

Water Conversion Tables

UNITS OF PRESSURE

(Water at 68°F)

English Conversion

To Convert:	Multiply By:	To Obtain:
Inch Water	0.0833	Foot Water
	0.0736	Inch Mercury
	82.98	oz./square foot
	0.03602	psi
	5.1869	psf
Foot Water	12	Inch Water
	0.8832	Inch Mercury
	995.8	oz./sq. ft.
	0.4322	psi
	62.24	psf
Foot (any liquid)	0.4322 x sp gr	psi
Inch Mercury	13.57	Inch Water
	1.131	Foot Water
	1128	oz./square foot
	0.4894	psi
	70.47	ipsf
	0.03342	atm
atm	29.92	Inch Mercury
To Obtain	Divide By	To Convert

VOLUME FLOW RATES

English Conversion

To Convert:	Multiply By:	To Obtain:
gps	8.022	cfm
	481.3	cubic foot/hour
	60	gpm
	3,600	gallon/hour
gpm	0.00223	cfs
	0.1337	cfm
	8.022	cubic foot/hour
	0.01667	gps
	60	gallon/hour
	499.925	pound/hour
gallon/hour	0.0000371	cfs
	0.00223	cfm
	0.1337	cubic foot/hour
	0.0002778	gps
	0.01667	gpm
bbl/minute (oil)	42	gpm
bbl/day (oil)	0.0292	gpm
To Obtain	Divide By	To Convert