

Water Conversion Tables

Units of Pressure (water at 68°F)

English Conversion

To convert	Multiply by	To obtain
in. water	0.0833	ft. water
in. water	0.0736	in. mercury
in. water	82.98	oz./sq. ft.
in. water	0.03602	psi
in. water	5.1869	psf
ft. water	12	in. water
ft. water	0.8832	in. mercury
ft. water	995.8	oz./sq. ft.
ft. water	0.4322	psi
ft. water	62.24	psf
ft. (any liquid)	0.4322 x sp gr	psi
in. mercury	13.57	in. water
in mercury	1.131	ft. water
in. mercury	1128	oz./sq. ft.
in. mercury	0.4894	psi
in. mercury	70.47	ipsf
in. mercury	0.03342	atm
atm	29.92	in. mercury
To Obtain	Divide by	To

Volume Flow Rates

English Conversions

To convert	Multiply by	To obtain
gps	8.022	cfm
gps	481.3	cu. ft./hr.
gps	60	gpm
gps	3,600	gal/hr
gpm	0.00223	cfs
gpm	0.1337	cfm
gpm	8.022	cu. ft./hr.
gpm	0.01667	gps
gpm	60	gal/hr.
gpm	499.925	lb/hr.
gal/hr.	0.0000371	cfs
gal/hr.	0.00223	cfm
gal/hr.	0.1337	cu. ft./hr.
gal/hr.	0.0002778	gps
gal/hr.	0.01667	gpm
bbl/min. (oil)	42	gpm
bbl/day (oil)	0.0292	gpm
To obtain	Divide by	To convert