



## Unit Conversions -Flow

Multiply units in left column by proper factor below.

Units of Flow	MMSCFD	Sm <sup>3</sup> /hr	Nm <sup>3</sup> /hr
1 MMSCFD @14.7 psia & 60oF	1	1179.87	1116.28
1 Sm <sup>3</sup> /hr @1.0135 BarA & 15oC	0.0008476	1	0.9461
1 Nm <sup>3</sup> /hr @1.0135 BarA & 0oC	0.0008958	1.0569	1

Flow Units: CFM -Cubic feet per minute.

ACFM -Actual cubic feet per minute (pressure and temperature condition must also be stated)

ICFM -Inlet cubic feet per minute based upon the inlet pressure and temperature at the cylinder flange.

SCFM -Standard cubic feet per minute is gas flow measured at standard conditions (14.7 psia & 60 °F).

MMSCFD -Million standard cubic feet per day is million cubic feet of gas per day measured at standard conditions (14.7 psia & 60 °F). (not to be confused with MSCFD, 1000 SCFD)

Sm<sup>3</sup>/hr -Standard cubic meters per hour, measured at standard metric conditions( 1 Atm & 15 °C). Used primarily in Canada, South America, and New Zealand

Nm<sup>3</sup>/hr -Normal cubic meters per hour, measured at normal metric conditions (1 Atm & 0 °C). Used primarily in Europe.