



Purchase Specification

Model No. CRD PRESSURE REDUCING CONTROL

Function

The Pressure Reducing Control shall be a low volume, direct-acting, adjustable, spring-loaded, normally open diaphragm valve, designed to permit flow when controlled pressure is less than the spring setting. The valve shall maintain a constant downstream pressure within close limits and regardless of varying inlet pressure. Body porting provisions shall provide for either straight through or 90 degree angle installation. It shall operate in any position.

Description

The valve shall be equipped with a stainless steel seat and a resilient sealing disc molded into a renewable holder. The disc assembly shall be threaded into a retainer-stem assembly. This assembly shall be aligned by a guide plug installed in the bottom of the body and by the diaphragm on the top. The diaphragm center hole shall fit snugly to the stem. The diaphragm shall be supported by a large diameter, stainless steel washer which shall be secured with a stainless steel constant tension washer and a stainless steel nut. A threaded cap shall protect the adjusting screw and jam nut. Provision shall be provided for the securing of the protecting cap with a seal wire to discourage unauthorized changes to the setting.

Disassembly and re-assembly shall be easily accomplished for maintenance and repairs.

Material Specification

Body and Cover:

Trim:

Rubber Material:

Adjustment Range:

This valve shall be a Cla-Val Co. Model No. CRD Pressure Reducing Control, as manufactured by Cla-Val Co., Newport Beach, CA 92659-0325.