



# Perfluoropropane

| Equipment Recommendations                                 | Model No.               | Page No. |
|---|-------------------------|----------|
| Single Stage Regulator                                    | <b>Series 3530-CGA*</b> | 313      |
| Mini High Purity Regulator                                | <b>Series 3550-180</b>  | 314      |
| Low Dead Volume Regulator<br>(for Concentrations < 50ppm) | <b>Series 3590-CGA*</b> | 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 - 1000 ppm   |                          | • | •  | • |   | • | 1R            | 590  | 145 ft <sup>3</sup>  | 4.11 m <sup>3</sup> | 2,000    | 13,790 | 70                      | 32 |
|             |                     |                          |   |    |   |   |   | 2R            | 590  | 78 ft <sup>3</sup>   | 2.21 m <sup>3</sup> | 2,000    | 13,790 | 48                      | 22 |
|             |                     |                          |   |    |   |   |   | 3R            | 590  | 29 ft <sup>3</sup>   | 0.82 m <sup>3</sup> | 2,000    | 13,790 | 24                      | 11 |
|             |                     |                          |   |    |   |   |   | 6R            | 180  | 3.73 ft <sup>3</sup> | 106 L               | 1,800    | 12,411 | 2                       | 1  |
| Nitrogen    | 100 ppb - 10 ppm    |                          |   | •  | • |   |   | 1I            | 350  | 143 ft <sup>3</sup>  | 4.05 m <sup>3</sup> | 2,000    | 13,790 | 70                      | 32 |
|             |                     |                          |   |    |   |   |   | 2I            | 350  | 77 ft <sup>3</sup>   | 2.18 m <sup>3</sup> | 2,000    | 13,790 | 48                      | 22 |
|             |                     |                          |   |    |   |   |   | 3I            | 350  | 29 ft <sup>3</sup>   | 0.82 m <sup>3</sup> | 2,000    | 13,790 | 24                      | 11 |
|             |                     |                          |   |    |   |   |   | 6I            | 180  | 3.69 ft <sup>3</sup> | 104 L               | 1,800    | 12,411 | 2                       | 1  |
|             | 10 ppm - 1000 ppm   |                          | • | •  | • |   | • | 1R            | 350  | 143 ft <sup>3</sup>  | 4.05 m <sup>3</sup> | 2,000    | 13,790 | 70                      | 32 |
|             |                     |                          |   |    |   |   |   | 2R            | 350  | 77 ft <sup>3</sup>   | 2.18 m <sup>3</sup> | 2,000    | 13,790 | 48                      | 22 |
|             |                     |                          |   |    |   |   |   | 3R            | 350  | 29 ft <sup>3</sup>   | 0.82 m <sup>3</sup> | 2,000    | 13,790 | 24                      | 11 |
|             |                     |                          |   |    |   |   |   | 6R            | 180  | 3.69 ft <sup>3</sup> | 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.