

SOLAR POOL HEATING

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a Magen eco-Energy Company



SCAN FOR COMPLETE CATALOG

COLLECTORS

PART NUMBER	DESCRIPTION	BOX QUANTITY
2-1000-008	Heliocol HC-8 - 1x8 SPH Collector	45
2-1000-009	Heliocol HC-9.5 - 1x9.5 SPH Collector	45
2-1000-010	Heliocol HC-10 - 1x10.5 SPH Collector	45
2-1000-012	Heliocol HC-12 - 1x12.5 SPH Collector	45
2-1000-030	Heliocol HC-30 - 4x8 SPH Collector	20
2-1000-038	Heliocol HC-38 - 4x9.5 SPH Collector	20
2-1000-040	Heliocol HC-40 - 4x10.5 SPH Collector	20
2-1000-050	Heliocol HC-50 - 4x12.5 SPH Collector	16
2-1100-008	SunStar STR-8 - 1x8 SPH Collector	40
2-1100-009	SunStar STR-9.5 - 1x9.5 SPH Collector	40
2-1100-010	SunStar STR-10 - 1x10.5 SPH Collector	40
2-1100-012	SunStar STR-12 - 1x12.5 SPH Collector	40
2-1100-030	SunStar STR-30 - 4x8 SPH Collector	20
2-1100-038	SunStar STR-38 - 4x9.5 SPH Collector	20
2-1100-040	SunStar STR-40 - 4x10.5 SPH Collector	20
2-1100-050	SunStar STR-50 - 4x12.5 SPH Collector	12
2-1400-083	SunValue SV-8 - 1x8 SPH Collector	45
2-1400-103	SunValue SV-10 - 1x10 SPH Collector	45
2-1400-123	SunValue SV-12 - 1x12 SPH Collector	45
2-1400-033	SunValue SV-32 - 4x8 SPH Collector	22
2-1400-043	SunValue SV-40 - 4x10 SPH Collector	22
2-1400-053	SunValue SV-48 - 4x12 SPH Collector	16
2-1200-008	eco Spark SLES-8 - 1x8 SPH Collector	40
2-1200-010	eco Spark SLES-10 - 1x10.5 SPH Collector	40
2-1200-030	eco Spark SLES-30 - 4x8 SPH Collector	10
2-1200-040	eco Spark SLES-40 - 4x10.5 SPH Collector	10

Plumbing Connectors & Repair

PART NUMBER	DESCRIPTION	BOX QUANTITY
2-1810-005	CPVC Pipe Connector	125
2-1810-013	End Cap	140
2-1810-015	Plastic Pipe Connector (PPC) Bottom	400
2-1810-017	Plastic Pipe Connector (PPC) Gasket	400
2-1810-018	Plastic Pipe Connector (PPC) Latch	400
2-1810-020	Plastic Pipe Connector (PPC) Top	400
2-1810-029	Vacuum Relief Valve	12
2-1020-007	Repair Plug for Heliocol	---
2-1120-001	Repair Plug for SunStar/eco Spark/SunValue	---
2-1810-007	Repair Pin Insert Tool	---
2-1910-008	Repair Chisel Tool	---

PVC Valves

2-2015-004	3-Way Diverter Valve - 2" x 2-1/2" (Non-Positive, Jandy)	12
2-2015-068	3-Way Diverter Valve - 2" x 2-1/2" (Non-Positive, Praher)	12
2-2015-066	3-Way Diverter Valve - 1-1/2" x 2" (Non-Positive, Praher)	12
2-2015-007	3-Way Diverter Valve - 2" x 2-1/2" (Positive, Jandy)	12
2-2015-067	3-Way Diverter Valve - 2" x 2-1/2" (Positive, Praher)	12
2-2015-001	3-Way Diverter Valve - 1-1/2" x 2" (Positive, Jandy)	12
2-2015-065	3-Way Diverter Valve - 1-1/2" x 2" (Positive, Praher)	12
2-2015-071	3-Way Diverter Valve - 1-1/2" x 2" (Positive, Hayward)	20
2-2015-002	2-Way Diverter Valve - 1-1/2" x 2" (Positive, Jandy)	12
2-2015-003	2-Way Diverter Valve - 2" x 2-1/2" (Positive, Jandy)	12
2-2015-063	2-Way Diverter Valve - 1-1/2" x 2" (Positive, Praher)	12
2-2015-064	2-Way Diverter Valve - 2" x 2-1/2" (Positive, Praher)	12
2-2015-010	PVC Check Valve - 2" Spring Check - Magic Plastics (Clear Top)	12
2-2015-053	PVC Check Valve - 2" Spring Check - FlowVis (Integrated Flow Meter)	24
2-2015-015	PVC Check Valve - 2" Swing Check (Slip x Slip)	12
2-2015-018	PVC Check Valve - 2" Swing Check (Slip x Slip Union)	12
2-2015-089	PVC Check Valve - 2" Spring Check (Slip x Slip)	15
2-2015-017	PVC Check Valve - 2" Spring Check (Slip x Slip Union)	12
2-2015-016	PVC Check Valve - 1-1/2" Spring Check (Slip x Slip Union)	12
2-2015-019	PVC Ball Valve - 2" (Slip x Slip)	20
2-2015-037	PVC Ball Valve - 1-1/2" (Slip x Slip, Spears)	20
2-2015-054	PVC Ball Valve - 1-1/2" (Slip x Slip)	48

PVC Cement & Tools

2-2020-004	E-Z Weld 204 PVC Cement (Clear, Medium Body, 1 Gal.)	6
2-2020-009	E-Z Weld 203 PVC Cement (Blue, Medium Body, 1 Qt.)	12
2-2020-011	E-Z Weld 205 PVC Cement (Clear, Regular Body, 1 Qt.)	12
2-2020-012	E-Z Weld 214 Pipe Cleaner (Clear, 1 Gal.)	6
MISCELLANEOUS & TOOLS		
2-2000-010	PVC Pipe Cable Saw (24" long)	1
2-2000-011	PVC Pipe Cutter (1-1/2" - 2" Pipe)	1
1-5120-010	Tough Boy Heavy Duty Cleaning Towels (70 ct.)	1
1-5120-006	Teflon Tape (1/2" width)	100
1-6500-011	Electrical Tape (3/4" width, black)	100

Pool Blankets

2-3020-012	Pool Blanket - 15' x 30' 8 mil.	1
2-3020-014	Pool Blanket - 16' x 32' 8 mil.	1
2-3020-016	Pool Blanket - 18' x 36' 8 mil.	1
2-3020-018	Pool Blanket - 20' x 40' 8 mil.	1
2-3020-008	Pool Blanket - 12' x 24' 12 mil.	1
2-3020-010	Pool Blanket - 14' x 28' 12 mil.	1
2-3020-011	Pool Blanket - 15' x 30' 12 mil.	1
2-3020-013	Pool Blanket - 16' x 32' 12 mil.	1
2-3020-015	Pool Blanket - 18' x 36' 12 mil.	1
2-3020-017	Pool Blanket - 20' x 40' 12 mil.	1
2-3020-019	Pool Blanket - 25' x 50' 12 mil.	1
2-3020-031	Pool Blanket - 15' x 30' 12 mil. "Space Age"	1
2-3020-032	Pool Blanket - 16' x 32' 12 mil. "Space Age"	1
2-3020-033	Pool Blanket - 18' x 36' 12 mil. "Space Age"	1
REELS FOR POOL BLANKETS		
2-3020-004	Caster Kit for GLI Reels	1
2-3020-005	GLI 16' Aluminum Deck Reel	1
2-3020-006	GLI 20' Aluminum Deck Reel	1

PVC Pipe Fittings

PART NUMBER	DESCRIPTION	BOX QUANTITY
2-2000-006	PVC Pipe - 2" Sch. 40 (Black)	---
2-2000-007	PVC Pipe - 2" Sch. 40 (Black - CALIFORNIA ONLY)	---
2-2000-005	PVC Pipe - 1-1/2" Sch. 40 (Black)	---
2-2000-003	PVC Pipe - 2" Sch. 40 (White)	---
2-2000-004	PVC Pipe - 2" Sch. 40 (White - CALIFORNIA ONLY)	---
2-2000-024	PVC Pipe - 1-1/2" Sch. 40 (White)	---
2-2015-021	PVC 45 Deg. Elbow - 1-1/2" (Slip x Slip - Black)	50
2-2015-022	PVC 45 Deg. Elbow - 1-1/2" (Slip x Slip - White)	50
2-2015-023	PVC 45 Deg. Elbow - 2" (Slip x Slip - Black)	25
2-2015-024	PVC 45 Deg. Elbow - 2" (Slip x Slip - White)	25
2-2015-039	PVC 90 Deg. Elbow - 1-1/2" (Slip x Slip - Black)	50
2-2015-040	PVC 90 Deg. Elbow - 1-1/2" (Slip x Slip - White)	50
2-2015-041	PVC 90 Deg. Elbow - 2" (Slip x Slip - Black)	25
2-2015-042	PVC 90 Deg. Elbow - 2" (Slip x Slip - White)	25
2-2015-044	PVC Cap - 2" (Slip - Black)	50
2-2015-045	PVC Cap - 2" (Slip - White)	50
2-2015-046	PVC Coupling - 1-1/2" (Slip x Slip - Black)	50
2-2015-047	PVC Coupling - 1-1/2" (Slip x Slip - White)	50
2-2015-048	PVC Coupling - 2" (Slip x Slip - Black)	25
2-2015-049	PVC Coupling - 2" (Slip x Slip - White)	25
2-2015-058	PVC Male Adapter - 1-1/2" (Slip x MPT - White)	100
2-2015-080	PVC Reducer Bushing - 2" x 1/2" (Slip x FPT - White)	20
2-2015-082	PVC Reducer Bushing - 2" x 3/4" (Slip x FPT - White)	50
2-2015-083	PVC Reducer Bushing - 2" x 3/4" (Spigot x FPT)	50
2-2015-076	PVC Reducer Bushing - 3/4" x 1/2" (MPT x FPT - White)	50
2-2015-090	PVC Street 90 Deg. Elbow - 1-1/2" (Slip x Slip - Black)	50
2-2015-092	PVC Street 90 Deg. Elbow - 2" (Slip x Slip - Black)	20
2-2015-093	PVC Street 90 Deg. Elbow - 2" (Slip x Slip - White)	20
2-2015-097	PVC Tee - 1-1/2" (Slip x Slip x Slip - Black)	25
2-2015-098	PVC Tee - 1-1/2" (Slip x Slip x Slip - White)	25
2-2015-099	PVC Tee - 2" (Slip x Slip x Slip - Black)	25
2-2015-100	PVC Tee - 2" (Slip x Slip x Slip - White)	25
2-2015-025	PVC Union - 2" (Slip x Slip - White)	5

CPVC PIPE & FITTINGS

2-2000-014	CPVC Pipe - 2" Sch. 40 (Grey)	2800
2-2015-028	CPVC Tee - 2" (Slip x Slip x Slip - Grey)	15
2-2015-029	CPVC 90 Deg. Elbow - 2" (Slip x Slip - Grey)	10
2-2015-030	CPVC 45 Deg. Elbow - 2" (Slip x Slip - Grey)	10
2-2015-035	CPVC Coupling - 2" (Slip x Slip - Grey)	10

Roof Attachments

1-5060-011	1/4" x 4" Stainless Steel Lag Screw (Hex Head)	100
1-5060-064	1/4" x 2-1/2" Stainless Steel Lag Screw (Hex Head)	100
2-1020-003	1/4" x 1-1/4" Ultracon Concrete Anchors	100
2-1020-004	1/4" x 1-3/4" Ultracon Concrete Anchors	100
2-1060-007	Universal Standing Seam Clamp (For Short Gator)	1
2-1060-008	Universal Standing Seam Clamp (For Long Gator)	1
3-6060-075	S-5! Protea Bracket	75
3-6060-077	S-5! S-5-S Mini Clamp	50
3-6060-218	Dynamic Fasteners DGDC-U Clamp	30
3-6060-055	7" Aluminum Standoff Mount	1
1-5060-071	Roof Tech RT-MINI II Mount	100
1-5060-072	Roof Tech RT-MINI Mount Screws (5x60 mm Screws)	100
1-5060-082	1/4-20 x 1" Stainless Steel Hex Bolt (For Gator/Mounting Pad to RT-MINI II)	100
1-5060-083	1/4-20 Stainless Steel Hex Nut (For Gator/Mounting Pad to RT-MINI II)	100

PIPING SUPPORT & ANCHORS

1-5060-001	#14 x 1-1/2" Stainless Steel Wood Screw (Slotted Hex Head)	100
1-5060-002	#14 x 2" Stainless Steel Wood Screw (Slotted Hex Head)	100
2-2000-001	Pipe Strap - 2" - Two Hole, Aluminum (Mill)	240
2-2000-002	Pipe Strap - 2-1/2" - Two Hole, Aluminum (Mill)	168
2-2000-008	Pipe Strap - 2" - Two Hole, Aluminum (Black)	240
2-2000-009	Pipe Strap - 2-1/2" - Two Hole, Aluminum (Black)	168
2-2000-012	Pipe Strap - 2" - Two Hole, Galv. Steel	50
2-2000-013	Pipe Strap - 2-1/2" - Two Hole, Galv. Steel	25
2-2000-016	Pipe Strap - 2" - Two Hole, Vinyl-Coated Steel (Black)	50
2-2000-017	Pipe Strap - 2-1/2" - Two Hole, Vinyl-Coated Steel (Black)	25
2-2000-018	Pipe Strap - 2" - Two Hole, Vinyl-Coated Steel (White)	50
2-2000-019	Pipe Strap - 2-1/2" - Two Hole, Vinyl-Coated Steel (White)	25

CONSTRUCTION SEALANT

2-2020-017	CRL M66 Construction Sealant (11 oz. Tube, Dark Bronze)	30
2-2020-021	ChemLink M-1 Adhesive/Sealant (10.1 oz. Tube, Gray)	24
2-2020-023	ChemLink 1-Part Pourable Sealant (0.5 gal. Pouch)	4
2-2020-022	ChemLink E-Curb 4" Diameter Round Form	12
2-2020-025	ASI 55 Hybrid Sealant/Adhesive (10.2 oz Tube, Bronze)	24
2-2020-026	ASI 55 Hybrid Sealant/Adhesive (10.2 oz Tube, Black)	24

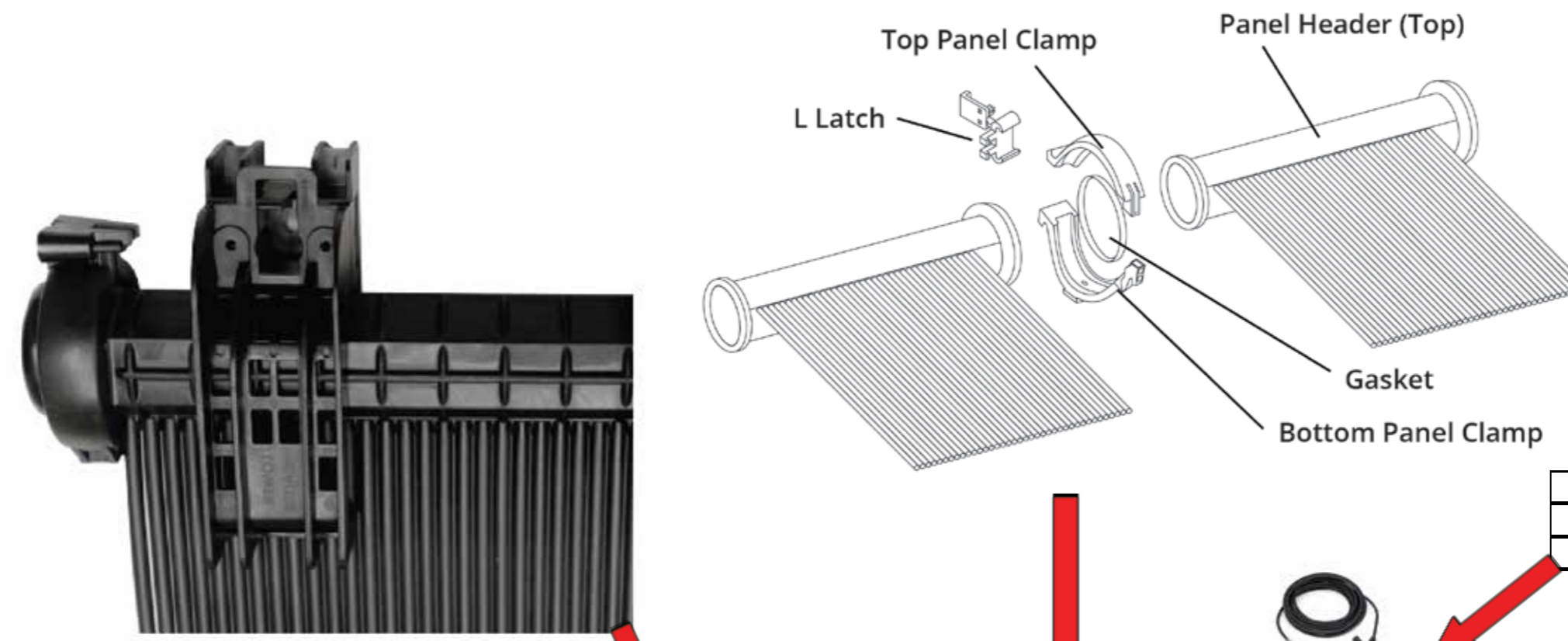
System Automation

2-3070-007	Pentair SolarTouch Controller	1
2-3070-008	Pentair SolarTouch Combo (Controller, 2" x 2-1/2" 3-way Valve, Actuator, Sensors)	1
2-3070-039	Hayward AquaSolar GL-235 Controller	1
2-3070-040	Hayward AquaSolar GL-235 Combo (Controller, 1-1/2" x 2" 3-way Valve, Actuator, Sensors)	1
2-3070-041	Hayward AquaSolar GL-235 Combo (Controller, 2" x 2-1/2" 3-way Valve, Actuator, Sensors)	1
TEMPERATURE SENSORS & WIRE		
2-3070-047	Sensor - 10K Thermistor - 1/2" Threaded Brass	5
2-3070-052	Sensor - 10K Thermistor - Plastic, Full Immersion	100
1-6500-017	Sensor Wire - 18 Ga. - 2-conductor, shielded, UV and fire resistant cable	1000
WIRE MANAGEMENT & CONDUIT		
1-6500-005	Cable Tie - Black 14-1/2" - 120 lb Break Strength	100
1-6500-006	Cable Tie - Black 14-1/2" - 50 lb Break Strength	100
1-6500-010	Cable Tie - Black 11" - 50 lb Break Strength	100
2-3020-007	Gear Clamp - 1/2" x 2" - 3" - Stainless Steel	1
1-6500-013	1/2" Non-metallic Flexible Conduit	100
1-6500-014	1/2" NMFC 90 deg. Connector	10
1-6500-015	1/2" NMFC Straight Connector	25
VALVE ACTUATORS		
2-3070-042	Valve Actuator - 24 VAC (Hayward)	12
2-3070-045	Valve Actuator - 24 VAC (Intermatic)	6
2-3070-049	Valve Actuator - 24 VAC (Pentair)	1



Mounting Hardware

PART NUMBER	DESCRIPTION
2-1060-001	Long Gator Clamp (Bottom)
2-1060-002	Short Gator Clamp (Top)
2-1020-006	#6 x 3/4" Stainless Gator Screw
2-1160-001	Top Mounting Pad
2-1160-002	Bottom Mounting Pad
2-1160-003	Top Mounting Pad (Legacy)
2-1160-004	Aluminum Mount Extension for SunStar/eco Spark



Plumbing Connectors

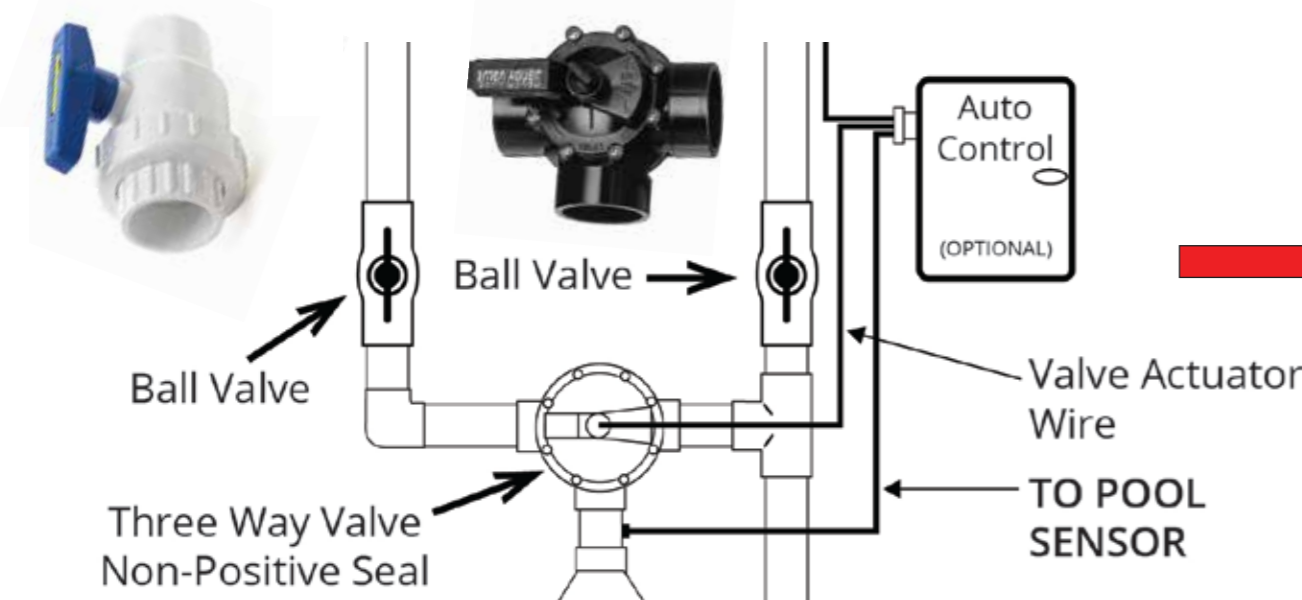
2-1810-005	CPVC Pipe Connector
2-1810-013	End Cap
2-1810-015	Plastic Pipe Connector (PPC) Bottom
2-1810-017	Plastic Pipe Connector (PPC) Gasket
2-1810-018	Plastic Pipe Connector (PPC) Latch
2-1810-020	Plastic Pipe Connector (PPC) Top

Sensors & Wire

2-3070-047	Sensor - 10K Thermistor - 1/2" Threaded Brass
2-3070-052	Sensor - 10K Thermistor - Plastic, Full Immersion
1-6500-017	Sensor Wire - 18 Ga. - 2-conductor, shielded, UV and fire resistant cable

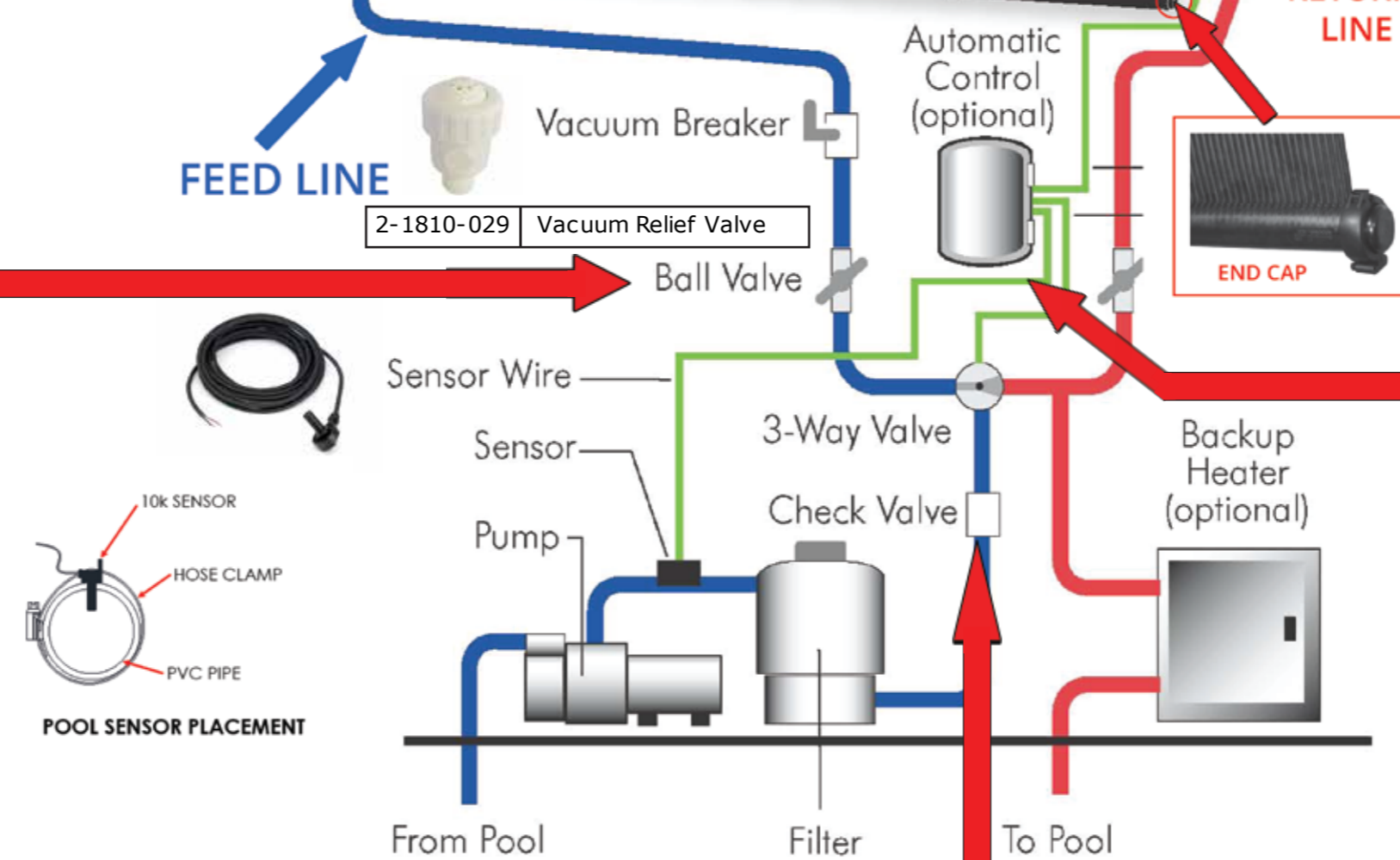
PIPING SUPPORT

2-2000-001	Pipe Strap - 2" - Two Hole, Aluminum (Mill)
2-2000-002	Pipe Strap - 2-1/2" - Two Hole, Aluminum (Mill)
2-2000-008	Pipe Strap - 2" - Two Hole, Aluminum (Black)
2-2000-009	Pipe Strap - 2-1/2" - Two Hole, Aluminum (Black)
2-2000-012	Pipe Strap - 2" - Two Hole, Galv. Steel
2-2000-013	Pipe Strap - 2-1/2" - Two Hole, Galv. Steel
2-2000-016	Pipe Strap - 2" - Two Hole, Vinyl-Coated Steel (Black)
2-2000-017	Pipe Strap - 2-1/2" - Two Hole, Vinyl-Coated Steel (Black)
2-2000-018	Pipe Strap - 2" - Two Hole, Vinyl-Coated Steel (White)
2-2000-019	Pipe Strap - 2-1/2" - Two Hole, Vinyl-Coated Steel (White)



PVC Valves

PART NUMBER	DESCRIPTION
2-2015-004	3-Way Diverter Valve - 2" x 2-1/2" (Non-Positive, Jandy)
2-2015-068	3-Way Diverter Valve - 2" x 2-1/2" (Non-Positive, Praher)
2-2015-066	3-Way Diverter Valve - 1-1/2" x 2" (Non-Positive, Praher)
2-2015-007	3-Way Diverter Valve - 2" x 2-1/2" (Positive, Jandy)
2-2015-065	3-Way Diverter Valve - 1-1/2" x 2" (Positive, Praher)
2-2015-071	3-Way Diverter Valve - 1-1/2" x 2" (Positive, Hayward)
2-2015-002	2-Way Diverter Valve - 1-1/2" x 2" (Positive, Jandy)
2-2015-003	2-Way Diverter Valve - 2" x 2-1/2" (Positive, Jandy)
2-2015-063	2-Way Diverter Valve - 1-1/2" x 2" (Positive, Praher)
2-2015-064	2-Way Diverter Valve - 2" x 2-1/2" (Positive, Praher)
2-2015-010	PVC Check Valve - 2" Spring Check - Magic Plastics (Clear Top)
2-2015-053	PVC Check Valve - 2" Spring Check - FlowVis (Integrated Flow Meter)
2-2015-015	PVC Check Valve - 2" Swing Check (Slip x Slip)
2-2015-018	PVC Check Valve - 2" Spring Check (Slip x Slip Union)
2-2015-089	PVC Check Valve - 2" Spring Check (Slip x Slip)
2-2015-017	PVC Check Valve - 2" Spring Check (Slip x Slip Union)
2-2015-016	PVC Check Valve - 1-1/2" Spring Check (Slip x Slip Union)
2-2015-019	PVC Ball Valve - 2" (Slip x Slip)
2-2015-037	PVC Ball Valve - 1-1/2" (Slip x Slip, Spears)
2-2015-054	PVC Ball Valve - 1-1/2" (Slip x Slip)



System Automation

PART NUMBER	DESCRIPTION
2-3070-007	Pentair SolarTouch Controller
2-3070-008	Pentair SolarTouch Combo (Controller, 2" x 2-1/2" 3-way Valve, Actuator, Sensors)
2-3070-039	Hayward AquaSolar GL-235 Controller
2-3070-040	Hayward AquaSolar GL-235 Combo (Controller, 1-1/2" x 2" 3-way Valve, Actuator, Sensors)
2-3070-041	Hayward AquaSolar GL-235 Combo (Controller, 2" x 2-1/2" 3-way Valve, Actuator, Sensors)

TEMPERATURE SENSORS & WIRE	
PART NUMBER	DESCRIPTION
2-3070-047	Sensor - 10K Thermistor - 1/2" Threaded Brass
2-3070-052	Sensor - 10K Thermistor - Plastic, Full Immersion
1-6500-017	Sensor Wire - 18 Ga. - 2-conductor, shielded, UV and fire resistant cable

WIRE MANAGEMENT & CONDUIT	
PART NUMBER	DESCRIPTION
1-6500-005	Cable Tie - Black 14-1/2" - 120 lb Break Strength
1-6500-006	Cable Tie - Black 14-1/2" - 50 lb Break Strength
1-6500-010	Cable Tie - Black 11" - 50 lb Break Strength
2-3020-007	Gear Clamp - 1/2" x 2" - 3" - Stainless Steel
1-6500-013	1/2" Non-metallic Flexible Conduit
1-6500-014	1/2" NMFC 90 deg. Connector
1-6500-015	1/2" NMFC Straight Connector

VALVE ACTUATORS	
PART NUMBER	DESCRIPTION
2-3070-042	Valve Actuator - 24 VAC (Hayward)
2-3070-045	Valve Actuator - 24 VAC (Intermatic)
2-3070-049	Valve Actuator - 24 VAC (Pentair)



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