

Electronic Timer Control



- **Precise Valve On-Off Control**
- **Completely Self-contained**
- **High Energy Efficiency**
- **Battery Life Exceeds 3 Years**
- **Retains Stored Data Even After Battery is Depleted**
- **Direct Control of Valve Opening and Closing 4 Times Daily**
- **Settings for the IP-68 submersible Timer Control can be input at the factory prior to shipping**
- **Combines with Pressure, Flow or Level Control**
- **Ideal for Remote Valve Location Control**

The Cla-Val CTC Electronic Timer Control is a battery powered, programmable on-off control used for opening and closing Cla-Val main valves according to time schedule. Up to four opening and closing times per day can be set for a weekly schedule.

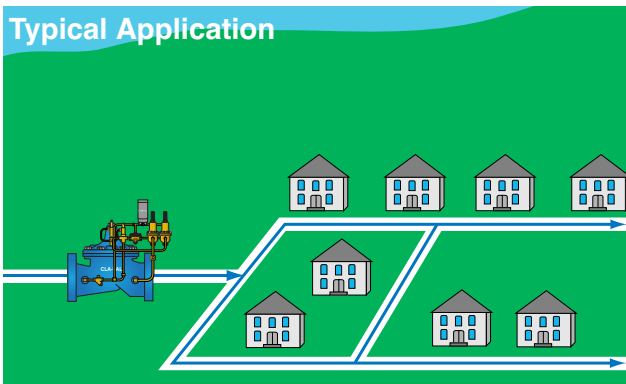
Timer function and parameters are changed using downloadable software from the Cla-Val website www.cla-val.com and special USB cable part number 20519203A. Future software and firmware upgrades will also be available from Cla-Val website. Powered by a long-life lithium battery, the CTC offers powerful valve control for remote locations and valve automation applications.

CTC Electronic Timer Control Specifications

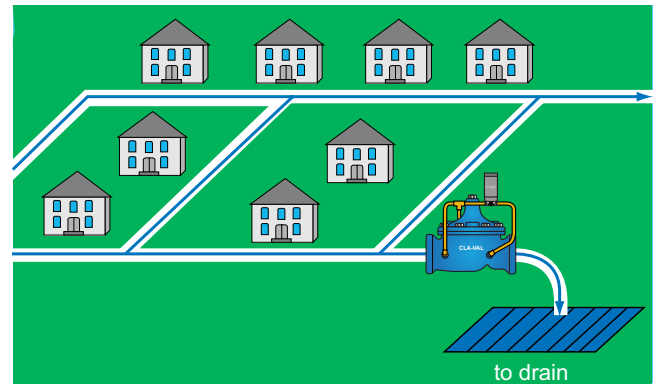
Pressure Connection: 1/4" NPT
 Operating Pressure: Maximum 145 psi (10 bar)
 Temperature Range: 14°F to 176°F (-10°C to + 80°C)
 Enclosure Protection: IP-68 (submersible)
 Battery Type: Lithium 9V/PP3
 Fluids: Water, others compatible with materials

Materials: Enclosure: PVC
 Valve Body: Glass Fired Nylon Body
 Seals: Buna-N®
 Programming Interface: Custom USB cable (1 m, supplied standard); Windows NT, 2000, XP, Vista
 Programming Software is free download from Cla-Val website.

Typical Application



The CTC Electronic Timer Control is used for pressure management applications in water distribution systems where SCADA control is not available. A Cla-Val Pressure Control Valve is programmed with CTC to change pressure during high flow and low flow demand times according to pre-engineered schedule reducing leaks and pipe burst frequency.



The CTC Electronic Timer Control is used in 139 Series Programmable Control Valves to automate circulating water requirements in distribution system applications. Valve opening and closing time of day and duration are programmed for convenient system flushing and circulating during times of low flow to optimize water quality.