



## Flow Units Conversion Table

Units To Convert From	English System Units To Convert To					Metric System Units To Convert To				
	Reference Conditions: 77°F & 14.4 PSIA					Reference Conditions: 0°C & 101.325 kPa				
	SFPM	SCFM	SCFH	PPM	PPH	NMPS	NLPM	NCMH	KGM	KGH
Reference Conditions: 77°F & 14.4 PSIA	Multiply By					Multiply By				
SFPM	-	-	-	-	-	0.004654	N/A	N/A	N/A	N/A
SCFM	-	-	-	-	-	N/A	25.9483	1.5569	0.03348	2.0091
SCFH	-	-	-	-	-	N/A	0.43247	25.9483	0.000558	0.03348
PPM	-	-	-	-	-	N/A	351.5079	21.0905	0.4536	27.216
PPH	-	-	-	-	-	N/A	5.85835	0.35151	0.00756	0.4536
Reference Conditions: 0°C & 760 mmHg										
NMPS	214.8689	N/A	N/A	N/A	N/A	-	-	-	-	-
NLPM	N/A	0.03854	2.3123	0.00284	0.1707	-	-	-	-	-
NCMH	N/A	0.64230	38.549	0.04742	2.84487	-	-	-	-	-
KGM	N/A	29.8686	1792.115	2.20459	132.2751	-	-	-	-	-
KGH	N/A	0.49773	29.8686	0.03674	2.20459	-	-	-	-	-

**Key:**

- PSIA** – Pound Per Square Inch Absolute
- SFPM** – Standard Feet Per Minute
- SCFM** – Standard Cubic Feet Per Minute
- SCFH** – Standard Cubic Feet Per Hour
- PPM** – Pound Per Minute (Air)
- PPH** – Pound Per Hour (Air)

- kPa** – Kilopascal
- NMPS** – Normal Meter Per Second
- NLPM** – Normal Liter Per Minute
- NCMH** – Normal Cubic Meters Per Hour
- KGM** – Kilogram Per Minute (Air)
- KGH** – Kilogram Per Hour (Air)

**Example:** Convert 100 SCFM to NCMH units.  
From the **Units To Convert From** column, select the **SCFM** row. Use the NCMH conversion number (1.5569) to calculate the NCMH value. In this example, NCMH = 100 x 1.5569 = 155.69 NCMH.