

Controller Assembly Options

MASTER LIST FOR HYDROPOINT WEATHERTRAK® CONTROLLER OPTIONS

SERVICE PLAN OPTIONS

WEATHERTRAK® ET PRO3™ CENTRAL CONTROLLER 12-48 Stations (Two-Way GPRS Wireless)

Plan	DESCRIPTION
HP3SP-1	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 1 ADDITIONAL YEAR
HP3SP-2	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 2 ADDITIONAL YEARS
HP3SP-3	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 3 ADDITIONAL YEARS
HP3SP-4	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 4 ADDITIONAL YEARS
HP3SP-5	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 5 ADDITIONAL YEARS
HP3SP-6	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 6 ADDITIONAL YEARS
HP3SP-7	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 7 ADDITIONAL YEARS
HP3SP-8	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 8 ADDITIONAL YEARS
HP3SP-9	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 9 ADDITIONAL YEARS

WEATHERTRAK®™ CENTRAL ETPRO3 XL CONTROLLER 49+ Stations (Two-Way GPRS Wireless)

Plan	DESCRIPTION
HP3SPXL-1	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 1 ADDITIONAL YEAR
HP3SPXL-2	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 2 ADDITIONAL YEARS
HP3SPXL-3	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 3 ADDITIONAL YEARS
HP3SPXL-4	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 4 ADDITIONAL YEARS
HP3SPXL-5	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 5 ADDITIONAL YEARS
HP3SPXL-6	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 6 ADDITIONAL YEARS
HP3SPXL-7	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 7 ADDITIONAL YEARS
HP3SPXL-8	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 8 ADDITIONAL YEARS
HP3SPXL-9	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 9 ADDITIONAL YEARS

WEATHERTRAK® ET PRO3™ CENTRAL CONTROLLER WITH OPTIFLOW XR 12-48 Stations (Two-Way GPRS Wireless)

Plan	DESCRIPTION
HP3SPOPT-1	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 1 ADDITIONAL YEAR
HP3SPOPT-2	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 2 ADDITIONAL YEARS
HP3SPOPT-3	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 3 ADDITIONAL YEARS
HP3SPOPT-4	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 4 ADDITIONAL YEARS
HP3SPOPT-5	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 5 ADDITIONAL YEARS
HP3SPOPT-6	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 6 ADDITIONAL YEARS
HP3SPOPT-7	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 7 ADDITIONAL YEARS
HP3SPOPT-8	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 8 ADDITIONAL YEARS
HP3SPOPT-9	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 9 ADDITIONAL YEARS

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SERVICE PLAN OPTIONS

**WEATHERTRAK®™ CENTRAL ETPRO3 XL CONTROLLER WITH OPTIFLOW XR 49+ Stations
(Two-Way GPRS Wireless)**

Plan	DESCRIPTION
HP3XLSPOPT-1	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 1 ADDITIONAL YEAR
HP3XLSPOPT-2	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 2 ADDITIONAL YEARS
HP3XLSPOPT-3	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 3 ADDITIONAL YEARS
HP3XLSPOPT-4	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 4 ADDITIONAL YEARS
HP3XLSPOPT-5	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 5 ADDITIONAL YEARS
HP3XLSPOPT-6	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 6 ADDITIONAL YEARS
HP3XLSPOPT-7	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 7 ADDITIONAL YEARS
HP3XLSPOPT-8	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 8 ADDITIONAL YEARS
HP3XLSPOPT-9	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 9 ADDITIONAL YEARS

FLOW OPTIONS

PART #	DESCRIPTION
HP-FL2	2ND FLOW SENSOR and MASTER VALVE KEY (for 36 station or greater ET PRO3)
HP-FSST	FLOW SHARE (Allows two controllers to share a single flow sensor & master valve)

ANTENNA OPTIONS

PART #	DESCRIPTION
ANT-GPR	900 MHz GPRS STYLE MONOPOLE ANTENNA

DECODERS – To be used with Decoder Controllers Only – ET PRO3 or H20 Version Controllers

PART #	DESCRIPTION
HPDEC	SINGLE STATION DECODER FOR WEATHERTRAK® ET PRO3 CONTROLLERS.
HPSD	SENSOR DECODER FOR WEATHERTRAK® ET PRO3 CONTROLLERS.
HP2DEC1	SINGLE STATION DECODER FOR WEATHERTRAK® H20 CONTROLLERS.
HP2DEC2	TWO STATION DECODER FOR WEATHERTRAK® H20 CONTROLLERS.
HP2DECMV	MASTER VALVE DECODER FOR WEATHERTRAK® H20 CONTROLLERS.
HP2DECFS	FLOW SENSOR DECODER FOR WEATHERTRAK® H20 CONTROLLERS.
HP2DECPS	PUMP START DECODER FOR WEATHERTRAK® H20 CONTROLLERS.
HPHCP	HAND HELD DECODER PROGRAMMER (For field programming)

Controller Assembly Options

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SERVICE PLAN OPTIONS

SURGE PROTECTION – To be located every 5 Decoders or every 500’ on two wire path

PART #	DESCRIPTION
HPSP	LINE SURGE PROTECTION DECODER FOR WEATHERTRAK® ET PRO3 CONTROLLERS.
HP2SP	LINE SURGE PROTECTION DECODER FOR WEATHERTRAK® OPTIFLOW XR H2O CONTROLLERS. 8’ GROUND ROD and CLAMP KIT (To be installed at every HDSP or HD2SP location).
GRD-K	8’ GROUND PLATE KIT with 25’ of #6 GROUNDING WIRE (To be installed at Controller location).
GP8-K	3’ GROUND PLATE KIT with 10’ of #6 GROUNDING WIRE (To be installed at every HDSP or HD2SP location).
GP3-K	WEATHERTRAK™ WIRELESS DATA SERVICE PLAN 49+ STATIONS – 5 ADDITIONAL YEARS

DECODER CABLE (Specified and purchased separately)

PART #	DESCRIPTION
P-7072D**	<p>PAIGE ELECTRIC COMMUNICATION CABLE – 14 AWG/2 Conductor “MAXI” Cable with two type UF wires with a PE outer jacket. The colors of the outer jacket shall be as called-for in the irrigation plans and specifications. Multiple colors available.</p> <p>**It is recommended that Decoder and Flow Sensing Cable be installed in conduit with pull boxes located every 250’ and at all crossings. Please refer to the customer’s specific requirement for conduit size and pull box locations.</p> <p>NOTE: 3M DBY or DBR connectors shall be provided with each decoder</p>

Controller Assembly Options

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Data Service Plans

ET PR03 Central Controller 12-48 Stations (Two-Way GPRS Wireless)

Plan	DESCRIPTION
HP3SP-1	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 1 ADDITIONAL YEAR The Controller Assembly shall be provided with 1 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SP-2	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 2 ADDITIONAL YEAR The Controller Assembly shall be provided with 2 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SP-3	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 3 ADDITIONAL YEAR The Controller Assembly shall be provided with 3 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SP-4	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 4 ADDITIONAL YEAR The Controller Assembly shall be provided with 4 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SP-5	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 5 ADDITIONAL YEAR The Controller Assembly shall be provided with 5 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SP-6	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 6 ADDITIONAL YEAR The Controller Assembly shall be provided with 6 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SP-7	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 7 ADDITIONAL YEAR The Controller Assembly shall be provided with 7 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SP-8	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 8 ADDITIONAL YEAR The Controller Assembly shall be provided with 8 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SP-9	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 9 ADDITIONAL YEAR The Controller Assembly shall be provided with 9 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>

Controller Assembly Options

MASTER LIST FOR HYDROPOINT WEATHERTRAK® CONTROLLER OPTIONS

Data Service Plans

WEATHERTRAK®™ CENTRAL ETPRO3 XL CONTROLLER 49+ Stations (Two-Way GPRS Wireless)

Plan	DESCRIPTION
HP3SPXL-1	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 1 ADDITIONAL YEAR The Controller Assembly shall be provided with 1 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPXL-2	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 2 ADDITIONAL YEAR The Controller Assembly shall be provided with 2 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPXL-3	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 3 ADDITIONAL YEAR The Controller Assembly shall be provided with 3 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPXL-4	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 4 ADDITIONAL YEAR The Controller Assembly shall be provided with 4 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPXL-5	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 5 ADDITIONAL YEAR The Controller Assembly shall be provided with 5 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPXL-6	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 6 ADDITIONAL YEAR The Controller Assembly shall be provided with 6 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPXL-7	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 7 ADDITIONAL YEAR The Controller Assembly shall be provided with 7 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPXL-8	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 8 ADDITIONAL YEAR The Controller Assembly shall be provided with 8 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPXL-9	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 9 ADDITIONAL YEAR The Controller Assembly shall be provided with 9 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>

Controller Assembly Options

MASTER LIST FOR HYDROPOINT WEATHERTRAK® CONTROLLER OPTIONS

Data Service Plans

WEATHERTRAK® ET PRO3™ CENTRAL CONTROLLER WITH OPTIFLOW XR 12-48 Stations (Two-Way GPRS Wireless)

Plan	DESCRIPTION
HP3SPOPT-1	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 1 ADDITIONAL YEAR The Controller Assembly shall be provided with 1 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPOPT-2	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 2 ADDITIONAL YEAR The Controller Assembly shall be provided with 2 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPOPT-3	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 3 ADDITIONAL YEAR The Controller Assembly shall be provided with 3 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPOPT-4	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 4 ADDITIONAL YEAR The Controller Assembly shall be provided with 4 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPOPT-5	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 5 ADDITIONAL YEAR The Controller Assembly shall be provided with 5 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPOPT-6	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 6 ADDITIONAL YEAR The Controller Assembly shall be provided with 6 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPOPT-7	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 7 ADDITIONAL YEAR The Controller Assembly shall be provided with 7 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPOPT-8	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 8 ADDITIONAL YEAR The Controller Assembly shall be provided with 8 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3SPOPT-9	<p>WIRELESS DATA SERVICE PLAN 12-48 STATIONS – 9 ADDITIONAL YEAR The Controller Assembly shall be provided with 9 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>

Controller Assembly Options

MASTER LIST FOR HYDROPOINT WEATHERTRAK® CONTROLLER OPTIONS

Data Service Plans

WEATHERTRAK®™ CENTRAL ETPRO3 XL CONTROLLER WITH OPTIFLOW XR 49+ Stations (Two-Way GPRS Wireless)

Plan	DESCRIPTION
HP3XLSP0PT-1	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 1 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 1 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3XLSP0PT-2	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 2 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 2 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3XLSP0PT-3	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 3 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 3 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3XLSP0PT-4	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 4 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 4 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3XLSP0PT-5	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 5 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 5 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3XLSP0PT-6	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 6 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 6 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3XLSP0PT-7	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 7 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 7 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3XLSP0PT-8	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 8 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 8 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>
HP3XLSP0PT-9	<p>WIRELESS DATA SERVICE PLAN 49+ STATIONS – 9 ADDITIONAL YEAR</p> <p>The Controller Assembly shall be provided with 9 additional year of Two-Way GPRS Wireless Data Service Plan for the purpose of allowing wireless service and access to the Weathertrak® website.</p>

Controller Assembly Options

MASTER LIST FOR HYDROPOINT WEATHERTRAK® CONTROLLER OPTIONS

ASSEMBLY OPTIONS

FLOW SENSOR OPTIONS

PART #	DESCRIPTION
HP-FL2	<p>2ND FLOW SENSOR AND MASTER VALVE ACCESS KEY The Controller Assembly shall be provided with a key access to add and utilize a second flow sensor and master valve for 36 station or greater Weathertrak® ET PRO3 Controllers.</p>
HP-FLXT+	<p>FLOWLINK XT+ The Controller Assembly shall be provided with a Flow Link XT+ for the purpose of linking an existing pair of wires to a master valve and flow sensor using a pre-mounted FlowLink Controller Transceiver and field installed FlowLink Field Transceiver and FlowLink Extended Station Transceiver.</p>
HP-FSST	<p>FLOW SHARE (Two controllers to share one flow sensor and master valve) The Controller Assembly shall be provided Flow Share module to allow two controllers to share a single flow sensor and master valve. Provides control for either normally open or normally closed master valve.</p>

HIGH GAIN ANTENNA FOR GPRS COMMUNICATION

PART #	DESCRIPTION
ANT-GPR	<p>900 MHz GPRS STYLE MONOPOLE ANTENNA The Controller Assembly shall be provided with a 900 MHz GPRS 18" Monopole Antenna for the purpose for increasing the wireless signal to an ETPRO3 Controller. The Twin Frequency Antenna receives signal by 36 points, when needed.</p>

DECODERS – To be used with Decoder Controllers Only – ET PRO3 or H20 Version Controllers

PART #	DESCRIPTION
HPDEC	<p>SINGLE STATION DECODER FOR ETPRO3 VERSION CONTROLLER ONLY The Decoder System Assembly shall be provided with a single valve field Decoder for the purpose of providing an interface between the controller decoder module and each valve. Each Decoder shall be field programmed. The HPDEC is capable of a single output with one valve maximum. The recommended splice kit shall be 3M #DBY. The Decoder may be installed in a valve box or direct buried.</p>
HPSD	<p>FLOW SENSOR DECODER FOR ETPRO3 VERSION CONTROLLER ONLY The Decoder System Assembly shall be provided with a single sensor Decoder for the purpose of providing an interface between the controller decoder module and flow sensor. Each Decoder shall be field programmed. The HPSD is capable of a single output with one flow sensor. The recommended splice kit shall be 3M #DBY. The Decoder may be installed in a valve box or direct buried.</p>

Controller Assembly Options

MASTER LIST FOR HYDROPOINT WEATHERTRAK® CONTROLLER OPTIONS

ASSEMBLY OPTIONS

DECODERS – To be used with Decoder Controllers Only – ET PRO3 or H2O Version Controllers (Cont.)

PART #	DESCRIPTION
	SINGLE STATION DECODER FOR H2O VERSION CONTROLLER ONLY
HP2DEC1	The Decoder System Assembly shall be provided with a single valve field Decoder for the purpose of providing an interface between the controller decoder module and each valve. Each Decoder shall be field programmed. The HP2DEC1 is capable of a single output with one valve maximum. The recommended splice kit shall be 3M #DBY. The Decoder may be installed in a valve box or direct buried.
	TWO STATION DECODER FOR H2O VERSION CONTROLLER ONLY
HP2DEC2	The Decoder System Assembly shall be provided with a two valve field Decoder for the purpose of providing an interface between the controller decoder module and two adjacent valves. Each Decoder shall be field programmed. The HP2DEC2 is capable of a two outputs with two valve maximum. The recommended splice kit shall be 3M #DBY. The Decoder may be installed in a valve box or direct buried.
	SINGLE STATION MASTER VALVE DECODER FOR H2O VERSION CONTROLLER ONLY
HP2DECMV	The Decoder System Assembly shall be provided with a single master valve field Decoder for the purpose of providing an interface between the controller decoder module and master valve. Each Decoder shall be field programmed. The HP2DECMV is capable of a single output with one master valve maximum. The recommended splice kit shall be 3M #DBY. The Decoder may be installed in a valve box or direct buried.
	FLOW SENSOR DECODER FOR H2O VERSION CONTROLLER ONLY
HP2DECFS	The Decoder System Assembly shall be provided with a single flow sensor Decoder for the purpose of providing an interface between the controller decoder module and flow sensor. Each Decoder shall be field programmed. The HP2DECFS is capable of a single output with one flow sensor. The recommended splice kit shall be 3M #DBY. The Decoder may be installed in a valve box or direct buried.
	PUMP START DECODER FOR H2O VERSION CONTROLLER ONLY
HP2DECPS	The Decoder System Assembly shall be provided with a single pump start Decoder for the purpose of providing an interface between the controller decoder module and 24VAC pump start signal. Each Decoder shall be field programmed. The HP2DECPS is capable of a single output with booster pump. The recommended splice kit shall be 3M #DBY. The Decoder may be installed in a valve box or direct buried.
	HAND HELD FIELD DECODER PROGRAMMER
HPHCP	The Controller Assembly shall be provided with a Hand Held Decoder Programmer for the purpose of field programming decoders for use with HPDEC Decoders.

Controller Assembly Options

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ASSEMBLY OPTIONS

SURGE PROTECTION

PART #	DESCRIPTION
HPSP	<p>LINE SURGE PROTECTION (LOCATED NO MORE THAN 500' APART WITH GRD-K) The Decoder System Assembly shall be provided with a Line Surge Protector for the purpose of providing a surge protection interface between the controllers and two wire path to valve and ground rod. The Line Surge Protection shall protect an area of ~500 feet in diameter and at dead end runs. The HydroPoint Surge Protection Decoders shall be installed every 500 feet on the 2-wire path. A ground rod kit (#GR-K) must also be installed at each HDSP location. The #GR-K is included separately.</p>
HP2SP	<p>LINE SURGE PROTECTION (LOCATED NO MORE THAN 500' APART WITH GRD-K) FOR H2O VERSION CONTROLLER ONLY The Decoder System Assembly shall be provided with a Line Surge Protector for the purpose of providing a surge protection interface between the controllers and two wire path to valve and ground rod. The Line Surge Protection shall protect an area of ~500 feet in diameter and at dead end runs. The HydroPoint Surge Protection Decoders shall be installed every 500 feet on the 2-wire path. A ground rod kit (#GR-K) must also be installed at each HDSP location. The #GR-K is included separately.</p>
GRD-K	<p>GROUND ROD and CLAMP for DECODER GROUNDING 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 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 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>