

Heavy Duty Line & Station Equipment

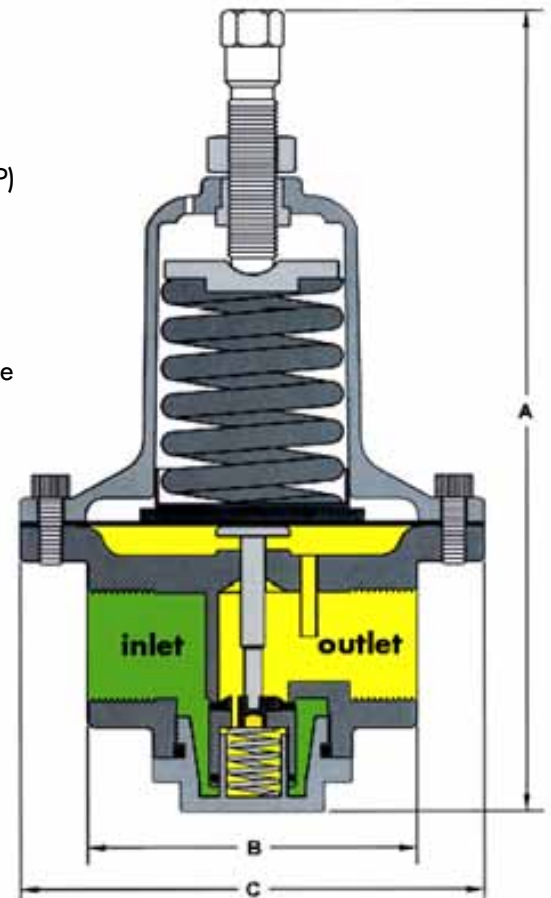
FLAME TECH® LINE REGULATORS (FTLR) SERIES

FTLR regulators provide reliable, precise pressure control in the most demanding applications. Flame Tech's FTLR regulators have a fully balanced design which virtually eliminates delivery pressure fluctuations due to inlet pressure variations. All regulators are 100% factory tested.



MATERIALS

- Body & Spring Chamber: Forged Brass
- Diaphragm: Ethylene Propylene (EP) Rubber Diaphragm
- Adjustment Spring: Color-Coded, Chrome Vanadium
- Valve Spring: 302 Stainless Steel
- Other Valve Parts: Brass
- Seat & O-Rings: Ethylene Propylene (EP) Rubber is standard



FEATURES

Optimized venturi and spring design assures high flow with extremely low droop characteristics.

Solid non-tied diaphragm and all brass construction guarantees leak-free long lasting performance.

Maintains a steady down stream pressure across a range of inlet pressures commonly provided by a cryogenic bulk tank.

Corrosion resistant stainless steel trim.

TECHNICAL DATA

Maximum inlet pressure is 400 PSI.

Effect of inlet pressure variation less than .25 PSI/100 PSI change.

Cleaned per CGA G-4.1 for oxygen service.

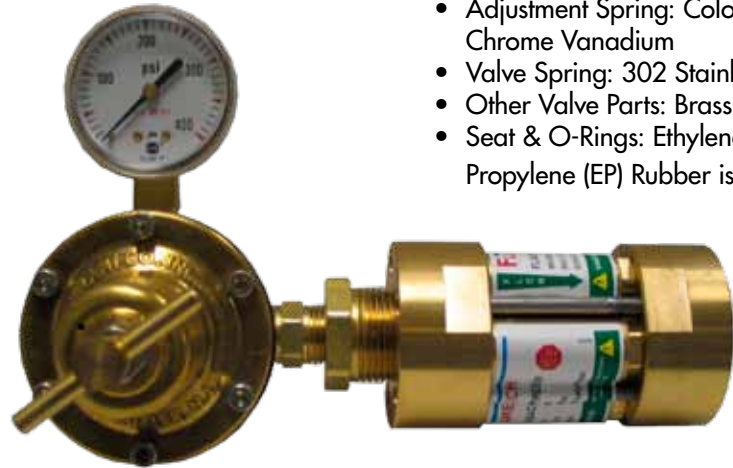
FLAME TECH® STATION REGULATORS (FTSR) SERIES

Flame Tech® Station Regulators (FTSR) series provide reliable, precise pressure control in the most demanding applications. Flame Tech's FTSR regulators have a fully balanced design which virtually eliminates delivery pressure fluctuations due to inlet pressure variations. All regulators are 100% factory tested.

FTSR12-C Heavy Duty Oxygen Station Regulator with CGA "C" Hose Fitting



FTSR12-C Heavy Duty Cutting Oxygen Station Regulator with Flame Tech's High-Flow DEMAX Flashback Arrestor (see safety accessories for DEMAX)



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- Other Valve Parts: Brass
- Seat & O-Rings: Ethylene Propylene (EP) Rubber is standard

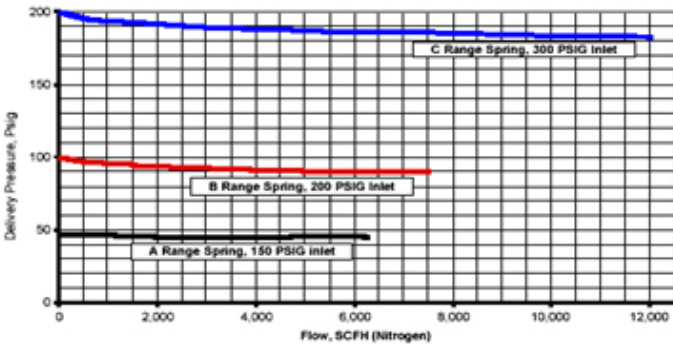
	P/N	DESCRIPTION
Fuel Gas	FTSR12-A	5-55 PSI REGULATOR, 1/2"NPT INLET, LH CGA "B" HOSE FITTING COMPLETE WITH FT5575-GP PRESSURE GAUGE, 1-60 PSI RANGE
Oxygen	FTSR12-B	40-110 PSI REGULATOR, 1/2"NPT INLET, RH CGA "B" HOSE FITTING, COMPLETE WITH FTS1679 PRESSURE GAUGE, 1-200 PSI RANGE
	FTSR12-C	100-200 PSI REGULATOR, 1/2"NPT INLET, RH CGA "C" HOSE FITTING, COMPLETE WITH FT15578-GP PRESSURE GAUGE, 1-400 PSI RANGE

HEAVY DUTY STATION REGULATORS

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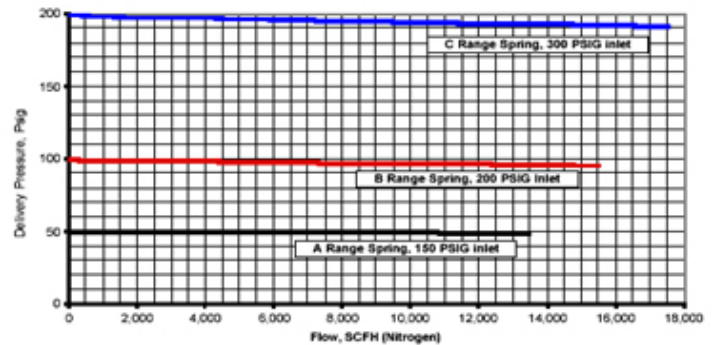
FLOW CURVE

FTLR14 (1/4") & FTLR12 (1/2")



FLOW CURVE

FTLR34 (3/4") & FTLR1 (1")



Dimensional Data

Size	A	B	C	Cv
1/4", 3/8" & 1/2" 2BSPT & 4BSPT	5 - 11/16"	2 - 25/32"	3 - 3/16"	3.6

Cv is stated at maximum inlet pressure and valve full open

Size	A	B	C	Cv
3/4" & 1" 6BSPT & 8BSPT	8 - 7/8"	3 - 11/32"	4 - 11/16"	5.8

ORDERING INFORMATION FTLR SERIES REGULATORS

FLAME TECH	DELIVERY PRESSURE RANGE (PSI)	PRESSURE GAUGE RANGE (PSI)*	GAUGE PART #	INLET & OUTLET (FNPT)
FTLR12A	5-55	1-60	FT5575-GP	1/2"
FTLR12B	40-110	1-200	FTS1679	1/2"
FTLR12C	100-200	1-400	FT15578	1/2"
FTLR34A	5-55	1-60	FT5575-GP	3/4"
FTLR34B	40-110	1-200	FTS1679	3/4"
FTLR34C	100-200	1-400	FT15578	3/4"
FTLR1A	5-55	1-60	FT5575-GP	1"
FTLR1B	40-110	1-200	FTS1679	1"
FTLR1C	100-200	1-400	FT15578	1"

GAUGES

Gauges are sold separately. Order recommended gauge with selected regulator.

- FT5575-GP 0-60 PSI
- FTS1679 0-200 PSI
- FT15588 0-400 PSI

