



A better way to prevent return flow in Variable Speed Drive Pump Systems

Because they effectively control pressure, Variable Speed Pumps alleviate the need for pressure reducing valves at the booster pump station but a check valve is still needed to prevent return flow.

The Cla-Val Model 81-12 does the work of a standard wafer check valve and provides many additional benefits that make it an ideal choice for variable speed drive pump applications.

Operational advantages

- Better flow characteristics than a standard wafer check valve: Higher Cv
- Higher pressure rating: Up to 640 psi
- Better seating capabilities: closes drip tight
- Removable disc/diaphragm assembly for easy refurbishment without removal of the valve from the line
- NSF 61 approved
- Meets California AB1953 and Vermont S152 No Lead Requirements for drinking water systems
- Fusion bonded epoxy coating for maximum durability
- Additional functionality, such as pressure control, can be easily field retrofitted should system parameters change
- Complements variable speed drive pump applications where energy savings is one of the desired objectives



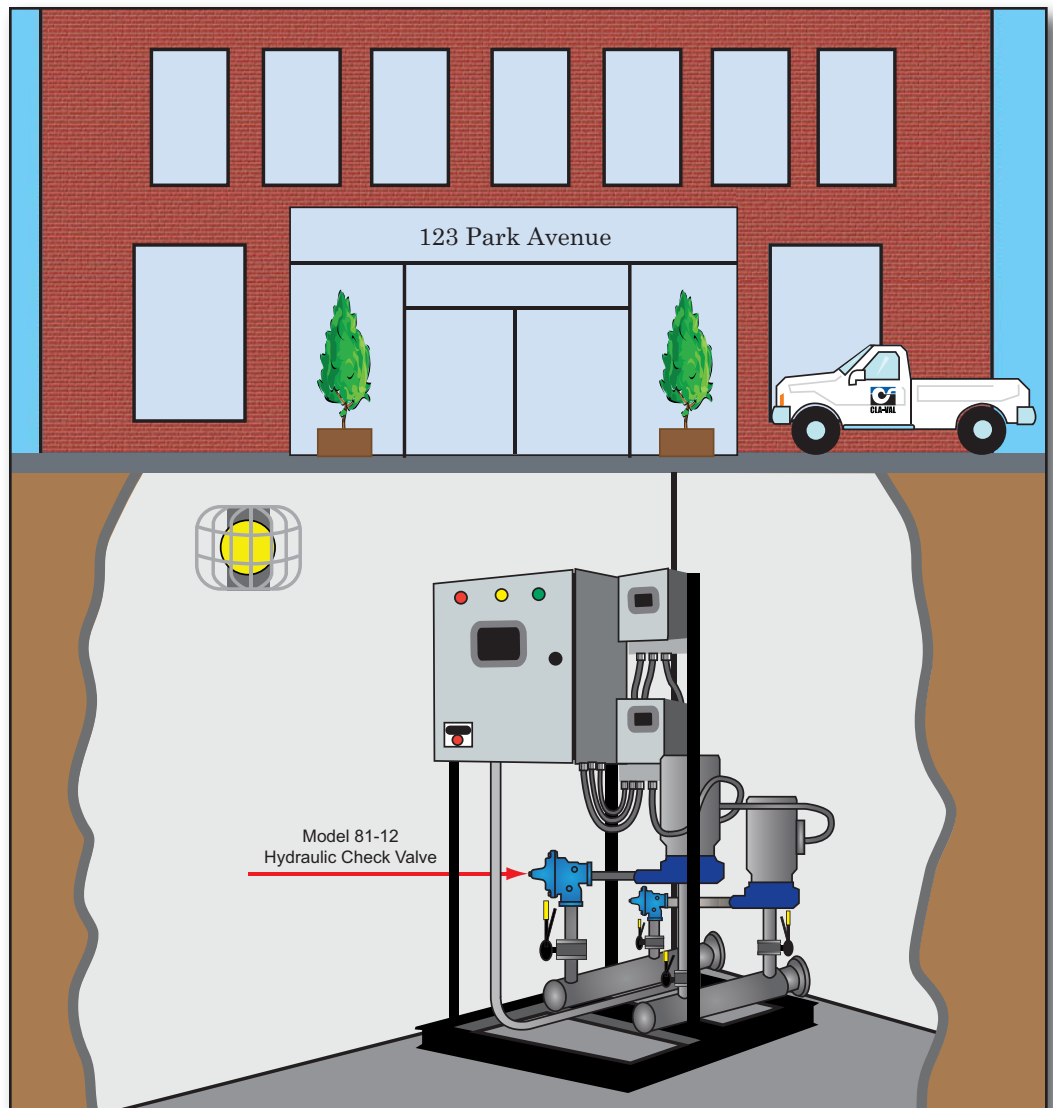
Model 81-12

Use this valve for Variable Speed Driven Pump Systems at:

- Municipal Water Systems
- Hotels
- Hospitals
- Dormitories
- High Rise Office Bldgs
- High Rise Residential Bldgs
- Industrial Plants

Valve Characteristics:

- Non-slam operation
- Globe or Angle patterns
- Threaded, flanged or grooved connections
- No packing glands or stuffing boxes
- Optional Speed Controls
- Available in sizes 1-1/4 through 3-inches
- Alternate materials for special applications
- Position indication (X101) available



visit www.cla-val.com
and type "81 Series" in the search field

Innovation...Experience...Know-How

As a leading manufacturer of automatic control valves, Cla-Val has served the following markets since 1936:

- Waterworks
- Fire Protection
- Aviation Ground Fueling
- Marine and Shipboard Service

We offer many advantages to our customers worldwide, including the following:

- In-house Engineering Department
- Onsite investment and sand casting foundries able to pour more than 50 different metals and alloys
- 20-acre manufacturing facility in Costa Mesa, CA
- Production facilities in Perris, CA; Ontario, Canada; Switzerland; the United Kingdom; and France
- Extensive technical training capabilities

Visit us online at www.cla-val.com



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M-81-12 Variable Speed Pump (R-6/2011)

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