



IRRIGATION

PART 1 - PRODUCTS

1.1 WEATHER STATION

- A. Weather station shall be model SLW1 or SLW5 as indicated on the Drawings, manufactured by Weathermatic Sprinkler Division of Telsco Industries. Weather stations must be compatible for use with SmartLine irrigation controls.
 - 1. Weather station shall be 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.
- B. Weather stations rain sensor shall be adjustable to interrupt irrigation after a user selected precipitation amount of 1/8 inch, 1/4 inch, 1/2 inch or 3/4 inch. 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.
- C. Weather station shall have a manufacturer's warranty of two (2) years.

**SmartLine® Weather Stations
SLW15 or SLW5**

WEATHER STATION(S) shall be model SLW15 or 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 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 high-impact molded resin. Weather station shall be suitable for outdoor mounting in light-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". 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.

