



Halocarbon 22

Chlorodifluoromethane

| Equipment Recommendations | Model No. | Page No. |
|---|------------------|----------|
| Single Stage Regulator | Series 3530-CGA* | 306 |
| Mini High Purity Regulator | Series 3550-180 | 307 |
| Low Dead Volume Regulator (for Concentrations < 50ppm) | Series 3590-CGA* | 308 |

| Balance Gas | Concentration Range | Matheson Mixtures Grades | | | | | | Cylinder Size | CGA* | Contents | | Pressure | | Approximate Ship Weight | | |
|-------------|---------------------|--------------------------|----|---|----|---|---|---------------|------|----------------------|----------------------|---------------------|--------|-------------------------|----|----|
| | | MR | P+ | P | C+ | C | U | | | G | US | Metric | psig | kPa | lb | kg |
| Air | 1 ppm - 3 % | | | • | • | • | | | 1R | 590 | 120 ft ³ | 3.40 m ³ | 2,000 | 13,790 | 70 | 32 |
| | | | | | | | | | 2R | 590 | 65 ft ³ | 1.84 m ³ | 2,000 | 13,790 | 48 | 22 |
| | | | | | | | | | 3R | 590 | 25 ft ³ | 0.71 m ³ | 2,000 | 13,790 | 24 | 11 |
| | | | | | | | | | 6R | 180 | 3.71 ft ³ | 105 L | 1,800 | 12,411 | 2 | 1 |
| Nitrogen | 100 ppb - 10 ppm | | | | • | • | | | 1I | 350 | 120 ft ³ | 3.40 m ³ | 2,000 | 13,790 | 70 | 32 |
| | | | | | | | | | 2I | 350 | 65 ft ³ | 1.84 m ³ | 2,000 | 13,790 | 48 | 22 |
| | | | | | | | | | 3I | 350 | 25 ft ³ | 0.71 m ³ | 2,000 | 13,790 | 24 | 11 |
| | | | | | | | | | 6I | 180 | 3.71 ft ³ | 105 L | 1,800 | 12,411 | 2 | 1 |
| | 10 ppm - 3 % | | • | • | • | • | | | 1R | 350 | 120 ft ³ | 3.40 m ³ | 2,000 | 13,790 | 70 | 32 |
| | | | | | | | | | 2R | 350 | 65 ft ³ | 1.84 m ³ | 2,000 | 13,790 | 48 | 22 |
| | | | | | | | | 3R | 350 | 25 ft ³ | 0.71 m ³ | 2,000 | 13,790 | 24 | 11 | |
| | | | | | | | | 6R | 180 | 3.71 ft ³ | 105 L | 1,800 | 12,411 | 2 | 1 | |

Contents and pressure may vary with concentration and ambient temperature.

Key for Matheson Mixtures Grades:

MR = Matheson Reference Standard
P+ = Primary Plus Standard

P = Primary Standard
C+ = Certified Plus Standard

C = Certified Standard
U = Unanalyzed Standard

G = Gravimetric Standard

For more information on Matheson Mixture Grades, please refer to pages 68 - 70.