

Halocarbon-23

(Trifluoromethane)



Transportation Information



UN Number: 1984

Shipping Name	Trifluoromethane	Trifluoromethane	Trifluoromethane
Hazard Class	2.2	2.2	2.2
Label	Nonflammable Gas	Nonflammable Gas	Nonflammable Gas

M(SDS) Reference

P-4668

CAS Number

75 - 46 - 7

General Description

Colorless, nonflammable, liquefied gas with a slight ethereal odor.

Product/Grade	Purity	Part Number	Cylinder	N ₂	O ₂	CO ₂	H ₂ O	Other Halocarbons	Acidity
Semiconductor, 5.0	99.999%	HA 235.0SP	K, G	6	2	2	1	1	1 ppm/wt
Semiconductor, 4.0	99.99%	HA 234.0SP	K, G	60	20	20	10	10	1 ppm/wt
Semiconductor, 2.0	99.0%	HA 232.0SP	K, G	5000 (Air)		-	10	1000	1 ppm/wt

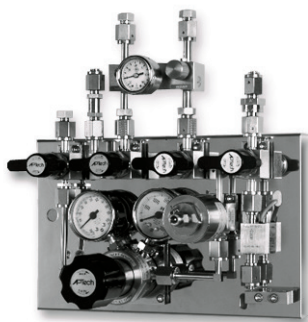
Concentrations given are ppm by volume unless otherwise specified. Maximum ppm unless otherwise noted.

Cylinders

Cylinder Type	Style	Size in (cm)	Connection CGA/DISS	Pressure psig (bar)	Volume lb (kg)	Gross Weight lb (kg)
K	High Pressure Steel	51 x 9 (129.5 x 22.9)	660/716	635 (43.78)	70 (31.8)	205 (93)
G	High Pressure Steel	20 x 6 (50.8 x 15.2)	660/716	635 (43.78)	12 (5.4)	41 (18.6)

Equipment Recommendations

Semiconductor, 5.0	Valve panels
Semiconductor, 4.0	Valve panels
Semiconductor, 2.0	7000 and 4000 series regulators



WP5M Manual Process Panel for Hazardous Gas Service (see page E•307)



See Section D for additional information on Praxair's Semiconductor product line (pages D•143 - D•148).

Praxair, your source for technical support.