



Halocarbon C318

Octafluorocyclobutane

| Equipment Recommendations | Model No. | Page No. |
|---|------------------|----------|
| Single Stage Regulator | Series 3530-CGA* | 313 |
| Mini High Purity Regulator | Series 3550-180 | 314 |
| Low Dead Volume Regulator (for Concentrations < 50ppm) | Series 3590-CGA* | 315 |

| Balance Gas | Concentration Range | Matheson Mixtures Grades | | | | | | Cylinder Size | CGA* | Contents | | Pressure | | Approximate Ship Weight | |
|-------------|---------------------|--------------------------|---|----|---|---|---|---------------|------|----------------------|---------------------|----------|--------|-------------------------|----|
| | | MR | P | C+ | C | U | G | | | US | Metric | psig | kPa | lb | kg |
| Air | 10 ppm - 1 % | | • | • | • | | • | 1R | 590 | 145 ft ³ | 4.11 m ³ | 2,000 | 13,790 | 70 | 32 |
| | | | | | | | | 2R | 590 | 78 ft ³ | 2.21 m ³ | 2,000 | 13,790 | 48 | 22 |
| | | | | | | | | 3R | 590 | 29 ft ³ | 0.82 m ³ | 2,000 | 13,790 | 24 | 11 |
| | | | | | | | | 6R | 180 | 3.73 ft ³ | 106 L | 1,800 | 12,411 | 2 | 1 |
| Nitrogen | 100 ppb - 10 ppm | | | | • | • | | 1I | 580 | 143 ft ³ | 4.05 m ³ | 2,000 | 13,790 | 70 | 32 |
| | | | | | | | | 2I | 580 | 77 ft ³ | 2.18 m ³ | 2,000 | 13,790 | 48 | 22 |
| | | | | | | | | 3I | 580 | 29 ft ³ | 0.82 m ³ | 2,000 | 13,790 | 24 | 11 |
| | | | | | | | | 6I | 180 | 3.69 ft ³ | 104 L | 1,800 | 12,411 | 2 | 1 |
| | 10 ppm - 1 % | | • | • | • | | • | 1R | 350 | 143 ft ³ | 4.05 m ³ | 2,000 | 13,790 | 70 | 32 |
| | | | | | | | | 2R | 350 | 77 ft ³ | 2.18 m ³ | 2,000 | 13,790 | 48 | 22 |
| | | | | | | | | 3R | 350 | 29 ft ³ | 0.82 m ³ | 2,000 | 13,790 | 24 | 11 |
| | | | | | | | | 6R | 180 | 3.69 ft ³ | 104 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 C+ = Certified Plus Standard U = Unanalyzed Standard
 P = Primary Standard C = Certified Standard G = Gravimetric Standard

For more information on Matheson Mixture Grades, please refer to pages 66 - 68.