

Controller Assembly Options

MASTER LIST FOR WEATHERMATIC® CONTROLLER ASSEMBLY OPTIONS

WEATHERMATIC® OPTIONS (For Smart Line™ Controllers only)

PART#	DESCRIPTION
WMSLAC	SMART LINE™ SMARTLINK™ AIRCARD FOR WIRELESS SERVER ACCESS
WMSLACF	SMART LINE™ SMARTLINK™ AIRCARD FOR WIRELESS SERVER ACCESS w/FLOW
WMSP	SMART LINE™ WIRELESS SERVICE PLAN (Add quantity of years before part #)
WMSPF	SMART LINE™ WIRELESS SERVICE PLAN WITH FLOW (Add quantity of years before part #)
WMSL1	SMART LINE™ WIRED ON-SITE WEATHER MONITOR
WMSL1-P	SMART LINE™ WIRED ON-SITE WEATHER MONITOR W/ENCLOSURE & POLE MOUNT
WMSL5	SMART LINE™ WIRELESS ON-SITE WEATHER MONITOR
WMSL5-P	SMART LINE™ WIRELESS ON-SITE WEATHER MONITOR W/ENCLOSURE & POLE MOUNT
WMSLM16	SMART LINE™ DECODER EXPANSION MODULE - 16 STATIONS
WMSLM24	SMART LINE™ DECODER EXPANSION MODULE - 24 STATIONS
WMSLM48	SMART LINE™ DECODER EXPANSION MODULE - 48 STATIONS
WMSLDEC1	SMART LINE™ ONE STATION VALVE DECODER FOR TWO WIRE SYSTEM
WMSLDEC2	SMART LINE™ TWO STATION VALVE DECODER FOR TWO WIRE SYSTEM
WMSLDEC4	SMART LINE™ FOUR STATION VALVE DECODER FOR TWO WIRE SYSTEM
WMSLGDT	SMART LINE™ LIGHTNING ARRESTOR PROTECTION
GRD-K	GROUND ROD and CLAMP for DECODER GROUNDING
GP8-K	8' GROUND PLATE and 25' of #6 GROUND WIRE
GP3-K	3' GROUND PLATE and 10' of #6 GROUND WIRE

FLOW SENSING CABLE

PART#	DESCRIPTION
FSW16**	<p>FLOW SENSING CABLE –</p> <p>– 2 conductor 16 AWG solid copper covered .004 wall of stabilizing nylon. The conductors shall be twisted and in a single outer jacket of .027" high density polyethylene insulation. The two conductors shall be color coded with one conductor black and the other red. Maximum distance is 2000'.</p>

**It is recommended that Flow Sensing Cable be installed in conduit with pull boxes located every 250' and at all crossings. Please refer to the customers requirements for specific conduit size and pull box requirements.

Controller Assembly Options

SPECIFICATIONS FOR PRE- INSTALLED WEATHERMATIC CONTROLLER ASSEMBLY OPTIONS

Weathermatic SMARTLINE™ SMARTLINK™ Modem and Data Service Plan Options

PART#	DESCRIPTION
WMSLAC	SMART LINE™ SMARTLINK™ AIRCARD (This option is included with Assy. #ICAX-WM2) The Controller Assembly shall be provided with an SMARTLINK™ Aircard for the purpose of wireless access to the Weathermatic Wireless Landscape Network. A wireless network server plan (#WMSP-XX) must also be included to access the Wireless Landscape Network.
WMSLACF	SMART LINE™ SMARTLINK™ AIRCARD W/ FLOW (This option is included with Assy. #ICAX-WM3) The Controller Assembly shall be provided with an SMARTLINK™ Aircard with Flow Sensing capability for the purpose of wireless access to the Weathermatic Wireless Landscape Network. A wireless network server plan (#WMSP-XX) must also be included to access the Wireless Landscape Network.
WMSP	SMART LINE™ WIRELESS SERVICE PLAN (Indicate # of years before part #) The Controller Assembly shall be provided with a wireless service plan to access the Weathermatic Wireless Landscape Network using the Smart Line™ Smartlink™ Aircard for the purpose of managing the Smart Line™ controller via a computer/server. Multiple years are available, however, the quantity must be listed prior to part #, i.e. XWMSP.
WMSPF	SMART LINE™ WIRELESS SERVICE PLAN WITH FLOW (Indicate # of years before part #) The Controller Assembly shall be provided with a wireless service plan with flow to access the Weathermatic Wireless Landscape Network using the Smart Line™ Smartlink™ Aircard for the purpose of managing the Smart Line™ controller via a computer/server. Multiple years are available, however, the quantity must be listed prior to part #, i.e. XWMSPF

Weathermatic SMARTLINE™ SMARTLINK™ Weather Station Monitor Options

PART#	DESCRIPTION
WMSL1	SMART LINE™ ON-SITE WEATHER MONITOR The Controller Assembly shall be provided with an On-Site Weather Monitor for the purpose of processing weather data for use in establishing Auto Adjust run times in the Smart Line™ controller. The SLW10 includes on-site measurement of ambient air temperature for use in ET calculation and prevention of watering in freezing conditions. The SLW10 also includes an on-site rain sensing device to prevent watering during rainy conditions and decrements accumulated ET deficits. The SLW10 is designed to be hardwired from a nearby Smart Line™ controller no more than 1950 feet away and must be mounted in an open, non-obstructed area for best performance. 50 feet of communication cable is included with the SLW10 Monitor.
WMSL1-P	SMART LINE™ ON-SITE WEATHER MONITOR W/ ENCLOSURE & POLE MOUNT The Controller Assembly shall be provided with an On-Site Weather Monitor for the purpose of processing weather data for use in establishing Auto Adjust run times in the Smart Line™ controller. The SLW10 includes on-site measurement of ambient air temperature for use in ET calculation and prevention of watering in freezing conditions. The SLW10 also includes an on-site rain sensing device to prevent watering during rainy conditions and decrements accumulated ET deficits. The SLW10 is designed to be hardwired from a nearby Smart Line™ controller no more than 1950 feet away and must be mounted in an open, non-obstructed area for best performance. 50 feet of communication cable is included with the SLW10 Monitor. #WMSL1-P Includes enclosure for sensor and galvanized pole for mounting.
WMSL5	SMART LINE™ WIRELESS ON-SITE WEATHER MONITOR The Controller Assembly shall be provided with an On-Site Weather Monitor for the purpose of processing weather data for use in establishing Auto Adjust run times in the Smart Line™ controller. The SLW15 includes on-site measurement of ambient air temperature for use in ET calculation and prevention of watering in freezing conditions. The SLW15 also includes an on-site rain sensing device to prevent watering during rainy conditions and decrements accumulated ET deficits. The SLW15 is designed to communicate via wireless to a nearby Smart Line™ controller.

Controller Assembly Options

SPECIFICATIONS FOR PRE- INSTALLED WEATHERMATIC CONTROLLER ASSEMBLY OPTIONS

Weathermatic SMARTLINE™ SMARTLINK™ Weather Station Monitor Options Cont.

PART#	DESCRIPTION
WMSL5-P	<p>SMART LINE™ WIRELESS ON-SITE WEATHER MONITOR W/ ENCLOSURE & POLE MOUNT</p> <p>The Controller Assembly shall be provided with an On-Site Weather Monitor for the purpose of processing weather data for use in establishing Auto Adjust run times in the Smart Line™ controller. The SLW15 includes on-site measurement of ambient air temperature for use in ET calculation and prevention of watering in freezing conditions. The SLW15 also includes an on-site rain sensing device to prevent watering during rainy conditions and decrements accumulated ET deficits. The SLW15 is designed to communicate via wireless to a nearby Smart Line™ controller. #WMSL5-P Includes enclosure for sensor and galvanized pole for mounting.</p>

Weathermatic SMARTLINE™ SMARTLINK™ Two Wire Expansion Module Options

PART#	DESCRIPTION
WMSLM16	<p>SMART LINE™ TWO-WIRE DECODER EXPANSION MODULE (16 STATION)</p> <p>The Controller Assembly shall be provided with a Decoder Expansion Module for the purpose of converting a 16 station Smart Line™ standard Controller to a 48 station two-wire decoder system. The module will be pre-installed in the controller.</p>
WMSLM24	<p>SMART LINE™ TWO-WIRE DECODER EXPANSION MODULE (24 STATION)</p> <p>The Controller Assembly shall be provided with a Decoder Expansion Module for the purpose of converting a 16 station Smart Line™ standard Controller to a 48 station two-wire decoder system. The module will be pre-installed in the controller.</p>
WMSLM48	<p>SMART LINE™ TWO-WIRE DECODER EXPANSION MODULE (48 STATION)</p> <p>The Controller Assembly shall be provided with a Decoder Expansion Module for the purpose of converting a 16 station Smart Line™ standard Controller to a 48 station two-wire decoder system. The module will be pre-installed in the controller.</p>

Weathermatic SMARTLINE™ SMARTLINK™ Two Wire Decoder Options

PART#	DESCRIPTION
WMSLDEC1	<p>SMART LINE™ ONE STATION DECODER</p> <p>The Controller Assembly shall be provided with a single valve field Decoder for the purpose of providing an interface between the Smart Line™ Decoder Model Controller (#WMSLM48) controllers to each valve. The WMSLDEC1 is capable of a <u>single output with one valve maximum</u>. The recommended splice kit shall be 3M #DBY. For two additional Field Decoders use # 2WMSLDEC1, for three, use 3WMSLDEC1 etc., up to a maximum of 48WMSLDEC1. The number of decoders required is based on the number of valves controlled by the Smart Line™ Decoder Model Controller. The WMSLDEC1 may be used separately or in combination with other Field Decoder models such as the WMSLDEC2, and WMSLDEC4. The WMSLDEC1 is ideal for one or two valve manifold locations. The Field Decoder may be installed in a valve box or direct buried.</p>
WMSLDEC2	<p>SMART LINE™ TWO STATION DECODER</p> <p>The Controller Assembly shall be provided with a two-valve field Decoder for the purpose of providing an interface between the Smart Line™ Decoder Model Controller (#WMSLM48) controllers to each valve. The WMSLDEC2 is capable of a <u>single output with one valve maximum</u>. The recommended splice kit shall be 3M #DBY. For two additional Field Decoders use # 2WMSLDEC2, for three, use 3WMSLDEC2 etc., up to a maximum of 24WMSLDEC2. The number of decoders required is based on the number of valves controlled by the Smart Line™ Decoder Model Controller. The WMSLDEC2 may be used in separately or in combination with other Field Decoder models such as the WMSLDEC1, and WMSLDEC4. The WMSLDEC2 is ideal for one or two valve manifold locations. The Field Decoder may be installed in a valve box or direct buried.</p>

Controller Assembly Options

SPECIFICATIONS FOR PRE- INSTALLED WEATHERMATIC CONTROLLER ASSEMBLY OPTIONS

Weathermatic SMARTLINE™ SMARTLINK™ Two Wire Decoder Options Cont.

PART#	DESCRIPTION
WMSLDEC4	<p>SMART LINE™ FOUR STATION DECODER</p> <p>The Controller Assembly shall be provided with a two-valve field Decoder for the purpose of providing an interface between the Smart Line™ Decoder Model Controller (#WMSLM48) controllers to each valve. The WMSLDEC4 is capable of a single output with one valve <u>maximum</u>. The recommended splice kit shall be 3M #DBY. For two additional Field Decoders use # 2WMSLDEC4, for three, use 3WMSLDEC4 etc., up to a maximum of 12WMSLDEC4. The number of decoders required is based on the number of valves controlled by the Smart Line™ Decoder Model Controller. The WMSLDEC4 may be used in separately or in combination with other Field Decoder models such as the WMSLDEC1, and WMSLDEC2. The WMSLDEC4 is ideal for one or two valve manifold locations. The Field Decoder may be installed in a valve box or direct buried.</p>

Weathermatic SMARTLINE™ SMARTLINK™ Two Wire Surge and Grounding Options

PART#	DESCRIPTION
WMSLGDT	<p>SMART LINE™ LIGHTNING ARRESTOR PROTECTION</p> <p>The Controller Assembly shall be provided with Lightning Arrestor Protection for the purpose of protecting the two-wire system from electrical surges.</p>
GRD-K	<p>GROUND ROD and CLAMP for DECODER GROUNDING</p> <p>The Controller Assembly shall be provided with a Ground Rod and Clamp for the purpose of providing grounding protection to the controller electrical and field installed Weathertrak® Surge Protection Decoders (#HPSP or HP2SP).</p>
GP8-K	<p>8' GROUND PLATE and 25' of #6 GROUND WIRE</p> <p>The Controller Assembly shall be provided with a 4" x 96" Copper Ground Plate, and 25' of #6 ground wire for the purpose of providing grounding protection to the controller electrical components or field installed Weathertrak® Surge Protection Decoders (#HPSP or HP2SP). The #GP8-K Kit shall be used primarily with an 8' Ground Rod per National Electric Code requirements for grounding. Includes 2- 50 lb. bags of PowerFill™ or PowerSet® backfill material for ground plate installation.</p>
GP3-K	<p>3' GROUND PLATE and 10' of #6 GROUND WIRE</p> <p>The Controller Assembly shall be provided with a 4" x 36" Copper Ground Plate, and 10' of #6 ground wire for the purpose of providing grounding protection to the controller electrical components and field installed Weathertrak® Surge Protection Decoders (#HPSP or HP2SP). The #GP3-K Kit shall be used primarily on two wire decoder system path grounding along with the specific manufacturer's surge suppression device per each specific manufacturer's grounding requirements. Includes 1- 50 lb. bag of PowerFill™ or PowerSet® backfill material for ground plate installation.</p>