

REGULATORS



PART NUMBER	DEMAND FLOW	DIAL-A-FLOW	70 & 70/SS-*	70-FMV	71-*	70-TRIGGER
VALVE INLET	C-10 or CGA 600	C-10	C-10	C-10 or CGA 600	CGA 600	C-10 or CGA 600
FITS CYLINDER	17L, 34L, 34LS, 58L, 74L, 103L, 116L	34L, 58L, 74L, 103L, 116L	34L, 58L, 74L, 103L, 116L	17L, 34L, 34LS, 58L, 74L, 103L, 116L	17L, 34LS	17L, 34L, 34LS, 58L, 74L, 103L, 116L
FLOW RATE	INSTRUMENT PUMP DRAWS NEEDED FLOW RATE	0.3 – 3 LPM SELECTABLE	0.1 – 6 LPM FIXED	FLOW MATCHING	0.1 – 6 LPM FIXED	0.1 – 6 LPM FIXED
GAUGE PSI	1000 PSI	1200 PSI	1200 PSI	1200 PSI	600 PSI	1200 PSI
MATERIAL	BRASS, NICKEL PLATED	BRASS, NICKEL PLATED	BRASS, NICKEL PLATED OR STAINLESS STEEL	BRASS	BRASS, NICKEL PLATED	BRASS, NICKEL PLATED

*Suffix delineates the desired flow rate

We use the highest quality cylinders in the industry, which meet and exceed all criteria of its customers and appropriate regulatory authorities.



For ordering information see page 7

CYLINDERS

PART NUMBER	10L	17L	34LS	34L	58L	74L
PRESSURE	160 PSI	240 PSI	500 PSI	500 PSI	500 PSI	500 PSI
GAS TYPE	MOST REACTIVE & ALL NON-REACTIVE	NON-REACTIVE	NON-REACTIVE	ALL REACTIVE MIXTURES	ALL REACTIVE MIXTURES	ALL REACTIVE MIXTURES
DIMENSIONS	9.4" x 2.9"	10.75" x 2.9"	10.75" x 2.9"	10.64" x 3.125"	14.25" x 3.5"	14.25" x 4.25"
WATER CAPACITY	0.97 LITERS	1.0 LITERS	0.9 LITERS	0.9 LITERS	1.72 LITERS	2.2 LITERS
MATERIAL	ALUMINUM ALLOY	STEEL	STEEL	ALUMINUM ALLOY	ALUMINUM ALLOY	ALUMINUM ALLOY
WEIGHT	5 oz.	1 lb.	1 lb. 8 oz.	1 lb. 14.9 oz.	1 lb. 12 oz.	2 lbs. 5 oz.
VALVE INLET	N/A	CGA 600	CGA 600	5/8" – 18 UNF (C-10)	5/8" – 18 UNF (C-10)	5/8" – 18 UNF (C-10)
REGULATOR	TRIGGER AEROSOL	DEMAND FLOW 71-SERIES 72-MFV/17 CV-2	DEMAND FLOW 71-SERIES 72-MFV/17 CV-2	DEMAND FLOW 70-SERIES DIAL-A-FLOW 70-FMV 70-SS-SERIES	DEMAND FLOW DIAL-A-FLOW 70-SERIES 70-FMV 70-SS-SERIES	DEMAND FLOW DIAL-A-FLOW 70-SERIES 70-FMV 70-SS-SERIES
CONTENTS	10 LITERS (0.35 Cu Ft)	17 LITERS (0.6 Cu Ft)	34 LITERS (1.2 Cu Ft)	34 LITERS (1.2 Cu Ft)	58 LITERS (2.0 Cu Ft)	74 LITERS (2.6 Cu Ft)

NON-REACTIVE MIXTURES

GASCO P/N SUFFIX	GAS	CONCENTRATION	BALANCE GAS
-114	NITROGEN	100%	N/A
-135A-2.5	METHANE	2.5% vol. (50% LEL)	AIR
-176-50	PROPANE	1.1% vol. (50% LEL)	AIR
-1	ZERO AIR	20.9% vol.	NITROGEN
-248-100	ISOBUTYLENE	100 PPM	AIR
-262-40	HEXANE	0.44% vol. (40% LEL)	AIR
-37-2000	CARBON DIOXIDE	2000 PPM	AIR
-50-50	CARBON MONOXIDE	50 PPM	AIR
-85-2	HYDROGEN	2% vol. (50% LEL)	AIR

*Recommended cylinder sizes are 10, 17, 34S, 103, and 116 liter ecosmart

Many More Mixtures available upon Request

REACTIVE MIXTURES

GASCO P/N SUFFIX	GAS	CONCENTRATION	BALANCE GAS
-111-10	NITROGEN DIOXIDE	10 PPM	NITROGEN
-125-10	NITRIC OXIDE	10 PPM	NITROGEN
-13-25	AMMONIA	25 PPM	NITROGEN
-175-10	SULFUR DIOXIDE	10 PPM	NITROGEN
-252-10	CHLORINE	10 PPM	NITROGEN
-98-25	HYDROGEN SULFIDE	25 PPM	NITROGEN
-HCL-10	HYDROGEN CHLORIDE	10 PPM	NITROGEN
-HCN-10	HYDROGEN CYANIDE	10 PPM	NITROGEN
-PH3-1	PHOSPHINE	1 PPM	NITROGEN
-SIH4-10	SILANE	10 PPM	NITROGEN

*Recommended Aluminum cylinder sizes are 34, 58, 74, 116 and 116 liter ecosmart

Many More Mixtures available upon Request

REACTIVE MULTI-MIXTURES

GASCO P/N SUFFIX	CARBON MONOXIDE	METHANE	PENTANE	PROPANE	HYDROGEN SULFIDE	OXYGEN	BALANCE
-403E	50 PPM	1.62%VOL = (50% LEL PROPANE EQUIVALENT)			25 PPM	18.0%	NITROGEN
-404	100 PPM	50% LEL			25 PPM		AIR
-406	50 PPM	50% LEL			25 PPM	18.0%	NITROGEN
-409	50 PPM	50% LEL			25 PPM	12.0%	NITROGEN
-411	100 PPM		25% LEL		25 PPM	19.0%	NITROGEN
-412	50 PPM	50% LEL			25 PPM		AIR
-414	300 PPM	1.45% VOL. (58% LEL PENTANE SIMULANT)			10 PPM	15.0%	NITROGEN
-416	200 PPM	2.5% VOL. (50% LEL)			20 PPM	18.0%	NITROGEN
-421	100 PPM	50% LEL			25 PPM	18.0%	NITROGEN
-428-20	60 PPM	1.45% VOL. (58% LEL PENTANE SIMULANT)			20 PPM	15.0%	NITROGEN
-433	50 PPM	2.5% VOL. (50% LEL)	10 PPM SULFUR DIOXIDE			19.0%	NITROGEN
-437	50 PPM			1.05% vol. (48% LEL)	25 PPM	18.0%	NITROGEN
-450	100 PPM	50% LEL			40 PPM	15.0%	NITROGEN
-470-19	100 PPM			1.1% vol. (50% LEL)	25 PPM	19.0%	NITROGEN
-490T	200 PPM	2.5% VOL. (50% LEL)			10 PPM	18.0%	NITROGEN

*Recommended Aluminum cylinder sizes are 34, 58, 74, 116 and 116 liter ecosmart
10L Bump Gas Available

Many More Mixtures available upon Request

GAS MIXTURES