

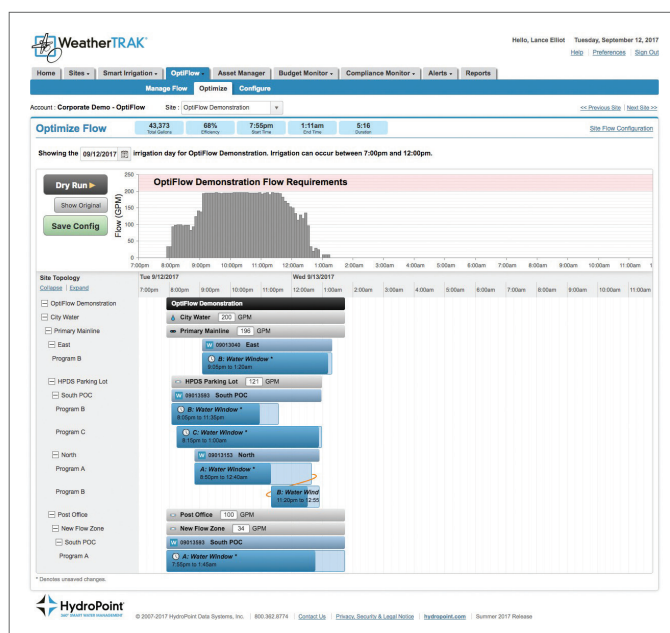
OptiFlow™ XR

POWERFUL ADVANCED FLOW MANAGEMENT, YET SURPRISINGLY EASY TO USE

WeatherTRAK® OptiFlow XR, our most powerful controller, delivers advanced flow management for an entire site in a visual and easy-to-use interface. By enabling controllers to share information in the cloud without cumbersome wires or hard-to-manage local radios, OptiFlow XR optimizes how, when and where watering takes place within your water windows, especially at sites with complex hydraulics. Drag-and-drop management makes it simple to learn and to use. In addition, the **eXtended Resolution** capability provides high-resolution flow rates that let you visually diagnose irrigation issues without visiting the site.



FLOW MAXIMIZED AND OPTIMIZED TO FIT YOUR WATER WINDOW, SIMPLY AND EASILY



The Optimize screen lets you modify water windows, adjust maximum flow rate, and graphically preview the irrigation schedule.

If you have a large site and are having trouble delivering the appropriate volume of water during your site's water window, OptiFlow XR was designed expressly for you.

OptiFlow XR uses the cloud to provide a scalable solution without the need for specialized hardware, additional computing power or networking requirements. Up to 100 controllers can share information and receive daily instructions about watering. Your site's maximum water flow potential is used to keep things running as close to your site's pipe hydraulic capacity as possible. All you need to do is define your water windows, station priorities and flow groups, then let OptiFlow XR perform optimization.

The power of OptiFlow XR comes from its ability to collect and share high-resolution flow rate and runtime data. This precise information is fed into HydroPoint algorithms and, in turn, becomes part of how a station's scheduling is orchestrated and station-level alerts generated. The result is flexible drag-and-drop management of optimized water windows based on engineering best practices. Landscape professionals get help managing site issues, and the landscape remains looking great.

OVERVIEW

- 12 to 96 stations - with backlit display and touch pad interface
- 6 station modularity
- Cellular radio service included
- 10-year warranty

Programming Features

- 8 programs with 5 program modes, 2 start times
- Program all settings remotely with WeatherTRAK Central
- Independent station programming
- Flexible water days and water windows per program to comply with regulations
- Simple and flexible fine tuning with % adjust per station
- Automated skip days based on zone specific soil moisture depletion
- Sports turf and high desert specific scheduling

Automated Scheduling

- Scheduling Engine optimizes by plant, soil, sprinkler, sun & slope
- Daily station-specific runtime adjustment using site-specific weather data
- Reduce run-off with automatic cycle and soak (72 cycles / station)
- Skip days based on station's soil moisture depletion
- Runtime rationing protects plant health under constricted water windows
- Stacked station manual watering from 1- 99 minutes

Hardware Features

- Support for up to 4 flow sensors, master valves and pump starts (number dependent on configuration)
- Up to 14 outputs energized simultaneously (8 programs, manual, pump, 4 MVs)
- Easily install #14 to #18 AWG wire into commercial grade screw-less terminal block
- Built-in handheld remote compatibility w/ RainMaster™ Pro-Max UA series with EX-32 cable or TRC™ Commander Series
- Built-in amp meter for fault protection and diagnostics
- Wall mount enclosure option in both cold-rolled steel and stainless steel; option to mount on small pedestal
- 4 stainless steel pedestal options
- 5 chassis options to quickly retrofit existing high value pedestals
- Non-volatile memory stores settings without battery up to 10 years
- High lightning protection

OptiFlow Features

- Mainline / catastrophic break detection and shutdown*
- WeatherTRAK True Leak Detection and leak management*
- Flow optimize controllers across the entire site daily based on schedule
- Flow optimization supported for all station modes
- Shorten water windows based on site's hydraulic pipe infrastructure
- Real-time station-specific flow monitoring and control*
- Learn flow rates on all controllers, all stations from a single flow sensor*
- Fault detection, diagnostics and alerts*
- Supports up to 4 flow sensor inputs and master valve outputs
- Supports normally open or normally closed master valves
- Supports Data Industrial™, CST™, Netafim™ flow sensors and custom K and offset values
- Compatible with WeatherTRAK FlowLink™, FlowShare™, Flow3 and FlowHD

* Requires flow sensor

INCLUDES WEATHERTRAK CENTRAL

Real-time site control, visibility and management from a cloud-based application saves you time, money and manpower. Every controller comes with a one-year complementary subscription.

- Available any time, from anywhere, on any device
- Usage information, alarms and analysis
- Track irrigation asset inventory, and manage budgets & compliance
- Dashboard and extensive reports
- Mobile access from Apple iOS and Android devices

Electrical & Enclosure Specifications

Input Power 120 VAC +/- 10%, (60 Hz) or 220 VAC +/- 10%, (60 Hz)

Output Power 24 VAC (60 Hz)

- 1.0 Amp (1000mA) max per station output including a pump start
- 1.0 Amp (1000mA) max per master valve output
- 3.0 Amps (80 VA) total load

Up to 14 terminal outputs energized simultaneously
(8 programs, manual, pump, MV1, MV2, MV3, MV4)

Consumptive Idle State: 2.5 Watts

Power Maximum Power Requirements for Irrigation State: 70 Watts

Certifications EPA WaterSense Approved, FCC Certified, UL Listed, 100% SWAT-tested

Enclosure Options

Wall Mount Enclosures

- 16 gauge wall mount enclosure available in stainless and cold rolled steel
- Key-hole mounting for wall mount enclosures makes it easy to install
- Easily adapts to a small 14 gauge pedestal, also available in two different finishes

VIT Strong Box Stainless Steel Pedestal Enclosures

Retrofit Chassis for Existing Enclosures

All come with key lock entry
UL listed, NEMA-3R weather-resistant

Model Selector

MODEL	COMM TYPE	STATIONS
WTOXR	C = Central	12, 18, 24, 30, 36, 42, 48, 72, or 96 2-wire available in 48 and 96 stations. Order 2W48 or 2W96
ENCLOSURE TYPES		
Wall Mount		Chassis
CWM = Cold Rolled Steel †		CH1 = 18" x 18" cabinet †
SWM = Stainless Steel †		CH2 = 18" x 36" cabinet †
Stainless Steel Pedestal		CH4 = 16" x 38" cabinet †
SPS = Light Duty Stainless *		CH5 = 16.75" x 18" cabinet †
SPH = Heavy Duty Stainless *		CH7 = 11.25" x 12.875" †
SPT = Slope Top Stainless *		
STW = Slope Top Wide (72 & 96 only)		

† 72 & 96 station models consist of two separate wall mounted enclosures or chassis for mounting side by side or back to back

* 72 & 96 station models not available

Ordering Examples:

WTOXR - C - 36 - SWM = WT OptiFlow XR (36 st), Stainless Steel Enclosure

WTOXR - C - 72 - CWM = WT OptiFlow XR (72 st), 2 Cold Rolled Steel Enclosures (side x side)