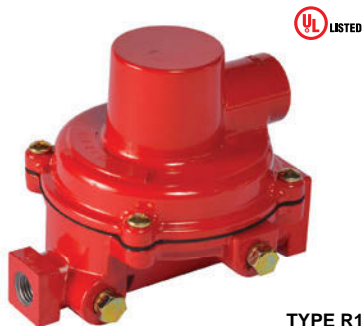
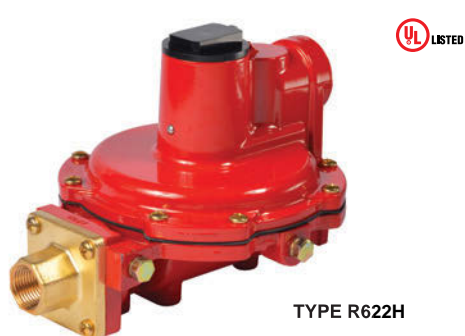


FIRST-STAGE REGULATORS



TYPE R122H



TYPE R622H

Types R122H and R622H First-Stage Regulators are Underwriters Laboratories (UL®) listed regulators designed for Two-Stage LP-Gas Regulator systems. These First-Stage regulators reduce tank pressure to a lower pressure (usually 10 psig / 0.69 bar) for a Second-Stage regulator. Fisher® brand First-Stage regulators are painted red for easy identification. Vents are screened with standard orientation over the outlet. The Types R122H and R622H regulators have a temperature rating of -20 to 160°F / -29 to 71°C, but have passed Fisher internal testing for lockup, relief start-to-discharge and reseal down to -40°F / -40°C.

Type R122H – Designed for use as a First-Stage regulator for domestic applications, the Type 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 setpoint makes the unit virtually tamper proof. 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 R600 Series Second-Stage regulator. The unit's Fluorocarbon (FKM) valve disc provides better lockup performance and durability in contaminated gas. The vent is with 3/8-inch NPT for easy installation of vent piping. A large fabric-reinforced diaphragm provides accurate regulation. The large orifice assists in minimizing freeze problems.

Type R622H – Time proven design constructed of corrosion-resistant and wear-resistant materials, the Type R622H is designed to provide a recommended replacement life of 20 years. Built-in 1/8-inch FNPT gauge taps on both the inlet and outlet pressure sides allow for easy system checks. A large 3/4-inch FNPT drip-lip vent reduces the chance of blockage by freezing rain or sleet when properly installed with the vent pointing down. Each Type 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								
TYPE NUMBER	CAPACITIES (PROPANE) ⁽¹⁾⁽³⁾		INLET CONNECTION, INCHES	OUTLET CONNECTION, INCHES	OUTLET ADJUSTMENT RANGE		OUTLET PRESSURE SETTING	
	BTU / hour	SCMH			psig	bar	psig	bar
R122H-AAJ	1,100,000	12.4	1/4 FNPT	1/2 FNPT	Non-Adjustable		10	0.69
R122H-AAJXB ⁽²⁾								
R622H-BGK	2,000,000	22.5	1/2 FNPT	1/2 FNPT	4 to 6	0.28 to 0.41	5	0.34
R622H-HGK			FPOL					
R622H-JGK	2,250,000	25.3	FPOL	3/4 FNPT	8 to 12	0.55 to 0.83	10	0.69
R622H-BGJ	2,100,000	23.6	1/2 FNPT	1/2 FNPT				
R622H-DGJ	2,400,000	27.0	3/4 FNPT	3/4 FNPT				
R622H-HGJ	2,100,000	23.6	FPOL	1/2 FNPT				
R622H-JGJ	2,250,000	25.3		3/4 FNPT				

1. Based on 30 psig / 2.1 bar inlet pressure and 20% droop.
 2. Vent over gauge taps.
 3. Metric conversion is based on 2516 BTU/ft³ of gas at 60°F / 16°C.