

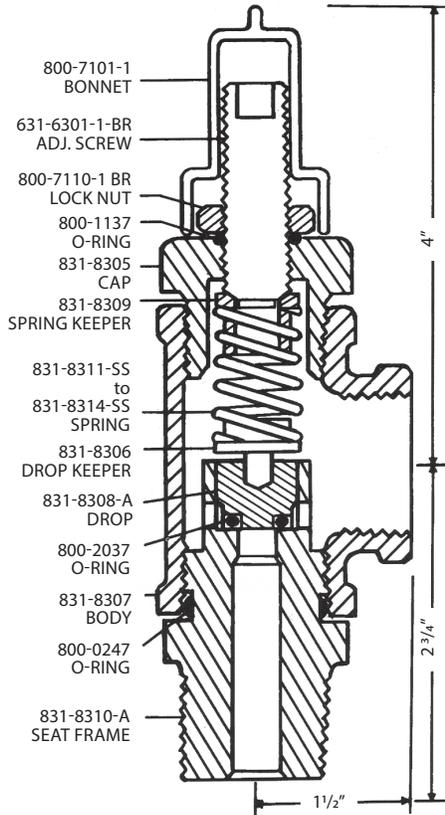
1" GAS SAFETY VALVE



831-GS-CEV

Pressure: 15-300#
(Non-code Below 25#)

Volume: to 387 CFM



INLETS AVAILABLE: Male NPT 1", 3/4", 1/2"

OUTLET: Female NPT 1"

TEMPERATURE RANGE: -20° to +220° F

BODY: Brass

TRIM: Brass

THE PLUNGER OR DROP HAS AN O-RING SEAL. FURNISHED WITH TAMPER-PROOF BONNET AND WIRE SEAL.

This gas service valve is an automatic pressure relieving device activated by static pressure upstream of the valve and characterized by a rapid full opening or pop action.

APPLICATION: Recommended for overpressure protection on separators, compressor tanks, heater-treaters, meter runs, gathering lines, transmission systems, gas manifolds, refinery service and other gas systems.

ASME-UV: 3/8" ORIFICE = .110 SQ. IN., — 90% SLOPE = 1.125

VALVE PART NUMBER	WORKING PRESSURE RANGE	CFM OF AIR AT MAXIMUM SETTING +10%
831-GS-CEV-45	15 - 45#	45# = 72 CFM
831-GS-CEV-125	45 - 125#	125# = 171 CFM
831-GS-CEV-200	125 - 200#	200# = 264 CFM
831-GS-CEV-300	200 - 300#	300# = 387 CFM

(Set pressure +10% of set pressure + 14.7) x .963 = CFM