



HYDRO-GUARD[®] CONNECTED

FLUSHING SYSTEM



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CONNECTED!

HYDRO-GUARD®

WHY CONNECTED FLUSHING?



Remote Programming & Control

- The Sentryx-enabled Hydro-Guard Flushing System can be programmed remotely by way of the integrated cellular controller/logger used to communicate with the device.
- With the Connected Hydro-Guard Flushing System, flushing schedules can be altered remotely to enhance water quality and reduce the risk of freezing water lines.
- The integrated i20 controller not only allows for control of flush schedules and monitoring of water pressure from remote locations, it also allows for the monitoring of water temperature at the site.



Monitoring & Alerts

- The Connected Flushing System can be programmed to alert authorized personnel of when a flush event occurs.
- The Connected Hydro-Guard's ability to monitor water pressure at the installation site allows operators to know when a flush sequence starts and stops.
- Pressure thresholds can be set on the integrated i20 controller / logger that will enable pressure alerts to be delivered to authorized personnel.
- The onboard i20 controller / logger allows for an enhanced view of pressure events.



Data Logging & Reporting

- A digital record of the flush events, as well as water pressure and temperature, can be maintained for accurate reporting to Federal, state and local regulatory agencies.



Connectivity & Network Optimization

- The Connected Flushing System features a unique cellular eSIM that can locate and connect to the best available cellular network. The device is not locked into one carrier that may, or may not, connect. Where one carrier's signal is weak, the Hydro-Guard will locate a better signal and connect to that network.

FEATURES AND BENEFITS

- Connected to Sentryx management interface for 24/7 monitoring and device management.
- Use of eSIM to ensure a quality cellular connection.
- Digital recordkeeping for trend mapping, enhancement of hydraulic modeling, and regulatory reporting.
- Remote programming of flush schedules.
- Flushing, Pressure, and Water Temperature monitoring and alerting.
- OEM installed Dechlor System standard.
- OEM integrated Sampling System for water quality sample collection, standard.



AVAILABLE MODELS:

FW100 SERIES: Flushes to the ground; Bury Depth of either zero or 18"; Air Gap Backflow; Erosion Control Diffuser and Splash Plate; Integrated Dechlorination System; and Integrated Water Quality Sample Point.

FW200 SERIES: Flushes to a Directed Discharge point; Bury Depth of 18"; Air Gap, RPZ or Double Check Backflow; Integrated Dechlorination System; and Integrated Water Quality Sample Point.

FW600 SERIES: Emergency/Temporary Hydrant Flushing; Connects to most brands and heights; Flushes to the ground; Air Gap Backflow; Erosion Control Diffuser and Splash Plate; Integrated Dechlorination System; and Integrated Water Quality Sample Point.

FC300 SERIES: Flushes to a Directed Discharge point; Bury Depth of 48"; to 120"; Installs fully Below Ground in Meter Box; Double Check Backflow; Integrated 1" Meter Yoke; Integrated Dechlorination System; and Integrated Water Quality Sample Point.

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