

CERTIFIED CALIBRATION GAS

AND ACCESSORIES



AVAILABLE GASES

Ammonia	Chlorine	Isobutylene	Nitrogen	Propane	R22	R410A	R448A	R514A
Carbon Dioxide	Hydrogen	Methane	Nitrogen Dioxide	R123A	R404A	R422D	R449A	Sulfur Dioxide
Carbon Monoxide	Hydrogen Sulfide	Multi-Gas Mixes	Oxygen	R134A	R407A	R438A	R507A	Zero Air

Calibration Kits (CALIBRATION GAS NOT INCLUDED)

Cal Kit 17L	Includes 17L Regulator (0.8 lpm), 3ft hose, calibration cups for all CTI sensors, and carrying case
Cal Kit 34L	Includes 34L Regulator (0.8 lpm), 3ft hose, calibration cups for all CTI sensors, and carrying case
Cal Kit Combo	Includes 17L and 34L Regulators (0.8 lpm), 3ft hose (X2), calibration cups for all CTI sensors (X2), and carrying case
Cal Kit DF-17L	Includes 17L Demand Flow Regulator, 3ft hose, and carrying case
Cal Kit DF-34L	Includes 34L Demand Flow Regulator, 3ft hose, and carrying case

Regulators

CK-REG-17L	17L Regulator (0.8 lpm), CGA 600 threads, 300 PSI pressure gauge; Includes 3ft hose & calibration cups
CK-REG-17L-0.3	17L Regulator (0.3 lpm), CGA 600 threads, 300 PSI pressure gauge; Includes 3ft hose & calibration cups
CK-REG-17L-0.5	17L Regulator (0.5 lpm), CGA 600 threads, 300 PSI pressure gauge; Includes 3ft hose & calibration cups
CK-REG-34L	34L Regulator (0.8 lpm), C10 threads, 600 PSI pressure gauge; Includes 3ft hose & calibration cups
CK-REG-34L-0.3	34L Regulator (0.3 lpm), C10 threads, 600 PSI pressure gauge; Includes 3ft hose & calibration cups
CK-REG-34L-0.5	34L Regulator (0.5 lpm), C10 threads, 600 PSI pressure gauge; Includes 3ft hose & calibration cups
CK-REG-DF17L	17L Demand Flow Regulator, CGA 600 threads; Includes 3ft hose
CK-REG-DF34L	34L Demand Flow Regulator, C10 threads; Includes 3ft hose

Other Accessories

CK-CUPSET	Calibration Cups for CTI sensors & other popular sizes
CK-CUP & HOSE	Calibration Cups for all CTI sensors and 3ft hose
CK-CASE	Carrying Case only
Calibration Tubing	Calibration hose sold per foot (50ft max)

Notes

- The recommended flowrate for all CTI sensors is 0.8 lpm.
- Demand Flow Regulators are used for portable detectors utilizing a pump.
- 17L bottles will calibrate 7-10 CTI sensors.
- 34L bottles will calibrate 15-20 CTI sensors.

See [Calibration Gas Recommendations document](#) to select the correct calibration gas for CTI detectors

CERTIFIED CALIBRATION GAS

NIST CERTIFIED AND TRACEABLE

GAS	CYLINDER	CONCENTRATION	ITEM #
<u>AMMONIA (NH3)</u>	17 Liter / 250 PSI CGA 600 Valve	10 PPM NH3 / BAL AIR	RB17L-NH3/10
		25 PPM NH3 / BAL AIR	RB17L-NH3/25
		30 PPM NH3 / BAL AIR	RB17L-NH3/30
		35 PPM NH3 / BAL AIR	RB17L-NH3/35
		50 PPM NH3 / BAL AIR	RB17L-NH3/50
		75 PPM NH3 / BAL AIR	RB17L-NH3/75
		100 PPM NH3 / BAL AIR	RB17L-NH3/100
		125 PPM NH3 / BAL AIR	RB17L-NH3/125
		150 PPM NH3 / BAL AIR	RB17L-NH3/150
		200 PPM NH3 / BAL AIR	RB17L-NH3/200
		250 PPM NH3 / BAL AIR	RB17L-NH3/250
		300 PPM NH3 / BAL AIR	RB17L-NH3/300
		500 PPM NH3 / BAL AIR	RB17L-NH3/500
		1,000 PPM NH3 / BAL AIR	RB17L-NH3/1000
		5,000 PPM NH3 / BAL AIR	RB17L-NH3/5000
		10,000 PPM (1%) NH3 / BAL AIR	RB17L-NH3/1%
		20,000 PPM (2%) NH3 / BAL AIR	RB17L-NH3/2%
	34 Liter / 500 PSI C10 Valve	10 PPM NH3 / BAL AIR	RB34L-NH3/10
		25 PPM NH3 / BAL AIR	RB34L-NH3/25
		35 PPM NH3 / BAL AIR	RB34L-NH3/35
		50 PPM NH3 / BAL AIR	RB34L-NH3/50
		75 PPM NH3 / BAL AIR	RB34L-NH3/75
		100 PPM NH3 / BAL AIR	RB34L-NH3/100
		125 PPM NH3 / BAL AIR	RB34L-NH3/125
		150 PPM NH3 / BAL AIR	RB34L-NH3/150
		200 PPM NH3 / BAL AIR	RB34L-NH3/200
		250 PPM NH3 / BAL AIR	RB34L-NH3/250
		300 PPM NH3 / BAL AIR	RB34L-NH3/300
		500 PPM NH3 / BAL AIR	RB34L-NH3/500
		1,000 PPM NH3 / BAL AIR	RB34L-NH3/1000
		5,000 PPM NH3 / BAL AIR	RB34L-NH3/5000
		10,000 PPM (1%) NH3 / BAL AIR	RB34L-NH3/1%
		20,000 PPM (2%) NH3 / BAL AIR	RB34L-NH3/2%
<u>CARBON DIOXIDE (CO2)</u>	17 Liter / 250 PSI CGA 600 Valve	500 PPM CO2 / BAL N2	RB17L-CO2/500
		800 PPM CO2 / BAL N2	RB17L-CO2/800
		2,000 PPM CO2 / BAL N2	RB17L-CO2/2000
		10,000 PPM (1%) CO2 / BAL N2	RB17L-CO2/1%
		15,000 PPM (1.5%) CO2 / BAL N2	RB17L-CO2/1.5%
		20,000 PPM (2%) CO2 / BAL N2	RB17L-CO2/2%
		25,000 PPM (2.5%) CO2 / BAL N2	RB17L-CO2/2.5%
		30,000 PPM (3%) CO2 / BAL N2	RB17L-CO2/3%
		40,000 PPM (4%) CO2 / BAL N2	RB17L-CO2/4%
		50,000 PPM (5%) CO2 / BAL N2	RB17L-CO2/5%
		100% CO2	RB17L-CO2/100%
	34 Liter / 500 PSI C10 Valve	500 PPM CO2 / BAL N2	RB34L-CO2/500
		2,000 PPM CO2 / BAL N2	RB34L-CO2/2000
		10,000 PPM (1%) CO2 / BAL N2	RB34L-CO2/1%
		20,000 PPM (2%) CO2 / BAL N2	RB34L-CO2/2%
		25,000 PPM (2.5%) CO2 / BAL N2	RB34L-CO2/2.5%
		30,000 PPM (3%) CO2 / BAL N2	RB34L-CO2/3%

CERTIFIED CALIBRATION GAS NIST CERTIFIED AND TRACEABLE

GAS	CYLINDER	CONCENTRATION	ITEM #
<u>CARBON DIOXIDE (CO2)</u>	34 Liter / 500 PSI C10 Valve	40,000 PPM (3%) CO2 / BAL N2	RB34L-CO2/4%
		50,000 PPM (5%) CO2 / BAL N2	RB34L-CO2/5%
		100% CO2	RB34L-CO2/100%
<u>CARBON MONOXIDE (CO)</u>	17 Liter / 250 PSI CGA 600 Valve	25 PPM CO / BAL AIR	RB17L-CO/25
		50 PPM CO / BAL AIR	RB17L-CO/50
		60 PPM CO / BAL AIR	RB17L-CO/60
		100 PPM CO / BAL AIR	RB17L-CO/100
		200 PPM CO / BAL AIR	RB17L-CO/200
		250 PPM CO / BAL AIR	RB17L-CO/250
	34 Liter / 500 PSI C10 Valve	50 PPM CO / BAL AIR	RB34L-CO/50
		60 PPM CO / BAL AIR	RB34L-CO/60
		100 PPM CO / BAL AIR	RB34L-CO/100
		200 PPM CO / BAL AIR	RB34L-CO/200
<u>CHLORINE (CL2)</u>	34 Liter / 500 PSI C10 Valve	5 PPM CL2 / BAL N2	RB34L-CL2/5
		10 PPM CL2 / BAL N2	RB34L-CL2/10
<u>HYDROGEN (H2)</u>	17 Liter / 250 PSI CGA 600 Valve	500 PPM H2 / BAL AIR	RB17L-H2/500
		1,000 PPM H2 / BAL AIR	RB17L-H2/1000
		2,000 PPM H2 / BAL AIR	RB17L-H2/2000
		10,000 PPM (1%) H2 / BAL AIR	RB17L-H2/1%
		20,000 PPM (2%) H2 / BAL AIR	RB17L-H2/2%
	34 Liter / 500 PSI C10 Valve	2,000 PPM H2 / BAL AIR	RB34L-H2/2000
		10,000 PPM (1%) H2 / BAL AIR	RB34L-H2/10000
		20,000 PPM (2%) H2 / BAL AIR	RB34L-H2/20000
<u>HYDROGEN SULFIDE (H2S)</u>	34 Liter / 500 PSI C10 Valve	25 PPM H2S / BAL N2	RB34L-H2S/25
		50 PPM H2S / BAL N2	RB34L-H2S/50
<u>ISOBUTYLENE (C4H8)</u>	17 Liter / 250 PSI CGA 600 Valve	50 PPM C4H8 / BAL AIR	RB17L-ISOB/50
		100 PPM C4H8 / BAL AIR	RB17L-ISOB/100
		1,000 PPM C4H8 / BAL AIR	RB17L-ISOB/1000
<u>METHANE (CH4)</u>	17 Liter / 250 PSI CGA 600 Valve	0.25% CH4 (5% LEL) / BAL AIR	RB17L-CH4/0.25%
		1% CH4 (20% LEL) / BAL AIR	RB17L-CH4/1%
		2.5% CH4 (50% LEL) / BAL AIR	RB17L-CH4/2.5%
	34 Liter / 500 PSI C10 Valve	0.5% CH4 (10% LEL) / BAL AIR	RB34L-CH4/0.5%
		1% CH4 (20% LEL) / BAL AIR	RB34L-CH4/1%
		2.5% CH4 (50% LEL) / BAL AIR	RB34L-CH4/2.5%
<u>MULTI-GAS MIXES</u>	34 Liter / 500 PSI C10 Valve	100 PPM CO, 2.5% CH4 (50% LEL), 18% O2 / BAL N2	RB34L-3GAS-A
		50 PPM CO, 2.5% CH4 (50% LEL), 25 PPM H2S, 18% O2 / BAL N2	RB34L-4-GAS-A
		100 PPM CO, 25 PPM H2S, 2.5% CH4 (50% LEL), 18% O2 / BAL N2	RB34L-4-GAS-B
		60 PPM CO, 20 PPM H2S, 1.45% CH4, 15% O2 / BAL N2	RB34L-4-GAS-C
		100 PPM CO, C5H12 25% LEL, 25 PPM H2S, 18% O2 / BAL N2	RB34L-4-GAS-D
		10 PPM CO, 10 PPM H2S, 1.45% CH4, 15% O2 / BAL N2	RB34L-4GAS-F
		100 PPM CO, 25 PPM H2S, 0.35% Pentane (25% LEL), 19% O2 /BAL N2	RB34L-4-GAS-K
<u>NITROGEN (N2)</u>	17 Liter / 250 PSI CGA 600 Valve	100% N2	RB17L-N2
	34 Liter / 500 PSI C10 Valve	100% N2	RB34L-N2
<u>NITROGEN DIOXIDE (NO2)</u>	34 Liter / 500 PSI C10 Valve	5 PPM NO2 / BAL AIR	RB34L-NO2/5
		10 PPM NO2 / BAL AIR	RB34L-NO2/10
<u>OXYGEN (O2)</u>	17 Liter / 250 PSI CGA 600 Valve	15% O2 / BAL N2	RB17L-O2/15%
		20.9% O2 / BAL N2	RB17L-O2/20.9%
		25% O2 / BAL N2	RB17L-O2/25%
		100% O2	RB17L-O2/100%

CERTIFIED CALIBRATION GAS NIST CERTIFIED AND TRACEABLE

GAS	CYLINDER	CONCENTRATION	ITEM #
<u>Oxygen (O2)</u>	34 Liter / 500 PSI <i>C10 Valve</i>	15% O2 / BAL N2	RB34L-O2/15%
		20.9% O2 / BAL N2	RB34L-O2/20.9%
<u>Propane (C3H8)</u>	17 Liter / 250 PSI <i>CGA 600 Valve</i>	0.6% C3H8 / BAL AIR	RB17L-C3H8/0.6%
<u>R123A</u>	17 Liter / 250 PSI <i>CGA 600 Valve</i>	100 PPM R123A / BAL AIR	RB17L-R123A/100
		500 PPM R123A / BAL AIR	RB17L-R123A/500
		3,000 PPM R123A / BAL AIR	RB17L-R123A/3000
	34 Liter / 500 PSI <i>C10 Valve</i>	500 PPM R123A / BAL AIR	RB34L-R123A/500
<u>R134A</u>	17 Liter / 250 PSI <i>CGA 600 Valve</i>	500 PPM R134A / BAL AIR	RB17L-R134A/500
		1,000 PPM R134A / BAL AIR	RB17L-R134A/1000
		3,000 PPM R134A / BAL AIR	RB17L-R134A/3000
	34 Liter / 500 PSI <i>C10 Valve</i>	100 PPM R134A / BAL AIR	RB34L-R134A/100
		250 PPM R134A / BAL AIR	RB34L-R134A/250
		300 PPM R134A / BAL AIR	RB34L-R134A/300
		500 PPM R134A / BAL AIR	RB34L-R134A/500
		800 PPM R134A / BAL AIR	RB34L-R134A/800
		1,000 PPM R134A / BAL AIR	RB34L-R134A/1000
		3,000 PPM R134A / BAL AIR	RB34L-R134A/3000
<u>R22</u>	17 Liter / 250 PSI <i>CGA 600 Valve</i>	100 PPM R22 / BAL AIR	RB17L-R22/100
		200 PPM R22 / BAL AIR	RB17L-R22/200
		250 PPM R22 / BAL AIR	RB17L-R22/250
		300 PPM R22 / BAL AIR	RB17L-R22/300
		500 PPM R22 / BAL AIR	RB17L-R22/500
		1,000 PPM R22 / BAL AIR	RB17L-R22/1000
	34 Liter / 500 PSI <i>C10 Valve</i>	3,000 PPM R22 / BAL AIR	RB17L-R22/3000
		500 PPM R22 / BAL AIR	RB34L-R22/500
		1,000 PPM R22 / BAL AIR	RB34L-R22/1000
		3,000 PPM R22 / BAL AIR	RB34L-R22/3000
<u>R404A</u>	17 Liter / 250 PSI <i>CGA 600 Valve</i>	500 PPM R404A / BAL AIR	RB17L-R404A/500
		1,000 PPM R404A / BAL AIR	RB17L-R404A/1000
		3,000 PPM R404A / BAL AIR	RB17L-R404A/3000
	34 Liter / 500 PSI <i>C10 Valve</i>	500 PPM R404A / BAL AIR	RB34L-R404A/500
		1,000 PPM R404A / BAL AIR	RB34L-R404A/1000
		3,000 PPM R404A / BAL AIR	RB34L-R404A/3000
<u>R407A</u>	17 Liter / 250 PSI <i>CGA 600 Valve</i>	500 PPM R407A / BAL AIR	RB17L-R407A/500
		1,000 PPM R407A / BAL AIR	RB17L-R407A/1000
	34 Liter / 500 PSI <i>C10 Valve</i>	500 PPM R407A / BAL AIR	RB34L-R407A/500
		1,000 PPM R407A / BAL AIR	RB34L-R407A/1000
<u>R410A</u>	17 Liter / 250 PSI <i>CGA 600 Valve</i>	500 PPM R410A / BAL AIR	RB17L-R410A/500
		3,000 PPM R410A / BAL AIR	RB17L-R410A/3000
<u>R422D</u>	34 Liter / 500 PSI <i>C10 Valve</i>	500 PPM R422D / BAL AIR	RB34L-R422D/500
<u>R438A</u>	17 Liter / 250 PSI <i>CGA 600 Valve</i>	3,000 PPM R438A / BAL AIR	RB17L-R438A/3000
	34 Liter / 500 PSI <i>C10 Valve</i>	500 PPM R438A / BAL AIR	RB34L-R438A/500
		1,000 PPM R438A / BAL AIR	RB34L-R438A/1000
		3,000 PPM R438A / BAL AIR	RB34L-R438A/3000

CERTIFIED CALIBRATION GAS NIST CERTIFIED AND TRACEABLE

GAS	CYLINDER	CONCENTRATION	ITEM #
R448A	17 Liter / 250 PSI CGA 600 Valve	500 PPM R448A / BAL AIR	RB17L-R448A/500
		1,000 PPM R448A / BAL AIR	RB17L-R448A/1000
	34 Liter / 500 PSI C10 Valve	500 PPM R448A / BAL AIR	RB34L-R448A/500
		1,000 PPM R448A / BAL AIR	RB34L-R448A/1000
		3,000 PPM R448A / BAL AIR	RB34L-R448A/3000
R449A	17 Liter / 250 PSI CGA 600 Valve	500 PPM R449A / BAL AIR	RB17L-449A/500
		3,000 PPM R449A / BAL AIR	RB17L-R449A/3000
	34 Liter / 500 PSI C10 Valve	500 PPM R449A / BAL AIR	RB34L-R449A/500
		1,000 PPM R449A / BAL AIR	RB34L-R449A/1000
		3,000 PPM R449A / BAL AIR	RB34L-R449A/3000
R507A	17 Liter / 250 PSI CGA 600 Valve	250 PPM R507A / BAL AIR	RB17L-R507A/250
		300 PPM R507A / BAL AIR	RB17L-R507A/300
		500 PPM R507A / BAL AIR	RB17L-R507A/500
		1,000 PPM R507A / BAL AIR	RB17L-R507A/1000
		3,000 PPM R507A / BAL AIR	RB17L-R507A/3000
		10,000 PPM (1%) R507A / BAL AIR	RB17L-R507A/1%
	34 Liter / 500 PSI C10 Valve	100 PPM R507A / BAL AIR	RB34L-R507A/100
		250 PPM R507A / BAL AIR	RB34L-R507A/250
		300 PPM R507A / BAL AIR	RB34L-R507A/300
		500 PPM R507A / BAL AIR	RB34L-R507A/500
		1,000 PPM R507A / BAL AIR	RB34L-R507A/1000
		3,000 PPM R507A / BAL AIR	RB34L-R507A/3000
		10,000 PPM R507A / BAL AIR	RB34L-R507A/10000
R513A	17 Liter / 250 PSI CGA 600 Valve	500 PPM R513A / BAL AIR	RB17L-R513A/500
		1,000 PPM R513A / BAL AIR	RB17L-R513A/1000
		3,000 PPM R513A / BAL AIR	RB17L-R513A/3000
R514A	17 Liter / 250 PSI CGA 600 Valve	1,000 PPM R514A / BAL AIR	RB17L-R514A/1000
SULFUR DIOXIDE (SO2)	34 Liter / 500 PSI C10 Valve	10 PPM SO2 / BAL N2	RB34L-SO2/10
		30 PPM SO2 / BAL N2	RB34L-SO2/30
ZERO AIR	17 Liter / 250 PSI CGA 600 Valve	20.9% O2 / BAL N2	RB17L-ZA
	34 Liter / 500 PSI C10 Valve	20.9% O2 / BAL N2	RB34L-ZA