

## GAS FOR SPECIAL APPLICATION

### STERILIZING GAS MIXTURES

These gas mixtures are used where the item to be sterilized cannot withstand the rigors of other methods. Sun Air will continue to supply Ethylene Oxide based sterilants as dichlorofluoromethane production is phased out under Montreal Protocol. Replacement with other suitable compounds will assure an effective and reliable supply of sterilant mixtures.

COMPONENTS	CYLINDER SIZE	CONTENT	CGA CONN.
12% Ethylene Oxide Balance Dichlorofluoromethane (R12)	LP 239	140 lbs	510
8.6% Ethylene Oxide Balance Chlorotetrafluoroethane (R124)	LP 239	140 lbs	510
10%-20% Ethylene Oxide Balance Carbon Dioxide	LP 239	140 lbs	350

### BIOLOGICAL ATMOSPHERE GAS MIXTURE

These mixtures are used to control the atmosphere for the growth of biological cultures containing anaerobic or aerobic bacteria. Anaerobic micro-organisms thrive when deprived of oxygen. All anaerobic mixtures contain less than 10 ppm of oxygen and, in addition, oxygen free grades of pure gases are also available.

COMPONENTS	CYLINDER SIZE	CONTENT / CU. FT.	PRESSURE PSIG	CGA CONN.
ANAEROBIC GROWTH MIXTURE 3% Hydrogen Balance Carbon Dioxide	044 016	100 90	600 600	350
ANAEROBIC GROWTH MIXTURE 0.5%-10% Carbon Dioxide Balance Nitrogen	044 016	210 83	2000 2000	580
ANAEROBIC GROWTH MIXTURE 0.5%-10% Carbon Dioxide, 0.5%-10% Hydrogen Balance Nitrogen	044 016	210 83	2000 2000	350
AEROBIC GROWTH MIXTURE 0.5%-10% Carbon Dioxide Balance Oxygen	044 016	210 83	2000 2000	590
AEROBIC GROWTH MIXTURE 0.5%-10% Carbon Dioxide Balance Air	044 016	210 83	2000 2000	590