

Technical Specifications

SLW ON-SITE WEATHER STATION

FEATURES

- Microprocessor records and processes weather data for use in establishing Auto Adjust run times on any SmartLine® controller
- Easily installs in minutes in any SmartLine® controller with the SLHUB
- Once the SLW is connected to SmartLine® all of the “Smart” features become available, saving you a significant amount of water.
- Rain shut-off settable from 1/8 – 3/4” (3 – 19mm)
- Extended rain delay adds time to rain events before deficits begin to accumulate
- Rain events decrement current deficits in the SmartLine® controller
- Freeze shut-off activated at 37°F (3.0°C)
- Unit can be mounted in sunlight or shade and in close proximity to the roofline
- On-board diagnostics indicate battery and communication status
- Remote battery strength measurement from the SmartLine® controller
- Weather data is used to create powerful reporting when connected to the SmartLink™ Network
- SLW1 – Includes 35 feet of cable. Maximum run distance for shielded cable wired units is 200 feet
- SLW5 – Maximum wireless distance from controller to weather station is 1,500 feet line of sight.

CONSTRUCTION

- Protective white solar shields allow normal air flow while protecting sensor from direct sunlight for accurate temperature readings and eliminating the need for regular cleaning and maintenance of the weather station
- Adjustable arm aluminum bracket for gutter thumb screw or wall mounting

ELECTRICAL SPECIFICATIONS

- SLW1 – No power/batteries required
- SLW5 – (3) AAA Lithium Batteries – 10-year battery life



SmartLine Weather Station	
Model	Description
SLW1	Wired Weather Station
SLW5	900MHz Wireless Weather Station



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SLW ON-SITE WEATHER STATION

WEATHER STATION(S) shall be model SLW1 manufactured by Weathermatic Sprinkler Division of Telsco Industries. Weather stations must be compatible for use with SmartLine irrigation controls.

CONSTRUCTION: Weather station shall be wired in design using bi-directional communication. Weather station shall have integrated on-site sensors for rain-shut off, freeze shut-off and calculation of daily evapotranspiration irrigation deficits. Weather station shall have an integral mounting bracket with a two-point articulating arm made from aluminum. Weather station shall be suitable for outdoor mounting in commercial or residential environments. Weather station shall be capable of two-way communications with the SmartLine controls and have independent power supply, self-diagnostic circuit and microprocessor.

OPERATION: Weather stations rain sensor shall be adjustable to interrupt irrigation after a user selected precipitation amount of 1/8th", 1/4", 1/2", 3/4". Weather station shall be capable of interrupting irrigation after temperatures reach below 37 degrees Fahrenheit. Weather station shall provide instant notification to the controller of either a rain or freeze event and upon clearing of the same. Evapotranspiration deficits shall be calculated daily and transferred to the SmartLine controller each day.

WARRANTY: Weather station shall have a manufacturer's limited warranty of two (2) years.

WEATHER STATION(S) shall be model SLW5 manufactured by Weathermatic Sprinkler Division of Telsco Industries. Weather stations must be compatible for use with SmartLine irrigation controls.

CONSTRUCTION: Weather station shall be 900 MHz wireless in design using bi-directional communication. Weather station shall have integrated on-site sensors for rain-shut off, freeze shut-off and calculation of daily evapotranspiration irrigation deficits. Weather station shall have an integral mounting bracket with a two-point articulating arm made from aluminum. Weather station shall be suitable for outdoor mounting in commercial or residential environments. Weather station shall be capable of two-way communications with the SmartLine controls and have independent power supply, self-diagnostic circuit and microprocessor.

OPERATION: Weather stations rain sensor shall be adjustable to interrupt irrigation after a user selected precipitation amount of 1/8th", 1/4" or 1/2", 3/4". Weather station shall be capable of interrupting irrigation after temperatures reach below 37 degrees Fahrenheit. Weather station shall provide instant notification to the controller of either a rain or freeze event and upon clearing of the same. Evapotranspiration deficits shall be calculated daily and transferred to the SmartLine controller each day.

WARRANTY: Weather station shall have a manufacturer's limited warranty of two (2) years.

