Technical Specifications
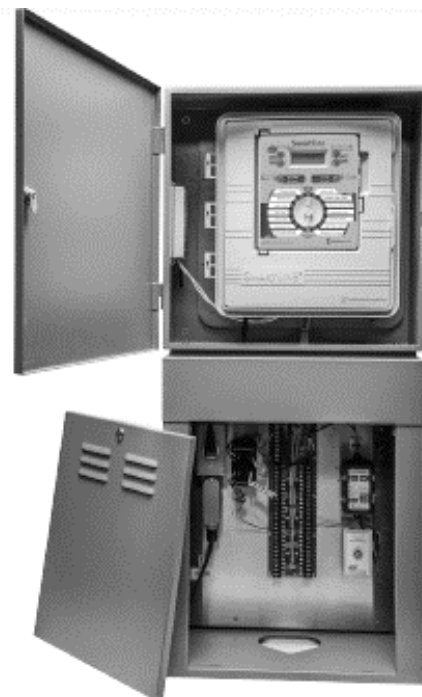## SLPE PRE-ASSEMBLY

FEATURES

- Pre-wired, pre-assembled & pre-tested - Takes the hassle out of mounting and wiring the controller and system components
- Thoroughly tested and ready for installation
- Includes pre-labeled terminal strips to make connecting valve wires and flow sensor/ master valves easy
- Available in 16, 24, 48 conventional wired station counts and 48 and 96 two-wire station counts
- Includes flow sensor options: CombiFlow, IsoFlow, and WireRide
- Enclosures available in stainless steel and powder coated steel options
- 2-year warranty including lightning

SMARTLINK BUNDLE FEATURES

- SmartLine controller, SLW5 Wireless Weather Station, SmartLink Aircard including subscription and extended warranty prepackaged in a single bundle all at an advertised price
- Multiple station count, flow, and control wire configurations to choose from
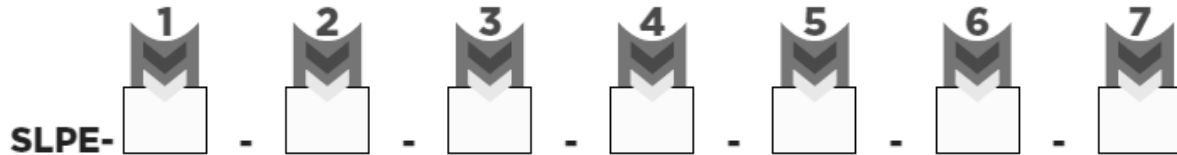- Everything you need prepacked in a bundle makes ordering and shipping simple

FEATURES

- SLPED-ENC-SS/M-1600 fits all SL1600 Series controllers
- SLPED-ENC-SS/M-4800 fits all SL4800 and SL9600TW Series controllers
- SLPED-SS Enclosure – 16-gauge stainless steel construction with brushed finish
- SLPED-M Enclosure – 16-gauge metal construction with powder-coated finish
- 2-part cabinet and pedestal mount model
- Filtered louvers for ventilation
- Cam style keylock
- Weather-resistant
- NEMA TYPE 3R rated with SmartLine controller installed
- SLPED-ENC-SS/M-1600 Dimensions – *13 ¼" W x 44¼" H x 6 ¼" D (33,66 cm x 112,40 cm x 15,88 cm)*
- SLPED-ENC-SS/M-4800 Dimensions – *19 ½" W x 44¼" H x 7 ¾" D (49,53 cm x 112,40 cm x 19,69 cm)*

Technical Specifications
SLPE PRE-ASSEMBLY

SLPE- ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐
(1) (2) (3) (4) (5) (6) (7)

1 ▶ Choose your bundle.

Code	Model	Description
16	SL1616-1YR-BUNDLE	SL1616 1 Year Bundle with 16 Zones
24	SL4824-1YR-BUNDLE	SL4824 1 Year Bundle with 24 Zones
48	SL4848-1YR-BUNDLE	SL4848 1 Year Bundle with 48 Zones
16F	SL1616-1YR-BUNDLE-FLOW	SL1616 1 Year Bundle with Flow with 16 Zones
24F	SL4824-1YR-BUNDLE-FLOW	SL4824 1 Year Bundle with Flow with 24 Zones
48F	SL4848-1YR-BUNDLE-FLOW	SL4848 1 Year Bundle with Flow with 48 Zones
48TW	SL9648TW-1YR-BUNDLE	SL9648 1-Year Bundle with 48 2-Wire Zones
96TW	SL9696TW-1YR-BUNDLE	SL9696 1-Year Bundle with 86 2-Wire Zones
48TWF	SL9648TW-1YR-BUNDLE-FLOW	SL9648 1-Year Bundle with 48 2-Wire Zones with Flow
96TWF	SL9696TW-1YR-BUNDLE-FLOW	SL9696 1-Year Bundle with 86 2-Wire Zones with Flow

2 ▶ Select your pedestal or enclosure.

Code	Model	Description
E48SS	SLPED-ENC-SS-4800	Stainless Steel Pedestal Enclosure for SL4800
E48M	SLPED-ENC-M4800	Metal Pedestal Enclosure for SL4800
E16SS	SLPED-ENC-SS-1600	Stainless Steel Pedestal Enclosure for SL1600
E16M	SLPED-ENC-M-1600	Metal Pedestal Enclosure for SL1600
W48SS	SLWM-SS-4800	Stainless Steel Wall Mount Enclosure for SL4800
W48M	SLWM-M-4800	Metal Wall Mount Enclosure for SL4800
W16SS	SLWM-SS-1600	Stainless Steel Wall Mount Enclosure for SL1600
W16M	SLWM-M-1600	Metal Wall Mount Enclosure for SL1600

3 ▶ Add CombiFlow.

Code	Model	Description
O	NONE	
XC*	SLF-COMBIFLOW-100	Combiner for 2 sensors / 1 controller

* X = quantity (add one additional CombiFlow unit per additional flow sensor)

4 ▶ Add ISOFlow.

Code	Model	Description
O	NONE	
300	SLF-ISOFLOW-300	Circuit isolator for 1 sensor / 2 controllers
306	SLF-ISOFLOW-306	Circuit isolator for 1 sensor / up to 6 controllers

5 ▶ Add WireRide.

Code	Model	Description
O	NONE	
W	SLF-WIRERIDE	Sensor communication on existing wire
WH	SLF-WIRERIDE-HYD	Hydrometer Communication on Existing Wire

6 ▶ Choose an antenna.

Code	Model	Description
O	SL-ANT	SmartLink Aircard Standard Antenna
B	SL-BLADE-ANTENNA	3dBi gain antenna with 3 foot cable and ground plane
HG	SL-HIGHGAIN-ANT-WB-3	Halfwave celular dual band antenna

7 ▶ Extend your subscription.

Code	Model	Extend Subscription Years*
1	SLPLAN1W	1 Year (No Flow)
3	SLPLAN3W	3 Years (No Flow)
5	SLPLAN5W	5 Years (No Flow)
10	SLPLAN10W	10 Years (No Flow)
1F	SLPLAN1FW	1 Year (Flow)
3F	SLPLAN3FW	3 Years (Flow)
5F	SLPLAN5FW	5 Years (Flow)
10F	SLPLAN10FW	10 Years (Flow)

* First Year Subscription Already Included

Technical Specifications
SLPE PRE-ASSEMBLY

SPECIFICATION

SMARTLINK SLPE PRE-ASSEMBLED ENCLOSURE(S) shall be a pre-wired, pre-assembled and pre-tested assembly as manufactured and assembled by Weathermatic Sprinkler Division of Telsco Industries.

SLPE shall include the mounting and wiring of the SmartLine controller, SmartLink Aircard and all system control components. Control system operation shall be tested and approved for installation. All terminal strips shall be pre-labeled.
The SLPE shall be available in 16, 24, 48 conventional wired station counts and 16, 24, 48, and 96 two-wire station counts and include flow sensor options for SLF-CombiFlow, SLF-IsoFlow, and SLF-WireRide devices.

WARRANTY: The SLPE Pre-Assembled Enclosure shall have a manufacturer's limited warranty of two (2) years

SLPED-ENC METAL/STAINLESS STEEL ENCLOSURES shall be model SLPED-ENC-SS/M-1600 or SLPED-ENC-SS/M-4800 as manufactured by Weathermatic Sprinkler Division of Telsco Industries.

CONSTRUCTION: Enclosures shall be fabricated from 16-gauge stainless steel or powder-coated metal. Enclosures shall be NEMA type 3R rated weather-resistant with filtered louvers for cross-ventilation. A removable door shall be mounted to the front of the cabinet and include a cam style keylock to restrict access to the cabinet.

SLPED-ENC-SS/M-1600 Enclosure shall measure 13 ¼" wide x 44 ¼" high x 6 ¼" deep.

SLPED-ENC-SS/M-4800 Enclosure shall measure 19 ½" wide x 44 ¼" high x 7 ¾" deep.

SMARTLINK BUNDLE(S) shall be SmartLine controller, SLW5 weather station, SL-Aircard, and annual subscription and extended warranty pre-packaged by Weathermatic Sprinkler Division of Telsco Industries.

SmartLink Bundles shall be available in multiple station count, flow, and control wire configurations.

CONTROLLER(S) shall be model SL1600, SL1624, SL4800, or SL9600TW as manufactured by Weathermatic Sprinkler Division of Telsco Industries. Controller(s) shall be a four (4) program, stand-alone controllers capable of operating up to 16, 24, 48, or 96 remote control valves. Controller(s) shall be compatible with SLW series weather station for fully automatic adjustment of seasonal irrigation schedules.

OPERATION: Controller(s) may be programmed to operate with either user supplied station run times or automatically calculated station run times based on SLW weather station data, sprinkler type, plant type, soil type and slope. Automatic water conservation shall be available using either twelve programmable monthly seasonal percentage adjustments or automatic ET based adjustments based on SLW series weather station real-time, on-site climate data. The user may select to move between timed station mode or ET mode without loss of programming information. Each program shall have eight independent start times, calendar schedules, watering budgets, and cycles for varying sprinkler types and soil percolation rates. Controller shall have a user-selectable cycle and soak feature, by program, and fully automatic cycle and soak based on sprinkler precipitation rates, soil type and slope for reduction of run-off. The controller shall be capable of storing a user-created default program which may be retrieved at a later date to replace any overrides or adjustments to scheduled operation. Controller shall have a standard pump start or master valve output which shall be programmable to operate on demand from any selected controller station. A programmable pump start/master valve delay shall be included in the pump circuit. years

AIRCARD(S) shall be SL-AIRCARD as manufactured by Weathermatic Sprinkler Division of Telsco Industries. SL-AIRCARD shall be compatible with indoor and outdoor suitable modular weather based controllers, configurable in 4, 8, 12, 16, 20, 24, 36 and 48 stations through the addition of 4 or 12 station modules, and equipped with on-site weather monitors with adjustable rain sensors.

CONSTRUCTION: Connectivity to controllers shall be through a cellular Aircard via RJ-11 phone line connection in the controller. Aircard shall be weatherproof for indoor or outdoor mounting with antenna included; optional high gain antenna.

OPERATION:
1. SL-AIRCARD shall be internet based application with no software to be applied on internet appliance
2. Unlimited data, unlimited number of users, and unlimited sites with no training, long term contracts or software required.
3. SL-AIRCARD shall allow all controller programming functions to be accomplished through the manufacturers Web interface.
4. Internet appliance can be a desktop computer, laptop computer, computer tablet and/or a smart phone with internet capability
5. Communication from the internet appliance to the controller will consist of a compound network utilizing cellular machine-to-machine data connections.
6.
7. SL-AIRCARD shall enable remote control operation through any mobile smart phone, computer tablet, or other mobile internet appliance.

SL-AIRCARD shall be activated through an online subscription. User shall have options as to number of years for activated subscription

Subscription shall include optional extended warranty to include coverage to the control system for lightning, theft, and physical damage for the length of service.

Technical Specifications
SLPE PRE-ASSEMBLY

WEATHER STATION(S) shall be SLW5 as 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 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 1/8", 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.