

## HECO SOLAR WATER HEATING SYSTEMS ACCEPTED PRODUCTS LIST

<b>COLLECTORS</b>						
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	<b>Absorber Coating</b>		
Alternate Energy Technologies	Alternate Energy	AE-21	Flat Plate	Black Chrome		
		AE-24	Flat Plate	Black Chrome		
		AE-26	Flat Plate	Black Chrome		
		AE-28	Flat Plate	Black Chrome		
		AE-32	Flat Plate	Black Chrome		
		AE-40	Flat Plate	Black Chrome		
	American Energy	AE-21E	Flat Plate	Selective Paint		
		AE-24E	Flat Plate	Selective Paint		
		AE-26E	Flat Plate	Selective Paint		
		AE-28E	Flat Plate	Selective Paint		
Morning Star	Morning Star	MSC-21	Flat Plate	Black Chrome		
		MSC-24	Flat Plate	Black Chrome		
		MSC-26	Flat Plate	Black Chrome		
		MSC-28	Flat Plate	Black Chrome		
		MSC-32	Flat Plate	Black Chrome		
		MSC-40	Flat Plate	Black Chrome		
	Morning Star	MSC-21E	Flat Plate	Selective Paint		
		MSC-24E	Flat Plate	Selective Paint		
		MSC-26E	Flat Plate	Selective Paint		
		MSC-28E	Flat Plate	Selective Paint		
Star Fire	Star Fire	ST-21E	Flat Plate	Selective Paint		
		ST 40E	Flat Plate	Selective Paint		
		SLCO-30 (4'x6')	Flat Plate	Black Chrome		
		SLCO-32 (4'x8')	Flat Plate	Black Chrome		
Corona	Corona	SLCO-40 (4'x10')	Flat Plate	Black Chrome		
		SLCR-30 (4'x6')	Flat Plate	Black Chrome		
		SLCR-32 (4'x8')	Flat Plate	Black Chrome		
Chromagen	Chromagen	SLCR-40 (4'x10')	Flat Plate	Black Chrome		
		Gobi	Gobi 3366	Flat Plate	Black Chrome	
		Gobi	Gobi 408	Flat Plate	Black Chrome	
Heliodyne	Heliodyne	Gobi	Gobi 410	Flat Plate	Black Chrome	
		R & R Services	Copper Star 21	EPI-308CU (3'x7')	Flat Plate	Black Paint
			Copper Star 24	EPI-308CU (3'x8')	Flat Plate	Black Paint
Copper Star 32	EPI-308CU (4'x8')		Flat Plate	Black Paint		
Sunlast	Sunlast	Sunlast 21	EPI-308SS (3'x7')	Flat Plate	Black Paint	
		Sunlast 24	EPI-308SS (3'x8')	Flat Plate	Black Paint	
		Sunlast 32	EPI-308SS (4'x8')	Flat Plate	Black Paint	
Sunpro	Sunpro	Sunpro 21	Sunpro 21	Flat Plate	Black Paint	
		Sunpro 24	Sunpro 24	Flat Plate	Black Paint	
		Sunpro 32	Sunpro 32	Flat Plate	Black Paint	
		Sunpro 40	Sunpro 40	Flat Plate	Black Paint	

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<b>COLLECTORS (cont.)</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	<b>Absorber Coating</b>
Radco Products Inc.	Radco	308C-HP	Flat Plate	Black Chrome
		408C-HP	Flat Plate	Black Chrome
		410C-HP	Flat Plate	Black Chrome
		412C-HP	Flat Plate	Black Chrome
		308P-HP	Flat Plate	Black Paint
		408P-HP	Flat Plate	Black Paint
		410P-HP	Flat Plate	Black Paint
		412-P-HP	Flat Plate	Black Paint
Solahart	Solahart	Bt Collector	Flat Plate	Selective
		J Collector	Flat Plate	Black Paint
		K Collector	Flat Plate	Black Chrome
		L Collector	Flat Plate	Black Paint
		M Collector	Flat Plate	Black Chrome
SunEarth	Empire	EC-20	Flat Plate	Black Chrome
		EC-21	Flat Plate	Black Chrome
		EC-24	Flat Plate	Black Chrome
		EC-32	Flat Plate	Black Chrome
		EC-40	Flat Plate	Black Chrome
	Empire	EP-20	Flat Plate	Black Paint
		EP-21	Flat Plate	Black Paint
		EP-24	Flat Plate	Black Paint
		EP-32	Flat Plate	Black Paint
		EP-40	Flat Plate	Black Paint
	Imperial	IC-24	Flat Plate	Black Chrome
		IC-32	Flat Plate	Black Chrome
		IC-40	Flat Plate	Black Chrome
	Imperial	IP-24	Flat Plate	Black Paint
		IP-32	Flat Plate	Black Paint
		IP-40	Flat Plate	Black Paint
SolarStar	SSC-21	Flat Plate	Black Chrome	
	SSC-24	Flat Plate	Black Chrome	
	SSC-32	Flat Plate	Black Chrome	
	SSC-40	Flat Plate	Black Chrome	
SolarStar	SSP-21	Flat Plate	Black Paint	
	SSP-24	Flat Plate	Black Paint	
	SSP-32	Flat Plate	Black Paint	
	SSP-40	Flat Plate	Black Paint	
SunWise	SC-24	Flat Plate	Black Chrome	
	SC-32	Flat Plate	Black Chrome	
	SC-40	Flat Plate	Black Chrome	
SunWise	SP-24	Flat Plate	Black Paint	
	SP-32	Flat Plate	Black Paint	
	SP-40	Flat Plate	Black Paint	

## HECO SOLAR WATER HEATING SYSTEMS ACCEPTED PRODUCTS LIST

<b>STORAGE TANKS &amp; HEATERS</b>				
<b>(HECO Listed High Efficient Electric Water Heaters Are Automatically Accepted)</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	<b>Heating Element</b>
A.O. Smith	ProMax	SUN-80	Open Storage	yes
		SUN-120	Open Storage	yes
American	Solar Storage Tanks	SE62-80H-45S	Open Storage	yes
		SE62-119R-45S	Open Storage	yes
Bradford White	Solar Saver	MS65R6 (SS)	Open Storage	yes
		MS80R6 (SS)	Open Storage	yes
		MS120R6 (SS)	Open Storage	yes
Lochinvar Corp	SunSaver	FTA066-K	Open Storage	yes
		FTA-082-K	Open Storage	yes
		FTA-120-K	Open Storage	yes
		FTS-066	Open Storage	no
		FTS-082	Open Storage	no
		FTS-120	Open Storage	no
Radco Products Inc.	Copper SunSation	CSS-60	Heat Exchange	no
		CSS-80	Heat Exchange	no
		CSS-100	Heat Exchange	no
Rheem	Solaraide	81VR80-1	Open Storage	yes
		81VR120-1	Open Storage	yes
		81VR80-T	Open Storage	no
		81VR120-T	Open Storage	no
Richmond	Solar Model	S80-1	Open Storage	yes
		S120-1	Open Storage	yes
		S80TC-1	Open Storage	yes
		S120TC-1	Open Storage	yes
Ruud	Solar Servant	RSPER80-1	Open Storage	yes
		RSPER120-1	Open Storage	yes
		RSPER80-T	Open Storage	no
		RSPER120-T	Open Storage	no
	Solar Servant TC	RSTCR80-1	Open Storage	yes
		RSTCR120-1	Open Storage	yes
		RSTCR80-T	Open Storage	no
		RSTCR120-T	Open Storage	no
Solahart Industries	Solahart	150 J	Closed Storage	yes
		180 J	Closed Storage	yes
		220 J	Closed Storage	yes
		300 J	Closed Storage	yes
		440 J	Closed Storage	yes

## HECO SOLAR WATER HEATING SYSTEMS ACCEPTED PRODUCTS LIST

STORAGE TANKS & HEATERS (cont.)		Model No.	Type	Heating Element
<b>(HECO Listed High Efficient Electric Water Heaters Are Automatically Accepted)</b>				
		150 K	Closed Storage	yes
<b>Manufacturer</b>	<b>Brand Name</b>	180 K	Closed Storage	yes
		220 K	Closed Storage	yes
Solahart Industries	Solahart	300 K	Closed Storage	yes
		440 K	Closed Storage	yes
		150 KBCXII	Closed Storage	yes
		180 KBCXII	Closed Storage	yes
		220 KBCXII	Closed Storage	yes
Solahart Industries	Solahart	300 KBCXII	Closed Storage	yes
		440 KBCXII	Closed Storage	yes
		150 L	Open Storage	yes
		180 L	Open Storage	yes
		220 L	Open Storage	yes
	Solahart	300 L	Open Storage	yes
		440 L	Open Storage	yes
		150 LX	Open Storage	yes
		180 LX	Open Storage	yes
		220 LX	Open Storage	yes
	Solahart	300 LX	Open Storage	yes
		440 LX	Open Storage	yes
		252 SL	Open Storage	yes
		303 SL	Open Storage	yes
	Solahart	270SL2USA	Closed Storage	yes
		340SL4USA	Closed Storage	yes
		430SL4USA	Closed Storage	yes
Solar Edwards	Edwards	DES125 (42 gal.)	Open Storage	yes
		DES250 (80 gal.)	Open Storage	yes
		DES 350 (92 gal.)	Open Storage	yes
	Edwards	L180 (48 gal.)	Open Storage	yes
		L305 (80 gal.)	Open Storage	yes
		L440 (116 gal.)	Open Storage	yes
		L600 (160 gal.)	Open Storage	yes
State Industries	State	SBV-66-10TS	Open Storage	yes
		SBV-82-10TS	Open Storage	yes
		OST-66-E	Open Storage	yes
		OST-80-E	Open Storage	yes
		OST-120-E	Open Storage	yes

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<b>CIRCULATING PUMPS</b>			
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>
Bell & Gossett	Bronze Fox	NBF-8S/LS	AC
		NBF-9U/LW	AC
		NBF-10S/LW	AC
		NBF-12U/LW	AC
		NBF-12F/LW	AC
		NBF-18S	AC
		NBF-22U	AC
		NBF-22U	AC
Grundfos	Grundfos	UM15-10B5	AC
		UM15-10B7	AC
		UP15-18SU	AC
		UP15-42SU	AC
		UP15-18SF	AC
		UP15-42SF	AC
		UP15-18B5	AC
		UP15-42B5	AC
		UP15-18B7	AC
		UP15-42B7	AC
		UP25-64SU	AC
		UP25-64SF	AC
		UP26-96BF	AC
		UP26-99BF	AC
UP43-75BF	AC		
Hartell	Brushless	MD-10-HEH	DC
Hartell	Brush	MD-3-DCL	DC
		MD-10-DCH	DC
Ivan Labs Inc.	El Sid	2W2RD331200	DC
		2W2RD341500	DC
		2W2RD31730	DC
Laing	ecocirc solar	720 B	DC
	ecocirc solar	090 B	DC
March Manufacturing	March	809	AC/DC
		809HS	AC/DC
		815	AC
		821	AC
		830	AC
Taco	Taco	#006B	AC
		#006-BC7-11FC	AC
		#006-BC7-IFC	AC
		#007B	AC
		#008B	AC
		#009B	AC
		#010B	AC

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<b>PUMP CONTROLLERS</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	
Heliotrope Thermal	Delta-T	DTT-84	AC	
		DTT-94	AC	
Goldline Controls	Goldline	GL-30	AC	
		GL-30-LCO	AC	
Sun Earth	Sun Earth	SETR 0301 U	AC	
<b>PHOTOVOLTAIC MODULES</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	
Alternative Energy Engineering		AE-5G	DC	
		AE-10G	DC	
		AE-20G	DC	
BP Solar, Inc.	BP Solar	BP SX 10	DC	
		BP SX 20	DC	
Shell Solar	Shell Solar	ST5	DC	
		ST10	DC	
		ST20		
SunWize	SunWize	OEM10	DC	
		OEM20	DC	
Yingli Solar	Yingli Solar	YL10	DC	
		YL20	DC	
<b>TIME SWITCHES</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	
BRK Electronics Inc.	BRK Electronics	TS212	AC	
		TS212M	AC	
		TS212R	AC	
		First Alert	TS212RP	AC
Intermatic Inc.	Intermatic	WH40	AC	
		EH10	AC	
		EH40	AC	
		T104	AC	
M.H. Rhodes	Marktime	72133 AB	AC	
Paragon Electric		4004-71	AC	
		4014-71P	AC	
		EC-4005	AC	
		P104	AC	
		P104P	AC	
		P104PC	AC	
		P104-S	AC	
		P104P-S	AC	

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<b>TIME SWITCHES (Cont.)</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	
Solahart	Solar Optimiser	TEK 414	DC	
		TEK 415	AC	
<b>PIPING INSULATION</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	
Aeroflex International	Aerocel	AC5812	1/2" wall min.	
		AC7812	1/2" wall min.	
Aramcell LLC	AP Armaflex	AP Armaflex	1/2" wall min.	
Bridging China Int'l	Solar Flex	MMAC 05812	1/2" wall min.	
		MMAC 07812	1/2" wall min.	
Mueller Industries	Streamline	CT-98	1/2" wall min.	
Nomaco K-Flex	FlexTherm	Pipe Insulation	1/2" wall min.	
	Insul-Tube	Insul-Tube 180	1/2" wall min.	
<b>VALVES</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	<b>Description</b>
American Valve	American Valve	M100	Bronze	Ball Valve
		M100S	Bronze	Ball Valve
Arrowhead Brass	Arrowhead Brass	220	Brass	Boiler Drain
		221	Brass	Boiler Drain
		222	Brass	Boiler Drain
		223	Brass	Boiler Drain
	Arrowhead Brass	251	Brass	Hose Bib
		253	Brass	Hose Bib
		351	Brass	Hose Bib
		353	Brass	Hose Bib
B&K Industries	B&K Industries	107-403HC	Brass	Ball Valve
		107-404HC	Brass	Ball Valve
		107-453HC	Brass	Ball Valve
		107-454HC	Brass	Ball Valve
B&K Industries	B&K Industries	101-003	Brass	Swing Check Valve
		101-004	Brass	Swing Check Valve
		101-503	Brass	Swing Check Valve
		101-504	Brass	Swing Check Valve
B&K Industries	B&K Industries	102-003	Brass	Boiler Drain
		102-004	Brass	Boiler Drain
		102-003HC	Brass	Boiler Drain
		102-004HC	Brass	Boiler Drain

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VALVES (cont.)				
Manufacturer	Brand Name	Model No.	Type	Description
	B&K Industries	103-023HC	Brass	Hose Bibb
		103-024HC	Brass	Hose Bibb
	ProLine	101-203	Bronze	Swing Check "Y"
		101-204	Bronze	Swing Check "Y"
		101-703	Bronze	Swing Check "Y"
		101-704	Bronze	Swing Check "Y"
	ProLine	102-703	Brass	Boiler Drain
		102-704	Brass	Boiler Drain
Cash Acme	Cash Acme	#8316	Bronze	Temp./ Press. Relief
Erie Mfg. Company	Motortrol	#0654C0307GB00	Electric	Motorized Check Valve
Familian Northwest Inc	FNW Valve	FV 12 420	Brass	Ball Valve
		FV 34 420	Brass	Ball Valve
		FV 12 421	Brass	Ball Valve
		FV 34 421	Brass	Ball Valve
Grundfos	Grundfos	519852	Bronze	Flange Isolation Valve
Guardian	Guardian	16-202-125	Bronze	Press. Relief
Hammond Valve	Hammond	#8201	Brass	Ball Valve
		#8211	Brass	Ball Valve
Mueller Industries	Streamline	M420012	Brass / Bronze	Boiler Drain
		M420034	Brass / Bronze	Boiler Drain
		S210012	Brass / Bronze	Ball Valve
		S210034	Brass / Bronze	Ball Valve
Nibco Inc.	Nibco	S-413	Bronze	Check Valve
		T-413	Bronze	Check Valve
		T-580	Bronze	Ball Valve
		T-585	Bronze	Ball Valve
Premier	Premier	#252259	Brass	Ball Valve
Red-White Valve Corp.	Red-White	#247	Bronze	Check Valve
		5044F	Brass	Ball Valve
		5049F	Brass	Ball Valve
Solar Edwards	RMC	HT575	Brass	Temp. / Press. Relief
		HT748	Brass	Temp. / Press. Relief
SunEarth	SunEarth	B-6001-Y111	Bronze	Ball Valve
Taco	Taco	258-2	Bronze	Isolation Valve



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<b>VALVES (cont.)</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	<b>Description</b>
Watts Regulator	Watts	No. 3L-Z9	Bronze	Press. Relief
		No. 53L	Bronze	Press. Relief
		FBV-1	Brass	Ball Valve
		FBVS-1	Brass	Ball Valve
	Blue Ribbon	No. 100XL	Bronze	Temp./ Press. Relief
		Series CVY	Brass	Check Valves
		Series CVYS	Brass	Check Valves
		Series B-6000	Bronze	Ball Valve
		Series B-6001	Bronze	Ball Valve
		WBV	Brass	
		WBVS	Brass	
Zurn/Wilkins	Zurn/Wilkins	TP1100A	Bronze	Temp./ Press. Relief
<b>TEMPERATURE GAUGES</b>				
<b>Manufacturer</b>	<b>Brand Name</b>	<b>Model No.</b>	<b>Type</b>	
Clifton Industrial	Clifton	I3-2-06-03	Bi-Metal	
		I3-2-06-04	Bi-Metal	
		A4-2-06-03	Bi-Metal	
		A4-2-06-04	Bi-Metal	
		#71226	Bi-Metal	
Heliotrope General	Two-Temp	Two-Temp	Electronic	
	Quadra-Temp	Quadra-Temp	Electronic	
Goldline Controls	Goldline	TD-GL	Electronic	
Grainger	Taylor	9940-10	Digital Panel Thermometer	
Letro Products, Inc.	Letro	SL2DW	Bi-Metal	
		SL2DW3	Bi-Metal	
Pasco	Pasco	1449	Bi-Metal	
		1449-C	Bi-Metal	
		1450	Bi-Metal	
		1450-W	Bi-Metal	
		1455	Bi-Metal	
		1457	Bi-Metal	
Winter's Thermogauges		T100	Industrial 9IT	
		T174	Bi-Metal	
		T30040	Bi-Metal	
		T30060	Bi-Metal	
		T31060	Bi-Metal	