



CLASSIFIED LIST OF UNITS

To convert from	to	Multiply by
ACCELERATION		
ft/s ²	metre per second squared (m/s ²)	3.048 000*E-01
free fall, standard (g)	metre per second squared (m/s ²)	9.806 650*E+00
gal	metre per second squared (m/s ²)	1.000 000*E-02
in/s ²	metre per second squared (m/s ²)	2.540 000*E-02
ANGLE		
degree (angle)	radian (rad)	1.745 329 E-02
minute (angle)	radian (rad)	2.908 882 E-04
second (angle)	radian (rad)	4.848 137 E-06
AREA		
acre ¹⁴	square metre (m ²)	4.046 873 E+03
are	square metre (m ²)	1.000 000*E+02
bar	square metre (m ²)	1.000 000*E-28
circular mil	square metre (m ²)	5.067 075 E-10
darcy ¹⁷	square metre (m ²)	9.869 233 E-13
ft ²	square metre (m ²)	9.290 304*E-02
hectare	square metre (m ²)	1.000 000*E+04
in ²	square metre (m ²)	6.451 600*E-04
mi ² (international)	square metre (m ²)	2.589 988 E+06
mi ² (U.S. statute) ¹⁴	square metre (m ²)	2.589 998 E+06
yd ²	square metre (m ²)	8.361 274 E-01
BENDING MOMENT OR TORQUE (see 3.4.4)		
dyne·cm	newton metre (N·m)	1.000 000*E-07
kgf·m	newton metre (N·m)	9.806 650*E+00
ozf·in	newton metre (N·m)	7.061 552 E-03
lbf·in	newton metre (N·m)	1.129 848 E-01
lbf·ft	newton metre (N·m)	1.355 818 E+00
BENDING MOMENT OR TORQUE PER UNIT LENGTH		
lbf·ft/in	newton metre per metre (N·m/m)	5.337 866 E+01
lbf·in/in	newton metre per metre (N·m/m)	4.448 222 E+00
CAPACITY (See VOLUME)		
DENSITY (See MASS PER UNIT VOLUME)		
ELECTRICITY AND MAGNETISM²⁵		
abampere	ampere (A)	1.000 000*E+01
abcoulomb	coulomb (C)	1.000 000*E+01
abfarad	farad (F)	1.000 000*E+09
abhenry	henry (H)	1.000 000*E-09
abmho	siemens (S)	1.000 000*E+09
abohm	ohm (Ω)	1.000 000*E-09
abvolt	volt (V)	1.000 000*E-08
ampere hour	coulomb (C)	3.600 000*E+03
EMU of capacitance	farad (F)	1.000 000*E+09
EMU of current	ampere (A)	1.000 000*E+01
EMU of electric potential	volt (V)	1.000 000*E-08

²⁵ ESU means electrostatic cgs unit. EMU means electromagnetic cgs unit.



To convert from	to	Multiply by
EMU of inductance	henry (H)	1.000 000*E-09
EMU of resistance	ohm (Ω)	1.000 000*E-09
ESU of capacitance	farad (F)	1.112 650 E-12
ESU of current	ampere (A)	3.335 6 E-10
ESU of electric potential	volt (V)	2.997 9 E+02
ESU of inductance	henry (H)	8.987 554 E+11
ESU of resistance	ohm (Ω)	8.987 554 E+11
faraday (based on carbon-12)	coulomb (C)	9.648 70 E+04
faraday (chemical)	coulomb (C)	9.649 57 E+04
faraday (physical)	coulomb (C)	9.652 19 E+04
gamma	tesla (T)	1.000 000*E-09
gauss	tesla (T)	1.000 000*E-04
gilbert	ampere (A)	7.957 747 E-01
maxwell	weber (Wb)	1.000 000*E-08
mho	siemens (S)	1.000 000*E+00
oersted	ampere per metre (A/m)	7.957 747 E+01
ohm centimetre	ohm metre ($\Omega \cdot m$)	1.000 000*E-02
ohm circular-mil per foot	ohm metre ($\Omega \cdot m$)	1.662 426 E-09
statampere	ampere (A)	3.335 640 E-10
statcoulomb	coulomb (C)	3.335 640 E-10
statfarad	farad (F)	1.112 650 E-12
stathenry	henry (H)	8.987 554 E+11
statmho	siemens (S)	1.112 650 E-12
statohm	ohm (Ω)	8.987 554 E+11
statvolt	volt (V)	2.997 925 E+02
unit pole	weber (Wb)	1.256 637 E-07

ENERGY (Includes WORK)

British thermal unit (International Table) ¹⁵	joule (J)	1.055 056 E+03
British thermal unit (mean)	joule (J)	1.055 87 E+03
British thermal unit (thermochemical)	joule (J)	1.054 350 E+03
British thermal unit (39°F)	joule (J)	1.059 67 E+03
British thermal unit (59°F)	joule (J)	1.054 80 E+03
British thermal unit (60°F)	joule (J)	1.054 68 E+03
calorie (International Table)	joule (J)	4.186 800*E+00
calorie (mean)	joule (J)	4.190 02 E+00
calorie (thermochemical)	joule (J)	4.184 000*E+00
calorie (15°C)	joule (J)	4.185 80 E+00
calorie (20°C)	joule (J)	4.181 90 E+00
calorie (kilogram, International Table)	joule (J)	4.186 800*E+03
calorie (kilogram, mean)	joule (J)	4.190 02 E+03
calorie (kilogram, thermochemical)	joule (J)	4.184 000*E+03
electronvolt	joule (J)	1.602 19 E-19
erg	joule (J)	1.000 000*E-07
ft·lbf	joule (J)	1.355 818 E+00
ft-poundal	joule (J)	4.214 011 E-02
kilocalorie (International Table)	joule (J)	4.186 800*E+03
kilocalorie (mean)	joule (J)	4.190 02 E+03
kilocalorie (thermochemical)	joule (J)	4.184 000*E+03
kW·h	joule (J)	3.600 000*E+06
therm	joule (J)	1.055 056 E+08
ton (nuclear equivalent of TNT)	joule (J)	4.184 E+09 ²⁴
W·h	joule (J)	3.600 000*E+03
W·s	joule (J)	1.000 000*E+00

ENERGY PER UNIT AREA TIME

Btu (thermochemical)/(ft ² ·s)	watt per square metre (W/m ²)	1.134 893 E+04
Btu (thermochemical)/(ft ² ·min)	watt per square metre (W/m ²)	1.891 489 E+02
Btu (thermochemical)/(ft ² ·h)	watt per square metre (W/m ²)	3.152 481 E+00



To convert from	to	Multiply by
Btu (thermochemical)/(in ² ·s)	watt per square metre (W/m ²)	1.634 246 E+06
cal (thermochemical)/(cm ² ·min)	watt per square metre (W/m ²)	6.973 333 E+02
erg/(cm ² ·s)	watt per square metre (W/m ²)	1.000 000*E-03
W/cm ²	watt per square metre (W/m ²)	1.000 000*E+04
W/in ²	watt per square metre (W/m ²)	1.550 003 E+03

FLOW (See MASS PER UNIT TIME OF VOLUME PER UNIT TIME)

FORCE

dyne	newton (N)	1.000 000*E-05
kilogram-force	newton (N)	9.806 650*E+00
kilopond	newton (N)	9.806 650*E+00
kip (1000 lbf)	newton (N)	4.448 222 E+03
ounce-force	newton (N)	2.780 139 E-01
pound-force (lbf) ²³	newton (N)	4.448 222 E+00
lbf/lb (thrust/weight [mass] ratio)	newton per kilogram (N/kg)	9.806 650 E+00
poundal	newton (N)	1.382 550 E-01
ton-force (2000 lbf)	newton (N)	8.896 444 E+03

FORCE PER UNIT AREA (See PRESSURE)

FORCE PER UNIT LENGTH

lbf/ft	newton per metre (N/m)	1.459 390 E+01
lbf/in	newton per metre (N/m)	1.751 268 E+02

HEAT

Btu (International Table)·ft/(h·ft ² ·°F) (<i>k</i> , thermal conductivity)	watt per metre kelvin [(W/(m·K))]	1.730 735 E+00
Btu (thermochemical)·ft/(h·ft ² ·°F) (<i>k</i> , thermal conductivity)	watt per metre kelvin [(W/(m·K))]	1.729 577 E+00
Btu (International Table)·in/(h·ft ² ·°F) (<i>k</i> , thermal conductivity)	watt per metre kelvin [(W/(m·K))]	1.442 279 E-01
Btu (thermochemical)·in/(h·ft ² ·°F) (<i>k</i> , thermal conductivity)	watt per metre kelvin [(W/(m·K))]	1.441 314 E-01
Btu (International Table)·in/(s·ft ² ·°F) (<i>k</i> , thermal conductivity)	watt per metre kelvin [(W/(m·K))]	5.192 204 E+02
Btu (thermochemical)·in/(s·ft ² ·°F) (<i>k</i> , thermal conductivity)	watt per metre kelvin [(W/(m·K))]	5.188 732 E+02
Btu (International Table)/ft ²	joule per square metre (J/m ²)	1.135 653 E+04
Btu (thermochemical)/ft ²	joule per square metre (J/m ²)	1.134 893 E+04
Btu (International Table)/(h·ft ² ·°F) (<i>C</i> , thermal conductance) ¹⁶	watt per square metre kelvin [(W/(m ² ·K))]	5.678 263 E+00
Btu (thermochemical)/(h·ft ² ·°F) (<i>C</i> , thermal conductance) ¹⁶	watt per square metre kelvin [(W/(m ² ·K))]	5.674 466 E+00
Btu (International Table)/(s·ft ² ·°F)	watt per square metre kelvin [(W/(m ² ·K))]	2.044 175 E+04
Btu (thermochemical)/(s·ft ² ·°F)	watt per square metre kelvin [(W/(m ² ·K))]	2.042 808 E+04
Btu (International Table)/lb	joule per kilogram (J/kg)	2.326 000*E+03
Btu (thermochemical)/lb	joule per kilogram (J/kg)	2.324 444 E+03
Btu (International Table)/(lb·°F) (<i>c</i> , heat capacity)	joule per kilogram kelvin [(J/(kg·K))]	4.186 800*E+03
Btu (thermochemical)/(lb·°F) (<i>c</i> , heat capacity)	joule per kilogram kelvin [(J/(kg·K))]	4.184 000*E+03
Btu (International Table)/ft ³	joule per cubic metre (J/m ³)	3.725 895 E+04
Btu (thermochemical)/ft ³	joule per cubic metre (J/m ³)	3.723 402 E+04
cal (thermochemical)/(cm ² ·s·°C)	watt per metre kelvin [(W/(m·K))]	4.184 000*E+02
cal (thermochemical)/cm ²	joule per square metre (J/m ²)	4.184 000*E+04
cal (thermochemical)/(cm ² ·min)	watt per square metre (W/m ²)	6.973 333 E+02
cal (thermochemical)/(cm ² ·s)	watt per square metre (W/m ²)	4.184 000*E+04



To convert from	to	Multiply by
cal (International Table)/g	joule per kilogram (J/kg)	4.186 800*E+03
cal (thermochemical)/g	joule per kilogram (J/kg)	4.184 000*E+03
cal (International Table)/(g·°C)	joule per kilogram kelvin [(J/kg·K)]	4.186 800*E+03
cal (thermochemical)/(g·°C)	joule per kilogram kelvin [(J/(kg·K))]	4.184 000*E+03
cal (thermochemical)/min	watt (W)	6.973 333 E-02
cal (thermochemical)/s	watt (W)	4.184 000*E+00
clo	kelvin square metre per watt (K·m ² /W)	2.003 712 E-01
°F·h·ft ² /Btu (International Table) (<i>R</i> , thermal resistance) ¹⁸	kelvin square metre per watt (K·m ² /W)	1.761 102 E-01
°F·h·ft ² /Btu (thermochemical) (<i>R</i> , thermal resistance) ¹⁸	kelvin square metre per watt (K·m ² /W)	1.762 280 E-01
°F·h·ft ² /(Btu (International Table)·in) (thermal resistivity)	kelvin metre per watt (K·m/W)	6.933 471 E+00
°F·h·ft ² /(Btu (thermochemical)·in) (thermal resistivity)	kelvin metre per watt (K·m/W)	6.938 113 E+00
ft ² /h (thermal diffusivity)	square metre per second (m ² /s)	2.580 640*E-05

LENGTH

angstrom	metre (m)	1.000 000*E-10
astronomical unit	metre (m)	1.495 979 E+11
chain ¹⁴	metre (m)	2.011 684 E+01
fathom ¹⁴	metre (m)	1.828 804 E+00
fermi (femtometre)	metre (m)	1.000 000*E-15
foot	metre (m)	3.048 000*E-01
foot (U.S. survey) ¹⁴	metre (m)	3.048 006 E-01
inch	metre (m)	2.540 000*E-02
light year	metre (m)	9.460 55 E+15
micrometre	metre (m)	2.540 000*E-08
micron	metre (m)	1.000 000*E-06
mil	metre (m)	2.540 000*E-05
mile (international nautical)	metre (m)	1.852 000*E+03
mile (U.S. nautical)	metre (m)	1.852 000*E+03
mile (international)	metre (m)	1.609 344*E+03
mile (U.S. statute) ¹⁴	metre (m)	1.609 347 E+03
parsec	metre (m)	3.085 678 E+16
pica (printer's)	metre (m)	4.217 518 E-03
point (printer's)	metre (m)	3.514 598*E-04
rod ¹⁴	metre (m)	5.029 210 E+00
yard	metre (m)	9.144 000*E-01

LIGHT

cd/in ²	candela per square metre (cd/m ²)	1.550 003 E+03
footcandle	lux (lx)	1.076 391 E+01
footlambert	candela per square metre (cd/m ²)	3.426 259 E+00
lambert	candela per square metre (cd/m ²)	3.183 099 E+03

MASS

carat (metric)	kilogram (kg)	2.000 000*E-04
grain	kilogram (kg)	6.479 891*E-05
gram	kilogram (kg)	1.000 000*E-03
hundredweight (long)	kilogram (kg)	5.080 235 E+01
hundredweight (short)	kilogram (kg)	4.535 924 E+01
kgf·s ² /m (mass)	kilogram (kg)	9.806 650*E+00
ounce (avoirdupois)	kilogram (kg)	2.834 952 E-02
ounce (troy or apothecary)	kilogram (kg)	3.110 348 E-02
pennyweight	kilogram (kg)	1.555 174 E-03
pound (lb avoirdupois) ²²	kilogram (kg)	4.535 924 E-01
pound (troy or apothecary)	kilogram (kg)	3.732 417 E-01



To convert from	to	Multiply by
slug	kilogram (kg)	1.459 390 E+01
ton (assay)	kilogram (kg)	2.916 667 E-02
ton (long, 2240 lb)	kilogram (kg)	1.016 047 E+03
ton (metric)	kilogram (kg)	1.000 000*E+03
ton (short, 2000 lb)	kilogram (kg)	9.071 847 E+02
tonne	kilogram (kg)	1.000 000*E+03

MASS PER UNIT AREA

oz/ft ²	kilogram per square metre (kg/m ²)	3.051 517 E-01
oz/yd ²	kilogram per square metre (kg/m ²)	3.390 575 E-02
lb/ft ²	kilogram per square metre (kg/m ²)	4.882 428 E+00

MASS PER UNIT CAPACITY (See MASS PER UNIT VOLUME)

MASS PER UNIT LENGTH

denier	kilogram per metre (kg/m)	1.111 111 E-07
lb/ft	kilogram per metre (kg/m)	1.488 164 E+00
lb/in	kilogram per metre (kg/m)	1.785 797 E+01
tex	kilogram per metre (kg/m)	1.000 000*E-06

MASS PER UNIT TIME (Includes FLOW)

perm (0°C)	kilogram per pascal second square metre [kg/(Pa·s·m ²)]	5.721 35 E-11
perm (23°C)	kilogram per pascal second square metre [kg/(Pa·s·m ²)]	5.745 25 E-11
perm·in (0°C)	kilogram per pascal second metre [kg/(Pa·s·m)]	1.453 22 E-12
perm·in (23°C)	kilogram per pascal second metre [kg/(Pa·s·m)]	1.459 29 E-12
lb/h	kilogram per second (kg/s)	1.259 979 E-04
lb/min	kilogram per second (kg/s)	7.559 873 E-03
lb/s	kilogram per second (kg/s)	4.535 924 E-01
lb/(hp·h) (SFC, specific fuel consumption)	kilogram per joule (kg/J)	1.689 659 E-07
ton (short)/h	kilogram per second (kg/s)	2.519 958 E-01

MASS PER UNIT VOLUME (Includes DENSITY and MASS CAPACITY)

grain/gal (U.S. liquid)	kilogram per cubic metre (kg/m ³)	1.711 806 E-02
g/cm ³	kilogram per cubic metre (kg/m ³)	1.000 000*E+03
oz (avoirdupois)/gal (U.K. liquid)	kilogram per cubic metre (kg/m ³)	6.236 021 E+00
oz (avoirdupois)/gal (U.S. liquid)	kilogram per cubic metre (kg/m ³)	7.489 152 E+00
oz (avoirdupois)/in ³	kilogram per cubic metre (kg/m ³)	1.729 994 E+03
lb/ft ³	kilogram per cubic metre (kg/m ³)	1.601 846 E+01
lb/in ³	kilogram per cubic metre (kg/m ³)	2.767 990 E+04
lb/gal (U.K. liquid)	kilogram per cubic metre (kg/m ³)	9.977 633 E+01
lb/gal (U.S. liquid)	kilogram per cubic metre (kg/m ³)	1.198 264 E+02
lb/yd ³	kilogram per cubic metre (kg/m ³)	5.932 764 E-01
slug/ft ³	kilogram per cubic metre (kg/m ³)	5.153 788 E+02
ton (long)/yd ³	kilogram per cubic metre (kg/m ³)	1.328 939 E+03
ton (short)/yd ³	kilogram per cubic metre (kg/m ³)	1.186 553 E+03

POWER

Btu (International Table)/h	watt (W)	2.930 711 E-01
Btu (International Table)/s	watt (W)	1.055 056 E+03



To convert from	to	Multiply by
Btu (thermochemical)/h	watt (W)	2.928 751 E-01
Btu (thermochemical)/min	watt (W)	1.757 250 E+01
Btu (thermochemical)/s	watt (W)	1.054 350 E+03
cal (thermochemical)/min	watt (W)	6.973 333 E-02
cal (thermochemical)/s	watt (W)	4.184 000*E+00
erg/s	watt (W)	1.000 000*E-07
ft·lbf/h	watt (W)	3.766 161 E-04
ft·lbf/min	watt (W)	2.259 697 E-02
ft·lbf/s	watt (W)	1.355 818 E+00
horsepower (550 ft·lbf/s)	watt (W)	7.456 999 E+02
horsepower (boiler)	watt (W)	9.809 50 E+03
horsepower (electric)	watt (W)	7.460 000*E+02
horsepower (metric)	watt (W)	7.354 99 E+02
horsepower (water)	watt (W)	7.460 43 E+02
horsepower (U.K.)	watt (W)	7.457 0 E+02
kilocalorie (thermochemical)/min	watt (W)	6.973 333 E+01
kilocalorie (thermochemical)/s	watt (W)	4.184 000*E+03
ton (refrigeration)	watt (W)	3.516 800 E+03

PRESSURE OR STRESS (FORCE PER UNIT AREA)

atmosphere (standard)	pascal (Pa)	1.013 250*E+05
atmosphere (technical = 1 kgf/cm ²)	pascal (Pa)	9.806 650*E+04
bar	pascal (Pa)	1.000 000*E+05
centimetre of mercury (0°C)	pascal (Pa)	1.333 22 E+03
centimetre of water (4°C)	pascal (Pa)	9.806 38 E+01
dyne/cm ²	pascal (Pa)	1.000 000*E-01
foot of water (39.2°F)	pascal (Pa)	2.988 98 E+03
gf/cm ²	pascal (Pa)	9.806 650*E+01
inch of mercury (32°F)	pascal (Pa)	3.386 38 E+03
inch of mercury (60°F)	pascal (Pa)	3.376 85 E+03
inch of water (39.2°F)	pascal (Pa)	2.490 82 E+02
inch of water (60°F)	pascal (Pa)	2.488 4 E+02
kgf/cm ²	pascal (Pa)	9.806 650*E+04
kgf/m ²	pascal (Pa)	9.806 650*E+00
kgf/mm ²	pascal (Pa)	9.806 650*E+06
kip/in ² (ksi)	pascal (Pa)	6.894 757 E+06
millibar	pascal (Pa)	1.000 000*E+02
millimetre of mercury (0°C)	pascal (Pa)	1.333 22 E+02
poundal/ft ²	pascal (Pa)	1.488 164 E+00
lbf/ft ²	pascal (Pa)	4.788 026 E+01
lbf/in ² (psi)	pascal (Pa)	6.894 757 E+03
psi	pascal (Pa)	6.894 757 E+03
torr (mmHg, 0°C)	pascal (Pa)	1.333 22 E+02

SPEED (See VELOCITY)

STRESS (See PRESSURE)

TEMPERATURE

degree Celsius	kelvin (K)	$T_K = t_{°C} + 273.15$
degree Fahrenheit	degree Celsius	$t_{°C} = (t_{°F} - 32)/1.8$
degree Fahrenheit	kelvin (K)	$T_K = (t_{°F} + 459.67)/1.8$
degree Rankine	kelvin (K)	$T_K = T_{°R}/1.8$
kelvin	degree Celsius	$t_{°C} = T_K - 273.15$

TIME

day	second (s)	8.640 000*E+04
day (sidereal)	second (s)	8.616 409 E+04
hour	second (s)	3.600 000*E+03



To convert from	to	Multiply by
hour (sidereal)	second (s)	3.590 170 E+03
minute	second (s)	6.000 000*E+01
minute (sidereal)	second (s)	5.983 617 E+01
second (sidereal)	second (s)	9.972 696 E-01
year (365 days)	second (s)	3.153 600*E+07
year (sidereal)	second (s)	3.155 815 E+07
year (tropical)	second (s)	3.155 693 E+07

TORQUE (See BENDING MOMENT)

VELOCITY (Includes SPEED)

ft/h	metre per second (m/s)	8.466 667 E-05
ft/min	metre per second (m/s)	5.080 000*E-03
ft/s	metre per second (m/s)	3.048 000*E-01
in/s	metre per second (m/s)	2.540 000*E-02
km/h	metre per second (m/s)	2.777 778 E-01
knot (international)	metre per second (m/s)	5.144 444 E-01
mi/h (international)	metre per second (m/s)	4.470 400*E-01
mi/min (international)	metre per second (m/s)	2.682 240*E+01
mi/s (international)	metre per second (m/s)	1.609 344*E+03
mi/h (international)	kilometre per hour (km/h) ²⁶	1.609 344*E+00

VISCOSITY

centipoise	pascal second (Pa·s)	1.000 000*E-03
centistokes	square metre per second (m ² /s)	1.000 000*E-06
ft ² /s	square metre per second (m ² /s)	9.290 304*E-02
poise	pascal second (Pa·s)	1.000 000*E-01
poundal·s/ft ²	pascal second (Pa·s)	1.488 164 E+00
lb/(ft·h)	pascal second (Pa·s)	4.133 789 E-04
lb/(ft·s)	pascal second (Pa·s)	1.488 164 E+00
lbf·s/ft ²	pascal second (Pa·s)	4.788 026 E+01
lbf·s/in ²	pascal second (Pa·s)	6.894 757 E+03
rhe	l per pascal second [(1/(Pa·s))]	1.000 000*E+01
slug/(ft·s)	pascal second (Pa·s)	4.788 026 E+01
stokes	square metre per second (m ² /s)	1.000 000*E-04

VOLUME (Includes CAPACITY)

acre-foot ¹⁴	cubic metre (m ³)	1.233 489 E+03
barrel (oil, 42 gal)	cubic metre (m ³)	1.589 873 E-01
board foot	cubic metre (m ³)	2.359 737 E-03
bushel (U.S.)	cubic metre (m ³)	3.523 907 E-02
cup	cubic metre (m ³)	2.365 882 E-04
fluid ounce (U.S.)	cubic metre (m ³)	2.957 353 E-05
ft ³	cubic metre (m ³)	2.831 685 E-02
gallon (Canadian liquid)	cubic metre (m ³)	4.546 090 E-03
gallon (U.K. liquid)	cubic metre (m ³)	4.546 092 E-03
gallon (U.S. dry)	cubic metre (m ³)	4.404 884 E-03
gallon (U.S. liquid)	cubic metre (m ³)	3.785 412 E-03
gill (U.K.)	cubic metre (m ³)	1.420 654 E-04
gill (U.S.)	cubic metre (m ³)	1.182 941 E-04
in ³ [see footnote 20]	cubic metre (m ³)	1.638 706 E-05
litre [see footnote 21]	cubic metre (m ³)	1.000 000*E-03
ounce (U.K. fluid)	cubic metre (m ³)	2.841 307 E-05
ounce (U.S. fluid)	cubic metre (m ³)	2.957 353 E-05
peck (U.S.)	cubic metre (m ³)	8.809 768 E-03
pint (U.S. dry)	cubic metre (m ³)	5.506 105 E-04
pint (U.S. liquid)	cubic metre (m ³)	4.731 765 E-04

²⁶ Although speedometers may read km/h, the SI unit is m/s.



To convert from	to	Multiply by
quart (U.S. dry)	cubic metre (m ³)	1.101 221 E-03
quart (U.S. liquid)	cubic metre (m ³)	9.463 529 E-04
stere	cubic metre (m ³)	1.000 000*E+00
tablespoon	cubic metre (m ³)	1.478 676 E-05
teaspoon	cubic metre (m ³)	4.928 922 E-06
ton (register)	cubic metre (m ³)	2.831 685 E+00
yd ³	cubic metre (m ³)	7.645 549 E-01

VOLUME PER UNIT TIME (Includes Flow)

ft ³ /min	cubic metre per second (m ³ /s)	4.719 474 E-04
ft ³ /s	cubic metre per second (m ³ /s)	2.831 685 E-02
gallon (U.S. liquid)/(hp·h)(SFC, specific fuel consumption)	cubic metre per joule (m ³ /J)	1.410 089 E-09
in ³ /min	cubic metre per second (m ³ /s)	2.731 177 E-07
yd ³ /min	cubic metre per second (m ³ /s)	1.274 258 E-02
gallon (U.S. liquid) per day	cubic metre per second (m ³ /s)	4.381 264 E-08
gallon (U.S. liquid) per minute	cubic metre per second (m ³ /s)	6.309 020 E-05

WORK (See ENERGY)