



Capacity / Volumetric Flow

Compilation of technical data.
 PAI does not assume any responsibility.

When You Know	Symbol	Multiply By	To Find	When You Know	Symbol	Multiply By	To Find
(Liquid and Dry) CAPACITY				(Only for Liquids)			
Milliliter	ml	0.001*	L	Fluid Ounce US	fl oz	29.573 53 1.804 69	ml in ³
Centiliter	cl	0.01*	L	Fluid Ounce UK	fl oz	28.413 1.733 88	ml in ³
Deciliter	dl	0.1*	L	Liquid Pint US	liq pt	16.0* 0.473 176	fl oz L
Liter	L	1 000.0*	ml	Liquid Pint UK	liq pt	20.0* 0.568 261	fl oz L
		100.0*	cl	Liquid Quart US	liq qt	2.0* 0.946 353	liq pt L
		10.0*	dl	Liquid Quart UK	liq qt	2.0* 1.136 52	liq pt L
		0.001*	m ³	Gallon US	gal	4.0* 3.785 41	liq qt L
1.0*	dm ³	Gallon UK	gal	4.0* 4.546 09	liq qt L		
0.264 2	US gal	Barrel US	bbl	42.0* 158.99	gal L		
0.220 0	UK gal						
Dekaliter	dal	10.0*	L				
Hectoliter	hl	100.0*	L				
Kiloliter	kl	1 000.0* 1.0*	L m ³				

* An asterisk indicates the figure is exact.

1 fl oz, U.S. = 480 minis = 8 drams = 6 teaspoons
1 fl oz, U.S. = 2 tablespoons = 0.25 gill = 0.125 cup

Volumetric Rate of Flow Conversion

	Liters per second	Liters per minute	Liters per hour	m ³ per hour	U.S. Gallons per minute	U.S. Gallons per hour	Cubic feet per hour
Liters per second	1	60	3 600	3.60	15.85	951.04	127.1
Liters per minute	0.016 7	1	60	0.060	0.264	15.85	2.119
Liters per hour	0.000 28	0.016 7	1	0.001	0.004 4	0.264 2	0.035 3
m ³ per hour	0.277 8	16.67	1 000	1	4.403	264.18	35.31
U.S. Gallons per minute	0.063 09	3.785	227.1	0.227 1	1	60	8.021
Cubic feet per hour	0.007 9	0.472	28.32	0.028	0.124 7	7.480	1

NOTE: Parts Per Million = 1 gram per cubic meter or 0.001g per liter or 1 ppm = 1 mg/L