

# Second Stage Regulators

R622



R222



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R652



HSRL-CFC



HSRL-BFC

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.

## Second-Stage Regulators

Type Number	Capacity BTU/HR Propane	Inlet Connection	Outlet Connection	Outlet Adjustment Range	Outlet Pressure Setting	Suggested Mounting Bracket
<b>R222-BAF</b>	450,000	1/2 FNPT	1/2 FNPT	9 1/2" - 13" WC	11" WC	P100L
<b>R622-BCF</b>	875,000					P100A or P100L
<b>R652-CFF</b> <sup>(1)</sup>	1,000,000	3/4 FNPT	3/4 FNPT	9" - 13" WC	11" WC	N/A
<b>R652-DFF</b> <sup>(1)</sup>						
<b>R622-CFF</b>	1,400,000	1/2 FNPT	3/4 FNPT	13" - 20" WC	18" WC	P100A or P100L
<b>R622-CFFXA</b> <sup>(2)</sup>		1/2 FNPT				
<b>R622-DFF</b>		3/4 FNPT				
<b>R642-DFF</b> <sup>(3)</sup>	900,000	3/4 FNPT				
<b>R622-CFGXA</b>	1,000,000	1/2 FNPT				
<b>HSRL-BFC</b>	2,300,000	3/4 FNPT		9" - 13" WC	11" WC	N/A
<b>HSRL-CFC</b>	2,600,000	1 FNPT	1 FNPT			
<b>HSRL-PFC</b> <sup>(3)</sup>	2,300,000	3/4 FNPT	3/4 FNPT	9" - 13" WC	11" WC	
<b>HSRL-SFC</b> <sup>(3)</sup>	2,600,000	1 FNPT	1 FNPT			

Note 1 - Back mount body design

Note 2 - Vent over inlet

Note 3 - 90 degree angle body design

# Second Stage Regulators



## Sherwood Second-Stage Regulators

Part No.	BTU Capacity	Inlet	Outlet	Pressure Set	Configuration	Mounting Bracket
<b>800HC</b>	800,000	1/2" FNPT	1/2" FNPT	11" WC	Straight Thru	P100A or P100L
<b>800HBC</b>					Back Mount	
<b>800JC</b>			Straight Thru			
<b>800JBC</b>			Back Mount			
<b>800NC</b>		3/4 FNPT	3/4 FNPT		Straight Thru	
<b>800NBC</b>					Back Mount	
<b>800HCS</b>		1/2 FNPT Swivel	1/2 FNPT		Straight Thru	
<b>800JBCR</b>		1/2 FNPT	3/4 FNPT Swivel		Back Mount	
<b>800JBCSR</b>		1/2 FNPT Swivel	3/4 FNPT		Straight Thru	
<b>800JCS</b>					Back Mount	
<b>800NBCSR</b>		3/4 FNPT Swivel	3/4 FNPT Swivel		Back Mount	

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



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