

Conversion Tables for Irrigation

Conversion Factors for Pump Calibration		
To convert from	To	Multiply by
Gallons/hour	Ounces/minute	2.13333
	Ounces/second	0.03556
	Milliliters/minute	63.0902
	Milliliters/second	1.0515
Ounces/minute	Gallons/hour	0.46875
Ounces/second		28.1250
Milliliters/minute		0.01585
Milliliters/second		0.95102

Liquid Flow Conversion Factors (U.S.)		
Given Value	Conversion Factor	Equivalent Value
Multiply >		
< Divide		
Volume (water)		
Gallon(s)	231.0	Cubic inches
	0.1337	Cubic feet
Cubic feet	1728.0	Cubic inches
	7.48	Gallons
Acre-feet	43,560.0	Cubic feet
	325,000.0	Gallons
	12.0	Acre-inches
Flow (water)		
Gallons per minute	0.00228	Cubic ft per second
	1,440.0	Gallons per day
	8.0208	Cubic ft per hour
	7.480	Gallons per second
Cubic ft per second	448.831	Gallons per minute
	646,316.883	Gallons per day
	0.992	Acre-inch per hour
	1.983	Acre-feet per day
Pressure (water)		
Feet of water	0.0295	Atmospheres
	0.4335	Pounds per square inch