



260

SPRING-LOADED GAS PRESSURE REGULATOR

INTRODUCTION

- » UNIQUE FEATURE - upon complete regulator failure and full bore relief, outlet pressure is kept below 1 psig (70 mbar)
- » specifically designed for safe, accurate pressure reduction
- » high pressure, direct-acting, diaphragm operated
- » utilized in residential, commercial and industrial applications
- » for natural gas and all non-corrosive gaseous media

FEATURES

- » maximum inlet pressure - 150 psig (10 bar)
- » outlet pressure range 5" w.c. - 5 psig (12 - 350 mbar)
- » flow capacity - 3,380 scfh (96 scmh)
- » ease of maintenance (spares kits available)
- » temperature rating -40° to 140°F, -40° to 60°C

OPTIONS

- » P-Type ~ NO internal relief capacity
- » R-Type ~ FULL internal relief capacity
- » LR-Type ~ LIMITED internal relief capacity
- » available with integral over pressure cut-off safety slam shut valve (290 OPCO)
- » 290 OPCO - cut-off upto 8 psig
- » available with integral under and over pressure cut-off safety slam shut valve (309 UPCO/OPCO)
- » 309 UPCO range ~ 4" - 60" w.c.
- » 309 OPCO range ~ 14" w.c. - 8.0 psig

BODY CONNECTIONS

- » available as angle (90°) or in-line (180°) body
- » available with NPT or BSP thread profiles
- » threaded connections - 1/2", 3/4", 1"

SPRING SELECTION

- » spring 1001 (silver) ~ range 5" - 8" w.c.
- » spring 1235 (green) ~ range 8" - 12" w.c.
- » spring 307 (lt. green) ~ range 9" - 18" w.c.
- » spring 1021 (self) ~ range 20" - 30 " w.c.
- » spring 1047 (purple) ~ range 1 - 2 psig
- » spring LX/001 (silver) ~ range 3 - 5.5 psig

WEIGHTS

- » angle body ~ 2.9 lbs. (1.3 kg)
- » in-line body ~ 4.0 lbs. (1.8 kg)
- » with 290 OPCO ~ add 1.8 lbs. (0.8 kg)
- » with 309 UPCO/OPCO ~ add 2 lbs. (1 kg)

MATERIALS OF CONSTRUCTION

- » body ~ cast iron
- » diaphragm casings ~ die cast aluminum
- » diaphragm ~ molded nitrile rubber with nylon reinforcing
- » valve seat ~ buna N rubber
- » diaphragm plates ~ steel
- » orifice ~ aluminum, brass or stainless steel
- » top cap ~ plastic or aluminum
- » fasteners & vent screen - stainless steel