

FIRST STAGE REGULATORS

DOMESTIC FIRST-STAGE REGULATORS

R622H



Type R622H - Time proven design, constructed of corrosion-resistant and wear-resistant materials, the R622H is designed to provide a Recommended Replacement Life of 20 years. Built-in 1/8" FNPT gauge taps on both the inlet and outlet pressure sides allow for easy system checks. A large 3/4" FNPT drip-lip vent reduces the chance of blockage by freezing rain or sleet when properly installed with the vent pointing down. Each R622H is equipped for overpressure protection with a corrosion-resistant internal relief valve that provides high capacity relief and a travel stop on the closing cap. Its size and configuration make it ideal for under-the-dome installations.

First-Stage regulators reduce tank pressure to a lower pressure (usually 10 PSIG) for a Second-Stage regulator. Fisher First-Stage regulators are painted red for easy identification.

R122H



Type R122H – Designed for use as a first-stage regulator for domestic applications, the R122H's size makes it perfect for tight installations. Stainless steel internal parts and corrosion resistant coatings provide a Recommended Replacement Life of 20 years. Its non-adjustable set point makes the unit virtually tamperproof. Inlet and outlet gauge taps allow easy system testing. Large inlet and outlet wrench flats provide for easy installation, even in underground tanks. The outlet pressure setpoint remains at a nominal factory setting of 10 psig (0.69 bar). The design's superior relief performance exceeds UL requirements and provides double failure overpressure protection when used with a Fisher R600 second-stage regulator. The unit's fluorocarbon valve disc provides better lockup performance and durability in contaminated gas. The vent is threaded with 3/8 NPT for easy installation of vent piping. A large fabric-reinforced diaphragm provides accurate regulation. The large orifice assists in minimizing freeze problems.

Fisher First-Stage Regulators

Part No.	Capacity BTU/HR Propane ¹	Inlet Connection	Outlet Connection	Outlet Pressure Range	Outlet Pressure Setting	Accessories Included
R122H-AAJ	1,100,000	1/4"	1/2" FNPT	Non-adjustable	10 psig	---
R622H-BGK	2,000,000	1/2" FNPT		4-6 psig	5 psig	
R622H-BGJ	2,100,000			8-12 psig	10 psig	
R622H-HGJ		2,250,000	FPOL	3/4" FNPT	4-6 psig	5 psig
R622H-JGK	8-12 psig				10 psig	
R622H-JGJ	2,400,000		3/4" FNPT			
R622H-DGJ	2,400,000	3/4" FNPT				

1. Based on 30 psig inlet pressure and 20% droop. 2. 90° vent orientation

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



R1520

Marshall Gas Controls First Stage Residential Regulators

Part No.	BTU Capacity (1)	Inlet/Outlet	Pressure Range	Pressure Set Point
R1520 (2)	1,500,000	1/4" FNPT / 1/2" FNPT	5-10 psig	10 psig

Note: 1. Capacity based on 30 psig inlet pressure with 20% droop
2. 1/8" pressure gauge tap



800HPS1

Sherwood First Stage Regulators

Part No	BTU Capacity	Inlet	Outlet	Pressure Set Point	Mounting Plate
740HP	1,000,000	1/4" FNPT	1/2" FNPT	10 PSIG	700-4
800HPS1	1,000,000	POL	1/2" FNPT	10 PSIG	1776-25
800HPS3	1,000,000	POL	3/4" FNPT	10 PSIG	1776-25

Note: The regulator will handle loads up to 1,000,000 Btu/hr at 25 psig inlet and 8 psig outlet pressure. Equipped with 1/8" gauge port.

740HP



Bergquist