

FISHER REGULATORS

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**SECTION A
FISHER REGULATORS**

First Stage Regulators



R312H21

R622

Based on 30 psig (2.07 bar) inlet pressure and 20% droop.



First-stage regulators reduce tank pressure to a lower pressure (usually 10 psig or 0.69 bar) for a second-stage regulator. Fisher first-stage regulators are painted red for easy identification. Vents are screened with standard orientation over the outlet.

CAPACITY BTU/HR	INLET CONNECTION	OUTLET CONNECTION	OUTLET RANGE	OUTLET SETTING	TYPE NUMBER	LIST PRICES
900,000	1/4" FNPT	1/2" FNPT	non-adjustable	10 psig/a	R312H21	40.62
2,000,000	1/2" FNPT	1/2" FNPT	4-6 psig	5 psig	R622HBGK	56.04
2,100,000	1/2" FNPT	1/2" FNPT	8-12 psig	10 psig	R622HBGJ	56.04
	FPOL	1/2" FNPT	8-12 psig	10 psig	R622HHGJ	56.04
2,250,000	FPOL	3/4" FNPT	4-6 psig	5 psig	R622HJGK	56.04
	FPOL	3/4" FNPT	8-12 psig	10 psig	R622HJGJ	56.04
2,400,000	3/4" FNPT	3/4" FNPT	8-12 psig	10 psig	R622HDGJ	56.04

Second Stage Regulators



R652

R312E30

R622

S102

1 Capacity is based on 10 psig (0.69 bar) inlet pressure and 20% droop. Based on 10 psig (0.69 bar) inlet pressure and 2" wcdroop.



Second-stage regulators reduce the pressure from a first-stage regulator, usually 10 psig (0.69 bar) to 11" water column (27 mbar), in domestic installations. Vents are screened with standard orientation over the inlet, but other orientations are available. Fisher second-stage regulators are painted palm green for easy identification. The Fisher Types R312, R622 and R652 are equipped with stainless steel inlets to reduce the amount of debris entering the regulator.

CAPACITY BTU/HR	INLET CONNECTION	OUTLET CONNECTION	OUTLET RANGE	OUTLET SETTING	TYPE NUMBER	LIST PRICES
400,000	1/4" FNPT	1/2" FNPT	nominal 2 psig	non-adjust	R312E30	55.52
1,250,000	1/2" FNPT	1/2" FNPT	1-2.2 psig	2 psig	R622EBCH	51.98
1,500,000	3/4" FNPT	3/4" FNPT	1-2.2 psig	2 psig	R622EDCH	51.98
875,000	1/2" FNPT	1/2" FNPT	9"-13" wc	11" wc	R622BCF	51.68
1,100,000	3/4" FNPT	3/4" FNPT	9"-13" wc	11" wc	R652DFF	54.76
1,400,000	1/2" FNPT	3/4" FNPT	9"-13" wc	11" wc	R622CFF	51.68
	3/4" FNPT	3/4" FNPT	9"-13" wc	11" wc	R622DFF	51.68
2,100,000	3/4" FNPT	3/4" FNPT	13"-20" wc	18" wc	S102KLBFC	105.98
	1" FNPT	1" FNPT	9"-13" wc	11" wc	S102KLCFC	145.84
	3/4" FNPT	3/4" FNPT	9"-13" wc	11" wc	S102KLFFC	152.80
	1" FNPT	1" FNPT	9"-13" wc	11" wc	S102KLKFC	159.74

Two-Stage Package



R652DFFPA

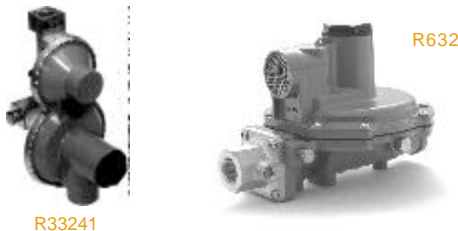
Additional packs available upon request.



Due to the increasing popularity of two-stage regulation, Fisher offers its most commonly used first-stage and second-stage domestic regulators in one convenient pack.

CAPACITY BTU/HR PROPANE	FIRST STAGE REGULATOR	SECOND STAGE REGULATOR	ADAPTOR for FIRST STAGE REGULATOR	PACKAGE TYPE NUMBER	LIST PRICES
1,000,000	R312H21 1/4" x 1/2" FNPT	R652DEF 3/4" x 3/4" FNPT Back Mount	M318-Straight MPOL x 1/4" MNPT	R652DFFPA	94.65

Integral Two-Stage Regulators



R33241

R632

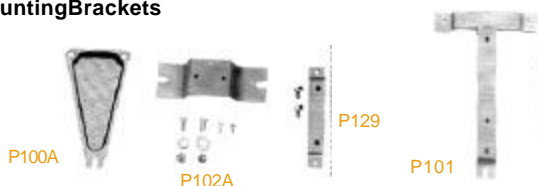
Based on 30 psig inlet pressure and 2" wcdroop.



Integral two-stage units combine a first-stage and second-stage regulator into one compact unit. Recommended for installations where piping distances are 30 feet or less, integral two-stage regulators provide all the advantages of two-stage regulation. Fisher integral two-stage regulators are color coded gray for easy identification. Vents are screened with standard second-stage orientation over the outlet.

CAPACITY BTU/HR	INLET CONNECTION	OUTLET CONNECTION	OUTLET RANGE	OUTLET SETTING	TYPE NUMBER	LIST PRICES
275,000	1/4" FNPT	1/2" FNPT	9.5" - 13" wc	11" wc	R33241	52.26
700,000	1/4" FNPT	1/2" FNPT	9.5" - 13" wc	11" wc	R632BCF	81.54
700,000	FPOL	1/2" FNPT	9.5" - 13" wc	11" wc	R632HCF	81.54
750,000	1/4" FNPT	3/4" FNPT	9.5" - 13" wc	11" wc	R632CFF	81.54
750,000	FPOL	3/4" FNPT	9.5" - 13" wc	11" wc	R632JFF	81.54

Mounting Brackets



P100A

P102A

P129

P101

REGULATOR TYPE	BRACKET STYLE			LIST PRICES
	for Wall Mount		for Post Mount	
	TRIANGLE	T E E	STRAP	
912	P100A	P100B	P102A	5.44
R622 & R622H	P100A	P101	—	7.00
R632	P100A	—	—	6.66
R966	P100A	P100B	P129	8.80