

TWO-PSI REGULATORS



TYPE R652E



TYPE R622E

Types R622E and R652E, Two-psi Service Regulators, are designed for Two-psi LP-Gas Regulator Systems and listed by Underwriters Laboratories (UL®). These units are installed downstream from a First-Stage regulator and reduce an inlet pressure of 10 psig / 0.69 bar to a nominal 2 psig / 0.14 bar outlet pressure. Two-psi Service Regulators are designed for domestic applications that supply 2 psig / 0.14 bar LP-Gas to a line regulator located inside the building. In most cases a manifold is used with corrugated stainless steel tubing (CSST) as well as other acceptable piping materials for routing to the line pressure regulator supplying approximately 11 inches w.c. / 27 mbar to appliance regulators.

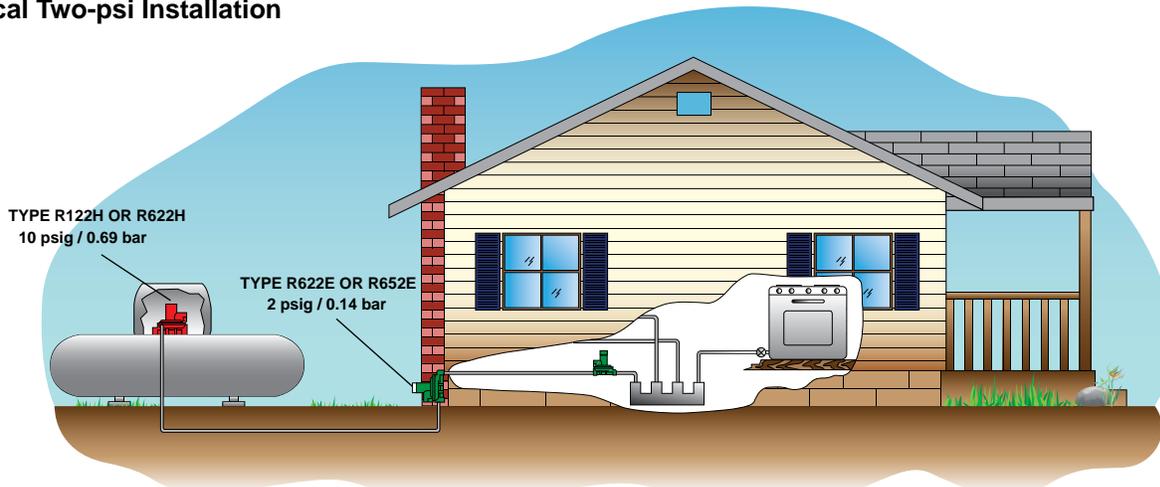
Types R622E and R652E Two-psi Service Regulators feature a combination relief valve and large vent that provide overpressure protection and exceed UL requirements. Both units have a stainless steel inlet screen to reduce the amount of debris from entering them.

Fisher® brand Types R622E and R652E are painted green with a white closing cap for easy identification and 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 R622E – Time proven design constructed of corrosion resistant materials, the Type R622E is designed to provide a recommended replacement life of 20 years. Fisher brand's fabric-reinforced diaphragm and large diaphragm area provide accurate regulation at increased capacities. All components provide superior resistance to field conditions that may cause wear and corrosion. Built-in 1/8-inch taps (orificed to a number 54-drill size) on the upstream and downstream sides allow for easy gas system checks.

Type R652E – Provides the same features as the Type R622E, includes a 20-year recommended replacement life with a back mount design.

Typical Two-psi Installation



Two-psi Service Regulators							
TYPE NUMBER	CAPACITIES (PROPANE) ⁽¹⁾		CONNECTIONS INLET X OUTLET, INCHES	OUTLET PRESSURE RANGE		OUTLET PRESSURE SETTING	
	BTU / hour	SCMH		psig	bar	psig	bar
R622E-BCH	1,460,000	16.4	1/2 x 1/2 FNPT	1 to 2.2	69 mbar to 0.15	2	0.14
R622E-DCH	1,680,000	18.9	3/4 x 3/4 FNPT				
R652E-DFH	1,500,000	16.9					

1. Based on 10 psig / 0.69 bar inlet pressure and 20% droop.