

Cash Water Dispensing Station - Timed Output



The Cash Water Dispenser Station is a very simple and inexpensive way to dispense water in lines 1.5" and smaller. The components of the system include:

1. A single coin acceptor that can accept multiples of that coin at a time.
2. The Coin acceptor is in a Stainless Steel box which can be mounted to the wall.
3. A timer that provides power to open a hydraulic valve for a set period of time per coin. The timer can be set in increments of 10 seconds.
4. A hydraulic control On / Off valve where the coil receives power from the timer to activate.
5. A Reduced pressure backflow preventer as recommended by the AWWA Cross Connection Control committee.
6. A 12 DC power supply.

The Cash Water Dispenser system is not recommended for lines over 1.5 "for two reasons. First, on larger lines the hydraulic control valve will take longer to close and the amount of water that it will allow to flow after the time may be equal to the amount set per coin.

Second, this system is not volume based. It is set by time and as a result it is subject to fluctuations in line pressure. If there are significant swings in pressure in the system at the point of delivery, the difference will not be as significant in smaller lines.

The Cash Timed system may be incorporated with any of the other automated systems.