

### Terms and Abbreviations

ft = foot

ft<sup>3</sup> = cubic foot

gal = gallon

gpm = gallons per minute

hr = hour

l = liter

m = meter

m<sup>3</sup> = cubic meter

min = minute

### Notes on using the chart

- To get the reverse of any conversion, divide 1.0 by the conversion factor. For example, the factor to convert "ft<sup>3</sup>/hr to gal/hr" is 7.4805, so the factor to convert "gal/hr to ft<sup>3</sup>/hr" is 1/7.4805 = 0.1337
- If you cannot find a particular conversion (suppose, for example "gpm to l/min"), try looking for the reverse conversion ("l/min to gpm"). If you find the reverse conversion, divide it into 1.0 to get the conversion you need.

MULTIPLY	BY	TO OBTAIN
ft <sup>3</sup> /hr	7.4805	gal/hr
ft <sup>3</sup> /hr	0.4719	l/min
ft <sup>3</sup> /min	0.0283	m <sup>3</sup> /min
ft <sup>3</sup> /min	7.4805	gpm
ft <sup>3</sup> /min	1699.0108	l/hr
ft <sup>3</sup> /min	28.3169	l/min
m <sup>3</sup> /min	35.3147	ft <sup>3</sup> /min
m <sup>3</sup> /min	264.1721	gpm
m <sup>3</sup> /min	1000.0	l/min
gal/hr	0.1337	ft <sup>3</sup> /hr
gal/hr	0.003785	m <sup>3</sup> /hr
gal/hr	3.7854	l/hr
gpm	8.0208	ft <sup>3</sup> /hr
gpm	0.1337	ft <sup>3</sup> /min
gpm	0.2271	m <sup>3</sup> /hr
gpm	0.003785	m <sup>3</sup> /min
gpm	227.1247	l/hr
gpm	3.7854	l/min
l/hr	0.0010	m <sup>3</sup> /hr
l/min	0.03531	ft <sup>3</sup> /min
l/min	0.2642	gpm