

Hydrovex® CCV & LCV Check Valves



CCV Check Valve



LCV Check Valve

The Hydrovex® CCV & LCV Check Valves are designed to have extremely low head loss in submerged conditions. Their Buna-N rubber flaps are resistant to oils and greases, and are much lighter than conventional cast iron or steel flaps.

All materials are corrosion resistant, with frames available in 304 or 316 stainless steel.

The Hydrovex® CCV is available in a gasketed flat back or round wall mounting configuration. Available sizes range from 4" to 24", with larger diameters available by request. A reinforced flap is available for high back pressure installations.

The Hydrovex® LCV check valve is designed for installations over weirs and slots. Available heights from 4" to 24", and in lengths up to 6 feet.

Advantages:

- Low headloss
- Minimal cracking pressure (less than 20% of the diameter or height)
- Minimal back pressure required for water-tight seating
- No mechanical components (bearings, bushings, etc.)
- Fast closing and seals properly, even with small downstream pressures
- Easy installation in existing overflow structures