

SECOND STAGE REGULATORS

Second-Stage regulators reduce the outlet pressure from a First-Stage regulator (usually 10 psig to 11" water column) 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. All Fisher Second Stage regulators are designed for Two-Stage LP-Gas systems and listed by Underwriters Laboratories. The regulators are designed using rugged time proven design concepts and constructed of corrosion resistant materials, both internally and externally. The combination of a high capacity relief valve and large vent provide overpressure protection which exceeds UL standards and is capable of limiting the downstream pressure to 2 psig (0,14bar) even in a double failure situation when used with a Fisher brand Type R122H or R622H first-stage regulator. With proper installation and maintenance the regulators will meet a 20-Year Recommended Replacement Life.

Types R622 and R222 have a straight through body design; Type R652 has a back mount body design; Type R642 has a 90-degree angle body design. Types R622, R652, R642 and R222 have dual built in 1/8" threaded gauge taps orifice to a number 54 drill size for easy gas system checks.

Type HSRL utilizes a high strength cast iron body and a 3/4" NPT drip lip vent design. The HSRL is available with either an angle body or a straight globe valve body.

R622



R652



R642



R222



HSRL



Second-Stage Regulators

Type Number	Capacity BTU/HR Propane	Inlet Connection	Outlet Connection	Outlet Adjustment Range	Outlet Pressure Setting	Suggested Mounting Bracket
R222-BAF	450,000	1/2 FNPT	1/2 FNPT	9 1/2" - 13" WC	11" WC	PI00L
R622-BCF	875,000					PI00A or PI00L
R652-CFF	1,000,000	3/4 FNPT	3/4 FNPT	9" - 13" WC	11" WC	N/A
R622-CFF						1,400,000
R622-DFF	1,400,000	3/4 FNPT	3/4 FNPT	13" - 20" WC	18" WC	PI00A or PI00L
R642-DFF						
R622-CFGXA	1,000,000	1/2 FNPT				
HSRL-BFC	2,300,000	3/4 FNPT				
HSRL-CFC	2,600,000	1 FNPT	1 FNPT	9" - 13" WC	11" WC	N/A

OHIO	800 537 7518
INDIANA	800 662 3252
MISSOURI	800 821 3878
KENTUCKY	800 448 9504
MINNESOTA	800 328 6291
FAX	800 383 4664



R2520

Marshall Gas Controls Second-Stage Regulators

Part No.	BTU Capacity*	Inlet	Outlet	Pressure Range	Pressure Set Point
R2520 (1)	500,000	1/2" FNPT	1/2" FNPT	10" - 14" WC	11" WC
R2120	160,000	1/4" FNPT	3/8" FNPT	10" - 14" WC	11" WC

Note: * Inlet pressure at 10 psig with 2" wc droop. VK520 Vent adaptor kit available. 1/2" OD Flare for R1520 & R2520.

(1) 1/8" pressure gauge tap.



800HC



760LP

Sherwood Second-Stage Regulators

Part No.	BTU Capacity	Inlet	Outlet	Pressure Set	Configuration	Mounting Bracket
760LP	650,000	1/2" FNPT	1/2" FNPT	11" WC	Straight Thru	700-4
800HC	800,000				3/4 FNPT	3/4 FNPT
800HBC		1/2" FNPT	3/4 FNPT Swivel			
800JC					1/2" FNPT	3/4 FNPT Swivel
800JBC		1/2" FNPT Swivel	3/4 FNPT			
800NC					3/4 FNPT Swivel	3/4 FNPT Swivel
800NBC		3/4 FNPT Swivel	3/4 FNPT Swivel			
800HCS					3/4 FNPT Swivel	3/4 FNPT Swivel
800JBCR		3/4 FNPT Swivel	3/4 FNPT Swivel			
800JBCSR					3/4 FNPT Swivel	3/4 FNPT Swivel
800JCS		3/4 FNPT Swivel	3/4 FNPT Swivel	Straight Thru		
800NBCSR	3/4 FNPT Swivel			3/4 FNPT Swivel	Back Mount	

Note: 1/8 gauge port. Capacity at 10 psig inlet and 11" wc outlet