



Purchase Specification

**Model No. CV
FLOW CONTROL**

Function

The Flow Control shall be an adjustable restriction that acts as a needle valve with flow in one direction while allowing unrestricted flow in the opposite direction.

Description

The control shall be comprised of a finely tapered stainless steel needle stem with an NF threaded adjustment, installed in a cast bronze housing, a spring loaded stainless steel restriction disc and a stainless steel seat/connector.

When flow is against the needle, the control shall be open allowing unrestricted flow in that direction. When flow is in the direction of the needle, the disc shall be held against its seat and flow through the control shall be metered between the fine taper of the needle and the opening in the disc. Standard material in contact with the operating fluid shall be bronze and stainless steel. Seals shall be Buna-N.

Material Specification

In Contact With Fluid:
Seals:

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



Purchase Specification

Model No. CVS-1 SHUTTLE CHECK VALVE

Function

The shuttle check valve shall be a device that automatically selects the higher pressure from one of two sources and directs that higher pressure to a common outlet.

Description

The shuttle check valve shall be comprised of a bar stock body containing an inlet connection, the common outlet, a Delrin shuttle with Viton seal and a removable second inlet connection unit. The shuttle shall be the only moving part and shall shift on a water column differential of 10". In continuous service, it shall operate to a temperature of 180 degrees F.

Material Specification

In Contact With Fluid:

Seals:

This valve shall be a Cla-Val Co. Model No. CVS-1, as manufactured by Cla-Val Co., Newport Beach, CA 92659-0325.