

Fisher First Stage Regulators

Domestic First-Stage Regulators



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.

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.

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.

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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			FPOL	8-12 psig	
R622H-JGK		3/4" FNPT	4-6 psig		5 psig	
R622H-JGJ	8-12 psig		10 psig			
R622H-DGJ	2,400,000		3/4" FNPT	8-12 psig	10 psig	

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



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RI520



Marshall Gas Controls First Stage Residential Regulators

Part No.	BTU Capacity (1)	Inlet/Outlet	Pressure Range	Pressure Set Point
RI520 (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



800HPS3

Sherwood First Stage Regulators

Part No	BTU Capacity	Inlet	Outlet	Pressure Set Point	Mounting Plate
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.

