

Chromagen SDHW Kit - Component List

Description	Brand	Model #	Material	Dimensions	Type	Per Kit
Solar Panel						
Solar Panel	Chromagen	CR130	Copper/Alum/Glass	4'x8'	Chrome	1
Solar Panel	Chromagen	CR140	Copper/Alum/Glass	4'x10'	Chrome	1
Solar Tank						
Solar Storage Tank w/T&P Valve	Locinvar	FTA066K	Jacketed Insulated Glass Lined Steel Tank	65	Gallon	1
Solar Storage Tank w/T&P Valve	Locinvar	FTA082K	Jacketed Insulated Glass Lined Steel Tank	80	Gallon	1
Solar Storage Tank w/T&P Valve	Locinvar	FTA120K	Jacketed Insulated Glass Lined Steel Tank	119	Gallon	1
Tank Kit (Use w/Mpt Tank Outlets)		TK-M				
Dialectric Union			Brass	0.75"x0.75"	CxFpt	2
Dialectric Reducing Union			Brass	0.5"x0.75"	CxFpt	2
Elbow			Copper	0.75"x0.75"	CxC	4
Coupling			Copper	0.75"x0.75"	CxC	2
Coupling			Copper	0.5"x0.5"	CxC	2
Tee			Copper	0.5"x0.5"x0.5"	CxCxC	2
Male Adapter			Copper	0.75"x0.75"	CxMpt	1
Boiler Drain			Brass	0.5"	Fpt or C	2
Ball Valve			Brass	0.5"	CxC	2
Ball Valve			Brass	0.75"	CxC	1
Pipe - Hard			Copper	0.5"x5'	C	1
Pipe - Hard			Copper	0.75"x5'	C	1
Pipe Insulation			Foam	0.625"x6'	0.375" Wall	1
Pipe Insulation			Foam	0.875"x6'	0.375" Wall	1
Electrical Tape			Plastic			1
Panel Plumbing Kit (Single Panel)		PPK-S				
Elbow			Copper	0.5"x0.5"	CxC	3
Street Tee			Copper	0.5"x0.5"x0.5"	CxFtgxC	1
Bullnose Tee			Copper	0.5"x0.5"x0.75"	CxCxC	1
Female Street Adapter			Copper	0.5"x0.5"	FtgxFpt	1
Female Reducer Adapter			Copper	0.5"x0.25"	CxFpt	1
Female Reducer Adapter			Copper	0.75"x0.5"	CxFpt	1
Cap			Copper	1.0"	C	1
Reducer Coupling			Copper	1.0"x0.5"	CxC	3
Air Vent	Sparco	FV147A	Brass	0.25"		1
Pressure Relief	Watts	111L	Brass	0.5"		1
Freeze Valve	Eaton	FP45	Plastic	0.5"	Mpt	1
Panel Plumbing Kit (Double Panel)		PPK-D				
RK1 Kit plus the following additional parts		PPK-S				1

Coupling			Copper	1.0"	CxC	2
Differential Control Kit w/Spring CV						
Differential Automatic Control	Goldline	GL30LCO	Electronic	110-120	Volts AC	1
Sensor	Goldline	SB10	Copper/Wire	10,000	Ohms	2
Gear Clamp 5/8"			Stainless Steel	0.625"		1
Shielded Sensor Wire	Beldon		Wire	18-22x50'	Gauge	50
Scotchlock Wire Connectors	3M	UR	Plastic	18-22	Gauge	4
Taco Pump	Taco	006BC4	Brass	110-120	Volts AC	1
Electric Line Cord (Male Plug)			Wire	14/2w/Grndx5'	Gauge	1
Romex Connector			Steel	0.5"		1
Spring Check Valve	Watts	601S-050	Brass	0.5"x0.5"	CxC	1
Differential Control Kit w/Union Spring CV						
Differential Automatic Control	Goldline	GL30LCO	Electronic	110-120	Volts AC	1
Sensor	Goldline	SB10	Copper/Wire	10,000	Ohms	2
Gear Clamp			Stainless Steel	0.625"		1
Shielded Sensor Wire	Beldon		Wire	18-22x50'	Gauge	50
Scotchlock Wire Connectors	3M		Plastic	18-22	Gauge	4
Taco Pump	Taco	006BC4	Brass	110-120	Volts AC	1
Electric Line Cord (Male Plug)			Wire	14/2w/Grndx5'	Gauge	1
Romex Connector			Steel	0.5"		1
Union Spring Check Valve	Heliodyne		Brass	0.5"x0.5"	CxC	1
Differential Control Kit w/Erie Motorized CV						
Differential Automatic Control	Goldline	GL30LCO	Electronic	110-120	Volts AC	1
Sensor	Goldline	SB10	Copper/Wire	10,000	Ohms	2
Gear Clamp			Stainless Steel	0.625"		1
Shielded Sensor Wire	Beldon		Wire	18-22x50'	Gauge	50
Scotchlock Wire Connectors	3M		Plastic	18-22	Gauge	4
Taco Pump	Taco	006BC4	Brass	110-120	Volts AC	1
Electric Line Cord (Male Plug)			Wire	14/2w/Grndx5'	Gauge	1
Romex Connector			Steel	0.5"		1
Motorized Check Valve	Erie		Brass	0.5"x0.5"	CxC	1
Romex Connector			Steel	0.5"		1
Electric Extension Cord (No Plug)			Wire	18/3AWGx2'		1
Solar PV Control Kit w/Union Spring CV						
Solar Module	PowerUp	BSP5-12	Silicon	5	Watts	1
Mounting Hardware		HPM-5/10Hinge	Aluminum		Set	1
DC Wire			Wire	12-14x50'	Gauge	50
Wire Connectors	3M		Plastic	12-14	Gauge	4
EISid Pump	EISid	SID5W-PV	Brass	12	Volts DC	1
Female Adapter			Copper	0.5"x0.5"	CxFpt	2
Switch	Waldom	35-3060-00BU	Plastic	DPST	Toggle	1
Union Spring Check Valve	Heliodyne		Brass	0.5"x0.5"	CxC	1

Mounting Kit - Fixed - Shingle/Metal Roof		MK-F-S/M					
Mounting Hardware - Fixed	Chromagen		Aluminum	Fixed			1
Roof Sealant	Tremco	FC	Polyurethane		Tube		1
Lag Bolt			Galvanized	0.375"x4.0"			4
Lock Washer			Galvanized	0.375"			4
Flat Washer			Galvanized	0.375"			4
Mounting Kit - Fixed - Tile Roof		MK-F-T					
Mounting Hardware - Fixed	Chromagen		Aluminum	Fixed			1
Roof Sealant	Tremco	FC	Polyurethane		Tube		1
Standoffs 3" 2-Hole w/2 Lag Bolts	UniRac	310503	Aluminum				4
Galvanized/EPDM Flashing	Oatey		Aluminum/EPDM		Galvanized		4
Flashing Sealant	GE		Silicon		Tube		1
Mounting Kit - Fixed - Wood Frame Rack		MK-F-W					
Mounting Hardware - Fixed	Chromagen		Aluminum	Fixed			1
Lag Bolt			Galvanized	0.375"x4.0"			4
Lock Washer			Galvanized	0.375"			4
Flat Washer			Galvanized	0.375"			4
Mounting Kit - Fixed - Metal Frame Rack		MK-F-A					
Mounting Hardware - Fixed	Chromagen		Aluminum	Fixed			1
Bolt			Stainless Steel	0.375"x1.5"			4
Nut			Stainless Steel	0.375"			4
Lock Washer			Stainless Steel	0.375"			4
Flat Washer			Stainless Steel	0.375"			8
Mounting Kit - Tilted - Shingle/Metal Roof		MK-T-S/M					
Mounting Hardware - Tilt	Chromagen		Aluminum	3' Standoffs			1
Roof Sealant	Tremco	FC	Polyurethane		Tube		1
Lag Bolt			Galvanized	0.375"x4.0"			4
Lock Washer			Galvanized	0.375"			4
Flat Washer			Galvanized	0.375"			4
Mounting Kit - Tilted - Tile Roof		MK-T-T					
Mounting Hardware - Tilt	Chromagen		Aluminum	3' Standoffs			1
Roof Sealant	Tremco	FC	Polyurethane		Tube		2
Standoffs 3" 2-Hole w/2 Lag Bolts	UniRac	310503	Aluminum				4
Galvanized/EPDM Flashing	Oatey		Aluminum/EPDM		Galvanized		4
Flashing Sealant	GE		Silicon		Tube		1
Mounting Kit - Tilted - Flat Roof w/Pitch Pans		MK-T-FP					
Mounting Hardware - Tilt	Chromagen		Aluminum	3' Standoffs			1
Roof Sealant	Tremco	FC	Polyurethane		Tube		4
Lag Bolt			Galvanized	0.375"x4.0"			4

Lock Washer			Galvanized	0.375"		4
Flat Washer			Galvanized	0.375"		4
Pitch Pan w/PT Wood Spacer	UMA	PP55/PP-SB	Aluminum/Wood	5"x5"x1"		4
Mounting Kit - Tilted - Flat Roof w/Flashings		MK-T-FF				
Mounting Hardware - Tilt	Chromagen		Aluminum	3' Standoffs		1
Roof Sealant	Tremco	FC	Polyurethane		Tube	1
Standoffs 3" 2-Hole w/2 Lag Bolts	UniRac	310503	Aluminum			4
Galvanized/EPDM Flashing	Oatey		Aluminum/EPDM		Galvanized	4
Flashing Sealant	GE		Silicon		Tube	2
Pipe Flashing Kit - Copper		PFK-C				
Copper Roof Flashing w/Cap	UMA	RF050	Copper			1
Copper Roof Flashing w/Cap w/Goose	UMA	RFGN050	Copper			1
Pipe Flashing Kit - Copper Pitch Pan		PFK-CPP				
Copper Roof Pitch Pan Flashing w/Cap		RF050-PP	Copper			1
Copper Roof Pitch Pan Flashing w/Cap w/Gooseneck		RFGN050-PP				1
Pipe Flashing Kit - EPDM		PFK-E				
Decktites			EPDM			2
Pipe Flashing Kit - Galvanized/EPDM		PFK-G				
Galvanized/EPDM Flashing	Oatey		Aluminum/EPDM		Galvanized	2
Transport Line Kit		TLK0.5				
Pipe - Soft			Copper	0.5"x50'	C	1
Pipe Insulation			Rubber	0.625"x6'	0.375" Wall	8
Options						
Mixing Valve	Watts	70A-075	Brass	0.75"x0.75"x0.75"		1
AntiScald Valve	Honeywell	AM101				1
Pump	EISid	SID10W-PV	Brass	12	Volts DC	1
Pump	March	809-BR-115VAC	Brass	110-120	Volts AC	1
Vacuum Breaker	Watts	N36	Brass	0.5"		1
Brass Tee			Brass	0.5"x0.5"x0.5"	CxCxFpt	1
Honeywell Motorized CV	Honeywell	VT2212G	Brass	0.5"x0.5"	CxC	1