



Purchase Specification

Model No. 36

COMBINATION AIR RELEASE AND VACUUM VALVE

1", 2", 3", 4" NPT

Installation

The Model 36 Combination Air Valve should be installed at high points at grade changes within the pipeline.

Mount the unit in the vertical position on top of the pipeline with an isolation valve installed below each valve in the event servicing is required. A vault with adequate venting and drainage should also be provided.

Description

The combination air valve shall combine the operating features of both an air and vacuum valve and an air release valve in one housing. The air and vacuum valve portion shall automatically exhaust large quantities of air during the filling of the pipeline and automatically allow air to reenter the pipeline when the internal pressure of the pipeline approaches a negative value due to column separation, draining of the pipeline, or other emergency. The air release valve portion shall automatically release small amounts of air from the pipeline while it is under pressure.

The inlet and outlet of the valve shall have the same cross-section area. The float shall be guided by a stainless steel guide shaft and seat 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.

Material Specification

Valve Size:

Main Valve Body and Cover:

Main Valve Trim:

End Detail:

Pressure Rating:

Temperature Range:

Rubber Material:

Desired Options:

The Combination Air Release and Vacuum Valve shall be Model 36 from Cla-Val Co., Newport Beach, CA, U.S.A.