



# Purchase Specification

## Model No. 37 WELL SERVICE VALVES

1/2", 1", 2", 3" NPT

### Installation

The Model 37 Well Service Valve is typically installed between the pump discharge and check valve. Mount the unit in the vertical position on top of the pipeline with an isolation valve installed below the valve in the event servicing is required. An enclosure with adequate venting is recommended. Piping the discharge back to the well is suggested.

### Description

The well service air valve shall be able to automatically exhaust large quantities of air in the pump column during pump start-up and allow air to re-enter the column during pump shut-down. The air valve shall be designed to be installed between outlet of vertical turbine pumps and the pump check valve.

The inlet and outlet of the valve shall have the same cross-section area. The valve shall have NPT Threaded or ANSI Flanged inlet and outlet. The float shall be guided by a stainless steel guide shaft and seal drip-tight against a synthetic rubber seal. 4" and larger valves shall have dual guided shafts of hexagonal cross section and a protective discharge hood.

The float shall be of all stainless steel construction and capable of withstanding maximum system surge pressure without failure. The body and cover shall be concentrically located and of cast iron and the valve internal parts shall be of stainless steel or Buna-N® rubber.

Note: 3" and smaller sizes shall be equipped with a stainless steel diffuser screen to protect float from excess water force. 4" and larger sizes shall be equipped with a device which will throttle the flow of water into the valve and be designed to permit full flow of air but limit the flow of water to the valve.

### Material Specification

Valve Size:

Main Valve Body and Cover:

Main Valve Trim:

End Detail:

Pressure Rating:

Temperature Range:

Rubber Material:

Desired Options:

The Well Service Air Valve shall be Model 37 from Cla-Val Co. Newport Beach, CA, U.S.A .92659-0325