

# Yield Table for Solar Domestic Water Heaters

## NOTES

- All systems must be installed according to Manufacturer's specifications and labeled with SRCC OG-300 label
- Yields are based on annual hourly simulations for typical daily draw profile of 64.5 gallons, and no-shading. Actual results will vary.
- Climate Zone 1 = NW Oregon, Climate Zone 2 = SW Oregon, Climate Zone 3 = Central and Eastern Oregon
- Freeze "Tollerant" indicates working fluid did not reach it's freezing point when outside air temperature was -15 degrees Fahrenheit.
- Freeze "Risk" indicates that the fluid reached it's freezing point during some point in the year.
- BrightWay approval indicates possible eligibility for additional utility incentives
- \* Denotes systems that utilize a single wall heat exchanger that may have special requirements under the Oregon Plumbing Specialty Code

Gas Efficiency 60%  
 Electric Efficiency 90%  
 IC = Immersed Coil  
 S&T = Shell and Tube  
 WA = Tank Wrap Around  
 M = Mantle  
 DW = Double Wall  
 SW = Single Wall  
 FP = Flat Plate

SRCC System Name	Model	SRCC Numbers			Zone 1	Zone 2	Zone 3	System Type	Collector Area (ft <sup>2</sup> )	Solar Tank Vol (gal)	-15 Freeze	BrightWay Approved
		Electric Backup	Gas Backup									
<b>ACR Solar International</b>												
Skyline 2001 System 5	200152C80EX	2000007A		1800	2200	2200	Glycol	40	0	Tolerant		
Skyline 2001 System 5	200152C80EX2TE	2002003A	2001019A	1700	2000	2100	Glycol	40	80	Tolerant	YES	
Skyline 2001 System 5	200153C80EX	2000007B		2300	2600	2700	Glycol	60	0	Tolerant		
Skyline 2001 System 5	200153C80EX2TE	2002003B	2001019B	2100	2500	2600	Glycol	60	80	Tolerant	YES	
Skyline 2001 System 5	200154C80EX	2000007C		2500	2900	3000	Glycol	80	0	Tolerant		
<b>Alternate Energy Technologies</b>												
*EagleSun	DB-120-64	2006006E		2200	2500	2700	Drainback	64	0	Tolerant		
*EagleSun	DB-120-80	2006006F		2400	2700	2900	Drainback	80	0	Tolerant		
*EagleSun	DB-120-96	2006006G		2600	2900	3100	Drainback	96	0	Tolerant		
*EagleSun	DB-80-40	2006006A		1800	2100	2200	Drainback	40	0	Tolerant		
*EagleSun	DB-80-52	2006006B		2000	2400	2500	Drainback	52	0	Tolerant		
*EagleSun	DB-80-64	2006006C		2200	2600	2800	Drainback	64	0	Tolerant		
*EagleSun	DB-80-80	2006006D		2400	2800	3000	Drainback	80	0	Tolerant		
*EagleSun DX	DX-120-64	2006007E		2700	3000	3200	Drainback	64	0	Tolerant		
*EagleSun DX	DX-120-80	2006007F		2900	3200	3500	Drainback	80	0	Tolerant		
*EagleSun DX	DX-120-96	2006007G		3000	3300	3600	Drainback	96	0	Tolerant		
*EagleSun DX	DX-80-40	2006007A		2200	2500	2700	Drainback	40	0	Tolerant		
*EagleSun DX	DX-80-52	2006007B		2400	2800	3000	Drainback	52	0	Tolerant		
*EagleSun DX	DX-80-64	2006007C		2600	3000	3200	Drainback	64	0	Tolerant		
*EagleSun DX	DX-80-80	2006007D		2800	3100	3400	Drainback	80	0	Tolerant		
<b>Bobcat &amp; Sun, Inc.</b> These system ratings are based on several different OG-100 collector types - check to make sure the correct one is used												
Sun-Pak	SP32CHE	1994005E		1400	1700	1800	Drainback	32	80	Tolerant	YES	
Sun-Pak	SP32CHE-1	1994004E		1600	1900	2000	Drainback	32	0	Tolerant		
Sun-Pak	SP32PHE	1994004A		1200	1600	1600	Drainback	32	80	Tolerant	YES	
Sun-Pak	SP40CHE	1994005G		1600	2000	2100	Drainback	40	80	Tolerant	YES	
Sun-Pak	SP40CHE-1	1994004G		1900	2200	2300	Drainback	40	0	Tolerant		
Sun-Pak	SP40PHE	1994005C		1500	1900	1900	Drainback	40	80	Tolerant	YES	
Sun-Pak	SP64CHE	1994005F		2200	2500	2700	Drainback	65	80	Tolerant	YES	
Sun-Pak	SP64CHE-1	1994004F		2400	2700	2900	Drainback	65	0	Tolerant		
Sun-Pak	SP64PHE	1994005B		2100	2400	2600	Drainback	65	80	Tolerant	YES	
Sun-Pak	SP80CHE	1994005H		2400	2700	2900	Drainback	81	80	Tolerant		
Sun-Pak	SP80CHE-1	1994004H		2600	2900	3200	Drainback	81	0	Tolerant		

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SRCC System Name	Model	SRCC Numbers			Zone 1	Zone 2	Zone 3	System Type	Collector Area (ft <sup>2</sup> )	Solar Tank Vol (gal)	-15 Freeze	BrightWay Approved
		Electric Backup	Gas Backup									
<b>Butler Sun Solutions</b> These system ratings are based on several different OG-100 collector types - check to make sure the correct one is used												
Solar Butler	BSS-PV1-40Ea	20050005A	2005006A	1600	1900	1900	Glycol	24.6, 32.9	40	Tolerant		
Solar Butler	BSS-PV1-40Eb	20050005B	2005006B	1000	1200	1200	Glycol	20	40	Tolerant		
Solar Butler	BSS-PV1-40Ec	20050005I	2005006I	1300	1600	1600	Glycol	40	40	Tolerant		
Solar Butler	BSS-PV1-50Ea	20050005C	2005006C	1300	1600	1600	Glycol	32.8, 32.9	50	Tolerant		
Solar Butler	BSS-PV1-50Ec	20050005H	2005006H	1300	1600	1600	Glycol	40	50	Tolerant		
Solar Butler	BSS-PV1-80E2a	20050008A	2005010A	1500	1800	1900	Glycol	40	80	Tolerant		
Solar Butler	BSS-PV1-80E2b	20050008B	2005010B	1700	2100	2200	Glycol	40.9, 49.3	80	Tolerant		
Solar Butler	BSS-PV1-80Ea	20050005E	2005006E	1700	2200	2100	Glycol	40.9, 49.3	80	Tolerant		
Solar Butler	BSS-PV1-80Ec	20050005G	2005006G	1400	1800	1800	Glycol	40	80	Tolerant		
Solar Butler	BSS-S1-40Ea	2003001A	2003016A	1200	1400	1400	Glycol	21, 25, 33	0	Tolerant		
Solar Butler	BSS-S1-40Eb	2003001B	2003016B	900	1100	1100	Glycol	20, 24, 24	0	Tolerant		
Solar Butler	BSS-S1-40Ec	2003001I	2003016I	1300	1600	1600	Glycol	40	0	Tolerant		
Solar Butler	BSS-S1-50Ea	2003001C	2003016C	1300	1600	1600	Glycol	28, 33, 33	0	Tolerant		
Solar Butler	BSS-S1-50Ec	2003001H	2003016H	1300	1600	1600	Glycol	40	0	Tolerant		
Solar Butler	BSS-S1-80Ea	2003001E	2003016E	1700	2200	2100	Glycol	41,49	0	Tolerant		
Solar Butler	BSS-S1-80Ec	2003001G	2003016G	1400	1800	1800	Glycol	40	0	Tolerant		
<b>Fafco, Inc</b>												
*Polymer Drainback	VDB-48U-50E	2007002A		1300	1500	1600	Drainback	47	0	Tolerant		
*Polymer Drainback	VDB-48U-50E-50S	2007003A	2007004A	1400	1700	1800	Drainback	47	50	Tolerant		
*Polymer Drainback	VDB-48U-50E-80S	2007003B	2007004B	1500	1800	1900	Drainback	47	80	Tolerant		
*Polymer Drainback	VDB-48U-80E	2007002B		1800	2200	2300	Drainback	47	0	Tolerant		
*Polymer Drainback	VDB-48UX2-50E	2007002C		1400	1700	1800	Drainback	95	0	Tolerant		
*Polymer Drainback	VDB-48UX2-50E-50S	2007003C	2007004C	1700	2000	2100	Drainback	95	50	Tolerant		
*Polymer Drainback	VDB-48UX2-50E-80S	2007003D	2007004D	1800	2100	2200	Drainback	95	80	Tolerant		
*Polymer Drainback	VDB-48UX2-80E	2007002D		1800	2200	2200	Drainback	95	0	Tolerant		
<b>Heat Transfer Products</b> These system ratings are based on several different OG-100 collector types - check to make sure the correct one is used												
*SuperStor Contender Solar	SSC-80SE	2007011B	2007012B	2000	2400	2500	Glycol	40, 44, 41	0	Tolerant		
*SuperStor Ultra Solar	SSU-80SE	2007019B	2007021B	2000	2400	2500	Glycol	40, 44, 42	0	Tolerant		
SuperStor Ultra Solar	SSU-80SE-DW	2007020A	2007022A	2000	2300	2400	Glycol	40, 44, 43	0	Tolerant		
Pheonix Solar	PH-119S		2007023B	3000	3300	3400	Glycol	64, 66	0	Tolerant		
Pheonix Solar	PH-80S		2007023A	2500	2700	2800	Glycol	40, 44, 41	0	Tolerant		

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SRCC System Name	Model	SRCC Numbers			Zone 1	Zone 2	Zone 3	System Type	Collector Area (ft <sup>2</sup> )	Solar Tank Vol (gal)	-15 Freeze	BrightWay Approved
		Electric Backup	Gas Backup									
<b>Heliodyne, Inc.</b>												
Heliopak	16 DWCL HP 1 3366 G 50 ACS	1992010J		1700	2000	2100	Glycol	27	0	Tolerant		
Heliopak	16 DWCL HP 1 3366 G 80 ACD	1992013G	1998001G	1500	1900	1900	Glycol	27	80	Tolerant		
Heliopak	16 DWCL HP 1 3366 G 80 ACS	1992010K		1700	2100	2100	Glycol	27	0	Tolerant		
Heliopak	16 DWCL HP 1 408 G 65 ACD	1992013F	1998001F	1800	2100	2200	Glycol	32	65	Tolerant		
Heliopak	16 DWCL HP 1 408 G 65 ACS	1992010A		1900	2300	2400	Glycol	32	0	Tolerant		
Heliopak	16 DWCL HP 1 408 G 65 PVD	1996004C	1998002C	1700	2200	2300	Glycol	32	65	Tolerant		
Heliopak	16 DWCL HP 1 408 G 65 PVS	1996003C		1900	2400	2400	Glycol	32	0	Tolerant		
Heliopak	16 DWCL HP 1 408 G 80 ACD	1992013I	1998001I	1800	2100	2200	Glycol	32	80	Tolerant		
Heliopak	16 DWCL HP 1 408 G 80 ACS	1992010N		1900	2300	2400	Glycol	32	0	Tolerant		
Heliopak	16 DWCL HP 1 410 G 65 ACD	1992013A	1998001A	2000	2400	2500	Glycol	40	65	Tolerant		
Heliopak	16 DWCL HP 1 410 G 80 ACD	1992013J	1998001J	2100	2400	2500	Glycol	40	80	Tolerant	YES	
Heliopak	16 DWCL HP 1 410 G 80 ACS	1992010B		2200	2600	2700	Glycol	40	0	Tolerant		
Heliopak	16 DWCL HP 1 410 G 80 PVD	1996004A	1998002A	2000	2500	2600	Glycol	40	80	Tolerant	YES	
Heliopak	16 DWCL HP 1 410 G 80 PVS	1996003A		2200	2600	2800	Glycol	40	0	Tolerant		
Heliopak	16 DWCL HP 2 3366 G 120 ACS	1992010M		2400	2800	2900	Glycol	54	0	Tolerant		
Heliopak	16 DWCL HP 2 3366 G 80 ACD	1992013H	1998001H	2400	2700	2900	Glycol	54	80	Tolerant		
Heliopak	16 DWCL HP 2 3366 G 80 ACS	1992010L		2500	2900	3000	Glycol	54	0	Tolerant		
Heliopak	16 DWCL HP 2 408 G 120 ACD	1992013C	1998001C	2500	2800	3100	Glycol	65	120	Tolerant		
Heliopak	16 DWCL HP 2 408 G 120 ACS	1992010C		2600	2900	3100	Glycol	65	0	Tolerant		
Heliopak	16 DWCL HP 2 408 G 80 ACD	1992013B	1998001B	2500	2800	3100	Glycol	65	80	Tolerant	YES	
Heliopak	16 DWCL HP 2 410 G 120 ACD	1992013D	1998001D	2800	3000	3300	Glycol	81	120	Tolerant	YES	
Heliopak	16 DWCL HP 2 410 G 120 ACS	1992010O		2800	3100	3400	Glycol	81	0	Tolerant		
Heliopak	DWCL HE HP 1 3366 G 80 ACS	1992010I		1700	2000	2100	Glycol	27	0	Tolerant		
Heliopak	DWCL HE HP 1 408 G 80 ACS	1992010D		1900	2300	2400	Glycol	32	0	Tolerant		
Heliopak	DWCL HE HP 1 410 G 80 ACS	1992010E		2200	2600	2700	Glycol	40	0	Tolerant		
HP HELIX AC	HP 1 408 GAC WAC 50 S	1999004A		2000	2300	2400	Glycol	32	0	Tolerant		
HP HELIX AC	HP 1 410 GAC WAC 80 S	1999004B		2100	2500	2600	Glycol	40	0	Tolerant		
HP HELIX SS PV	HP HX SS 2 408 G PV 50 EE D Z	2005003I		2500	3000	3200	Glycol	65	0	Tolerant	YES	
HP HELIX SS PV	HP HX SS 1 3366 G PV 50 EE D Z		2005004A	1700	2100	2200	Glycol	27	50	Tolerant	YES	
HP HELIX SS PV	HP HX SS 1 408 G PV 50 EE D Z		2005004B	2000	2300	2400	Glycol	32	50	Tolerant	YES	
HP HELIX SS PV	HP HX SS 1 410 G PV 50 EE D Z		2005004C	2200	2500	2700	Glycol	40	80	Tolerant	YES	
HP HELIX SS PV	HP HX SS 2 3366 G PV 50 EE D Z		2005004D	2500	2800	3000	Glycol	54	80	Tolerant	YES	
HP HELIX SS PV	HP HX SS 2 408 G PV 80 EE D Z		2005004E	2600	2900	3200	Glycol	65	80	Tolerant	YES	
HP HELIX SS PV	HP HX SS 2 410 G PV 50 EE D Z		2005004F	2800	3000	3400	Glycol	80	120	Tolerant	YES	

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		Electric Backup	Gas Backup									
<b>Integrated Solar LLC</b>												
*Drainback	R-DBHX-12-120-D-80P	1992007I	1998004C	2200	2500	2700	Drainback	80	120	Tolerant		
*Drainback	R-DBHX-8-120S-80P	1994007C		2100	2500	2600	Drainback	80	0	Tolerant		
*Drainback	R-DBHX-8-65-D-40P	1992007A	1998004A	1500	1900	1900	Drainback	40	65	Tolerant		
*Drainback	R-DBHX-8-65S-40P	1994007A		1600	2000	2000	Drainback	40	0	Tolerant		
*Drainback	R-DBHX-8-80-D-64P	1992007C	1998004B	2000	2300	2500	Drainback	65	80	Tolerant		
*Drainback	R-DBHX-8-80-S-40C	1994007E		2000	2300	2500	Drainback	40	0	Tolerant		
*Drainback	R-DBHX-8-80S-40P	1994007D		1700	2000	2000	Drainback	40	0	Tolerant		
*Drainback	R-DBHX-8-80S-64P	1994007B		2100	2500	2600	Drainback	65	0	Tolerant		
<b>Morley Manufacturing</b>												
*High Sierra Drainback	HS60B/40	1992014A		1800	2200	2300	Drainback	40	?	Tolerant		
<b>Mr Sun Solar</b>												
Sol-Reliant	SR 40/80 E PVDB	2004008B	2004009B	1700	2200	2800	Drainback	40	80	Tolerant	YES	
Sol-Reliant	SR56/120 SE PVDB	2007015A		2700	3100	3300	Drainback	56	120	Tolerant	YES	
Sol-Reliant	SR56/80EPVDB	2004008A	2004009A	2000	2400	3200	Drainback	56	80	Tolerant	YES	
Sol-Reliant	SR112/120 E PVDB	2007025C	2007026C	3000	3300	3600	Drainback	112	120	Tolerant	YES	
Sol-Reliant	SR 112/80 E PVDB	2007025B	2007026B	2200	2600	3600	Drainback	112	80	Tolerant	YES	
Sol-Reliant	SR80/80 E PVDB	2007025A	2007026A	2100	2500	3400	Drainback	80	80	Tolerant	YES	
<b>Schuco USA L.P.</b>												
Premium Package	Premium II-80E	2006012A	2006011A	2400	2700	2900	Glycol	58	0	Tolerant		
Premium Package	Premium III-120E	2006012B	2006011B	2700	3000	3300	Glycol	87	0	Tolerant		
Premium Package	Slimline II-80E	2006014A	2006013A	2300	2600	2800	Glycol	49	0	Tolerant		
Premium Package	Slimline III-120E	2006014B	2006013B	2600	2900	3200	Glycol	75	0	Tolerant		
<b>Solahart Industries Pty Ltd</b>												
*SOLAHART	ASE 181J	2001013A	2001016A	1400	1600	1700	Thermosyphon	21	46	Risk		
*SOLAHART	ASE 181KF	2001014A	2001017A	1400	1700	1800	Thermosyphon	21	46	Risk	YES	
*SOLAHART	ASE 181BCXII	2001014B	2001017B	1400	1700	1800	Thermosyphon	21	46	Risk	YES	
*SOLAHART	ASE 182J	2001013B	2001016B	1800	2100	2200	Thermosyphon	43	46	Risk		
*SOLAHART	ASE 182BCXII	2001014D	2001017D	2000	2300	2400	Thermosyphon	43	46	Risk		
*SOLAHART	ASE 182KF	2001014C	2001017C	2000	2300	2400	Thermosyphon	43	46	Risk		
*SOLAHART	ASE 302J	2001013C	2001016C	1800	2100	2200	Thermosyphon	43	77	Risk	YES	
*SOLAHART	ASE 302JXII	2001013D	2001016D	1800	2100	2200	Thermosyphon	43	77	Risk		
*SOLAHART	ASE 302KF	2001014E	2001017E	2000	2300	2500	Thermosyphon	43	77	Risk	YES	
*SOLAHART	ASE 302BCXII	2001014F	2001017F	2000	2300	2500	Thermosyphon	43	77	Risk	YES	
*SOLAHART	ASE 303J	2001013E	2001016E	2000	2400	2500	Thermosyphon	64	77	Risk		
*SOLAHART	ASE 303JXII	2001013F	2001016F	2000	2400	2500	Thermosyphon	64	77	Risk		
*SOLAHART	ASE 303KF	2001014G	2001017G	2300	2600	2800	Thermosyphon	64	77	Risk		

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		Electric Backup	Gas Backup									
<b>Solahart Industries Pty Ltd (continued)</b>												
SOLAHART	ASE 303BCXII	2001014H	2001017H	2300	2600	2800	Thermosyphon	64	77	Risk		
SOLAHART	ASE 443 BCXII	2001014J	2001017J	2300	2600	2800	Thermosyphon	64	113	Risk	YES	
SOLAHART	ASE 443J	2001013G	2001016G	2000	2400	2500	Thermosyphon	64	113	Risk	YES	
SOLAHART	ASE 443 KF	2001014I	2001017I	2300	2600	2800	Thermosyphon	64	113	Risk	YES	
SOLAHART	ASE 444 BCXII	2001014L	2001017L	2400	2800	3000	Thermosyphon	85	113	Risk	YES	
SOLAHART	ASE 444J	2001013I	2001016I	2100	2500	2600	Thermosyphon	85	113	Risk	YES	
SOLAHART	ASE444KF	2001014K	2001017K	2400	2800	3000	Thermosyphon	85	113	Risk	YES	
<b>Solar Energy Inc.</b>												
Duro-Drainback	D2B-12009-120	2004011E		2700	3000	3300	Drainback	120	46	Tolerant		
Duro-Drainback	D2B-12009-128	2004011F		2700	3100	3300	Drainback	128	46	Tolerant		
Duro-Drainback	D2B-12009-40	2004011A		1800	2200	2300	Drainback	40	46	Tolerant		
Duro-Drainback	D2B-12009-64	2004011B		2300	2600	2800	Drainback	64	46	Tolerant		
Duro-Drainback	D2B-12009-80	2004011C		2500	2800	3000	Drainback	80	46	Tolerant		
Duro-Drainback	D2B-12009-96	2004011D		2600	2900	3200	Drainback	96	46	Tolerant		
Duro-Drainback	D2B-8009-32	2004010A		1500	1900	1900	Drainback	32	77	Tolerant		
Duro-Drainback	D2B-8009-40	2004010B		1800	2200	2200	Drainback	40	77	Tolerant		
Duro-Drainback	D2B-8009-42	2004010C		1900	2300	2400	Drainback	42	77	Tolerant		
Duro-Drainback	D2B-8009-63	2004010D		2400	2700	2900	Drainback	63	77	Tolerant		
Duro-Drainback	D2B-8009-64	2004010E		2300	2700	2900	Drainback	64	77	Tolerant		
Duro-Drainback	D2B-8009-80	2004010F		2500	2900	3100	Drainback	80	77	Tolerant		
<b>Solarhot</b>												
Solvelex Glycol	S-SV-G100ET	2007018B		3100	3300	3700	Glycol	87	0	Tolerant	YES	
Solvelex Glycol	S-SV-GET30	2007018C		2200	2500	2700	Glycol	44	0	Tolerant	YES	
Solvelex Glycol	S-SV-GET30-120	2007018F		2200	2600	2700	Glycol	44	0	Tolerant	YES	
Solvelex Glycol	S-SV-GET60-120	2007018E		3100	3400	3800	Glycol	87	0	Tolerant	YES	
Solvelex Drainback	S-SV-DBET30	2007008D		2100	2500	2600	Drainback	44	0	Tolerant	YES	
Solvelex Drainback	S-SV-DBET30-120	2007008F		2100	2500	2700	Drainback	44	0	Tolerant	YES	
Solvelex Drainback	S-SV-DBET60	2007008E		3000	3300	3600	Drainback	87	0	Tolerant	YES	
Solvelex Drainback	S-SV-DBET60-120	2007008G		3100	3300	3700	Drainback	87	0	Tolerant	YES	
<b>Solene</b>												
Solene Closed Loop, DC	SLCR32DC-80HE	2006003A	2006027A	1800	2200	2200	Glycol	32	0	Tolerant		
Solene Closed Loop, DC	SLCR40DC-80HE	2006003B	2006027B	2100	2500	2600	Glycol	40	0	Tolerant	YES	
Solene Closed Loop, DC	SLCR64DC-80HE	2006003C	2006027C	2600	2900	3100	Glycol	64	0	Tolerant	YES	
Solene Closed Loop, DC	SLCR80DC-80HE	2006003D	2006027D	2800	3100	3400	Glycol	80	0	Tolerant		
Solene Drainback	SLCR32DC-80DB	2006001A	2006026A	1800	2100	2200	Drainback	32	0	Tolerant		
Solene Drainback	SLCR40DC-80DB	2006001B	2006026B	2000	2400	2500	Drainback	40	0	Tolerant	YES	
Solene Drainback	SLCR40DC-80DB-XE	2006030B	2006027B	1800	2200	2200	Drainback	40	80	Tolerant	YES	
Solene Drainback	SLCR64DC-80DB	2006001C	2006026C	2600	2900	3100	Drainback	64	0	Tolerant	YES	
Solene Drainback	SLCR64DC-80DB-XE	2006030C	2006027C	2300	2700	2900	Drainback	64	80	Tolerant	YES	
Solene Drainback	SLCR80DC-80DB	2006001D	2006026D	2800	3100	3300	Drainback	80	0	Tolerant		

# Yield Table for Solar Domestic Water Heaters

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 Electric Efficiency 90%  
 IC = Immersed Coil  
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SRCC System Name	Model	SRCC Numbers			Zone 1	Zone 2	Zone 3	System Type	Collector Area (ft <sup>2</sup> )	Solar Tank Vol (gal)	-15 Freeze	BrightWay Approved
		Electric Backup	Gas Backup									
<b>SunEarth, Inc.</b>												
Cascade	ECRD-40-80	2001026B		2100	2500	2600	Drainback	41	0	Tolerant		
Cascade	ECRD-40-80-2	2001027B	2001028B	1800	2100	2300	Drainback	41	80	Tolerant		
Cascade	ECRD-42-80	2001026D		2100	2400	2600	Drainback	42	0	Tolerant		
Cascade	ECRD-42-80-2	2001027D	2001028D	1800	2100	2200	Drainback	42	80	Tolerant		
Cascade	ECRD-48-80	2001026F		2300	2600	2800	Drainback	49	0	Tolerant		
Cascade	ECRD-48-80-2	2001027F	2001028F	2000	2300	2500	Drainback	49	80	Tolerant		
Cascade	ECRD-64-80	2001026H		2600	2900	3100	Drainback	66	0	Tolerant		
Cascade	ECRD-64-80-2	2001027H	2001028H	2300	2600	2800	Drainback	66	80	Tolerant		
Cascade	EPRD-40-80	2001026A		2000	2400	2500	Drainback	41	0	Tolerant		
Cascade	EPRD-40-80-2	2001027A	2001028A	1700	2100	2200	Drainback	41	80	Tolerant		
Cascade	EPRD-42-80	2001026C		2000	2400	2500	Drainback	42	0	Tolerant		
Cascade	EPRD-42-80-2	2001027C	2001028C	1700	2100	2200	Drainback	42	80	Tolerant		
Cascade	EPRD-48-80	2001026E		2200	2600	2700	Drainback	49	0	Tolerant		
Cascade	EPRD-48-80-2	2001027E	2001028E	1900	2300	2400	Drainback	49	80	Tolerant		
Cascade	EPRD-64-80	2001026G		2500	2800	3100	Drainback	66	0	Tolerant		
Cascade	EPRD-64-80-2	2001027G	2001028G	2200	2600	2700	Drainback	66	80	Tolerant		
SOLARAY	TE32C-80-1	1993001B		2100	2500	2500	Glycol	33	0	Tolerant		
SOLARAY	TE32C-80-2	1996001B		1900	2300	2400	Glycol	33	80	Tolerant		
SOLARAY	TE32P-80-1	1993001A		2000	2400	2500	Glycol	33	0	Tolerant		
SOLARAY	TE32P-80-2	1996001A		1900	2200	2300	Glycol	33	80	Tolerant		
SOLARAY	TE40C-80-1	1993001D		2300	2700	2900	Glycol	41	0	Tolerant		
SOLARAY	TE40C-80-2	1996001D	2001001B	2200	2600	2700	Glycol	41	80	Tolerant	YES	
SOLARAY	TE40C-80-2-PV	2000003A	2001003B	2000	2500	2600	Glycol	41	80	Tolerant	YES	
SOLARAY	TE40C-80-PV	2000004A		2100	2600	2700	Glycol	41	0	Tolerant		
SOLARAY	TE40C-120-1	1993001M		2300	2700	2800	Glycol	41	0	Tolerant		
SOLARAY	TE40P-80-1	1993001C		2300	2600	2800	Glycol	41	0	Tolerant		
SOLARAY	TE40P-80-2	1996001C	2001001A	2100	2500	2600	Glycol	41	80	Tolerant	YES	
SOLARAY	TE40P-80-2-PV	2000003D	2001003A	1900	2400	2500	Glycol	41	80	Tolerant	YES	
SOLARAY	TE40P-80-PV	2000004D		2100	2500	2600	Glycol	41	0	Tolerant		
SOLARAY	TE40P-120-1	1993001T		2200	2600	2700	Glycol	41	0	Tolerant		
SOLARAY	TE48C-80-1	1993001L		2500	2900	3100	Glycol	49	0	Tolerant		
SOLARAY	TE48C-80-2	1996001J	2001001D	2400	2700	2900	Glycol	49	80	Tolerant		
SOLARAY	TE48C-80-2-PV	2000003H	2001003D	2200	2600	2800	Glycol	49	80	Tolerant		
SOLARAY	TE48C-80-PV	2000004H		2300	2800	2900	Glycol	49	0	Tolerant		
SOLARAY	TE48P-80-1	1993001K		2500	2800	3000	Glycol	49	0	Tolerant		
SOLARAY	TE48P-80-2	1996001I	2001001C	2400	2700	2900	Glycol	49	80	Tolerant		
SOLARAY	TE48P-80-2-PV	2000003G	2001003C	2100	2600	2700	Glycol	49	80	Tolerant		
SOLARAY	TE48P-80-PV	2000004G		2300	2700	2900	Glycol	49	0	Tolerant		
SOLARAY	TE64C-80-1	1993001H		2800	3100	3400	Glycol	66	0	Tolerant		

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SRCC System Name	Model	SRCC Numbers			Zone 1	Zone 2	Zone 3	System Type	Collector Area (ft <sup>2</sup> )	Solar Tank Vol (gal)	-15 Freeze	BrightWay Approved
		Electric Backup	Gas Backup									
<b>SunEarth, Inc. (continued)</b>												
SOLARAY	TE64C-80-2	1996001F	2001001F	2700	3000	3200	Glycol	66	80	Tolerant	YES	
SOLARAY	TE64C-80-2-PV	2000003B	2001003F	2500	2900	3100	Glycol	66	80	Tolerant	YES	
SOLARAY	TE64C-80-PV	2000004B		2600	3000	3200	Glycol	66	0	Tolerant		
SOLARAY	TE64P-80-1	1993001G		2800	3100	3300	Glycol	66	0	Tolerant		
SOLARAY	TE64P-80-2	1996001E	2001001E	2600	2900	3200	Glycol	66	80	Tolerant	YES	
SOLARAY	TE64P-80-2-PV	2000003E	2001003E	2400	2800	3000	Glycol	66	80	Tolerant	YES	
SOLARAY	TE64P-80-PV	2000004E		2500	3000	3200	Glycol	66	0	Tolerant		
SOLARAY	TE64C-120-2	1996001O		2700	3000	3200	Glycol	66	120	Tolerant		
SOLARAY	TE48P-120-1	1993001N		2400	2800	3000	Glycol	49	0	Tolerant	YES	
SOLARAY	TE48C-120-1	1993001O		2500	2800	3000	Glycol	49	0	Tolerant	YES	
SOLARAY	TE48P-120-PV	2000004J	2001001D	2200	2700	2800	Glycol	49	0	Tolerant	YES	
SOLARAY	TE48C-120-PV	2000004K	2001003D	2300	2700	2900	Glycol	49	0	Tolerant	YES	
SOLARAY	TE64P-120-1	1993001P		2700	3100	3300	Glycol	65	0	Tolerant	YES	
SOLARAY	TE64C-120-1	1993001Q		2800	3100	3300	Glycol	65	0	Tolerant	YES	
SOLARAY	TE64P-120-PV	2000004L	2001001C	2500	2900	3100	Glycol	65	0	Tolerant	YES	
SOLARAY	TE64C-120-PV	2000004M	2001001C	2600	3000	3200	Glycol	65	120	Tolerant	YES	
SOLARAY	TE48P-120-2	1996001L	2001003C	2300	2700	2800	Glycol	49	120	Tolerant	YES	
SOLARAY	TE48C-120-2	1996001M		2400	2700	2900	Glycol	49	120	Tolerant	YES	
SOLARAY	TE48P-120-2-PV	2000003J		2100	2500	2700	Glycol	49	120	Tolerant	YES	
SOLARAY	TE48C-120-2-PV	2000003K	2001001F	2200	2600	2700	Glycol	49	120	Tolerant	YES	
SOLARAY	TE64P-120-2	1996001N	2001003F	2600	2900	3100	Glycol	65	120	Tolerant	YES	
SOLARAY	TE64P-120-2-PV	2000003L		2400	2800	3000	Glycol	65	120	Tolerant	YES	
SOLARAY	TE64C-120-2-PV	2000003M		2500	2900	3100	Glycol	65	120	Tolerant	YES	
SOLARAY	TE80P-120-2	1996001P	2001001E	2800	3100	3300	Glycol	82	120	Tolerant	YES	
SOLARAY	TE80C-120-2	1996001Q	2001003E	2900	3100	3400	Glycol	82	120	Tolerant	YES	
SOLARAY	TE80P-120-2-PV	2000003N		2600	3000	3200	Glycol	82	120	Tolerant	YES	
SOLARAY	TE80C-120-2-PV	2003003O		2600	3000	3300	Glycol	82	120	Tolerant	YES	
SunSiphon	EPGX116-63-2	2001004I	2001005I	2300	2700	2800	Thermosyphon	63	116	Risk		
SunSiphon	EPGX116-64-2	2001004J	2001005J	2300	2700	2800	Thermosyphon	64	116	Risk		
SunSiphon	EPGX116-80-2	2001004L	2001005L	2500	2900	3000	Thermosyphon	80	116	Risk		
SunSiphon	EPGX48-21-2	2001004A	2001005A	1300	1500	1600	Thermosyphon	21	48	Risk		
SunSiphon	EPGX48-24-2	2001004B	2001005B	1400	1700	1700	Thermosyphon	24	48	Risk		
SunSiphon	EPGX48-32-2	2001004C	2001005C	1600	1900	2000	Thermosyphon	32	48	Risk		
SunSiphon	EPGX80-40-2	2001004D	2001005D	1900	2200	2300	Thermosyphon	40	80	Risk		
SunSiphon	EPGX80-42-2	2001004E	2001005E	1900	2200	2300	Thermosyphon	42	80	Risk		
SunSiphon	EPGX80-48-2	2001004F	2001005F	2000	2400	2500	Thermosyphon	48	80	Risk		
SunSiphon	EPGX80-63-2	2001004G	2001005G	2300	2600	2700	Thermosyphon	63	80	Risk		
SunSiphon	EPGX80-64-2	2001004H	2001005H	2300	2600	2800	Thermosyphon	64	80	Risk		
<b>Synergy Solar</b>												
Drainback Stainless HX	53-1T	2006019B		2300	2600	2900	Drainback	53	0	Tolerant		
Drainback Stainless HX	53-2T	2004005B		2100	2400	2800	Drainback	53	80	Tolerant		
Drainback Stainless HX	TE64C-80-PV	2004005C		2500	2800	3200	Drainback	80	80	Tolerant		

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SRCC System Name	Model	SRCC Numbers			Zone 1	Zone 2	Zone 3	System Type	Collector Area (ft <sup>2</sup> )	Solar Tank Vol (gal)	-15 Freeze	BrightWay Approved
		Electric Backup	Gas Backup									
<b>Thermomax Industries</b>												
Mazadon	Mazadon 30-R120	2001029H		2000	2400	2500	Glycol	49	0	Tolerant		
Mazadon	Mazadon 30-R80	2001029A		2100	2500	2600	Glycol	49	0	Tolerant	YES	
Mazadon	Mazadon 40-R120	2001029I		2400	2800	3000	Glycol	66	0	Tolerant		
Mazadon	Mazadon 40-R80	2001029B		2500	2900	3100	Glycol	66	0	Tolerant	YES	
Mazadon	Mazadon 50-R120	2001029J		2700	3000	3300	Glycol	82	0	Tolerant		
Mazadon	Mazadon 50-R80	2001029C		2800	3100	3400	Glycol	82	0	Tolerant		
Mazadon	Mazadon 60-R120	2001029K		2900	3200	3500	Glycol	99	0	Tolerant		
Mazadon	Mazadon 60-R80	2001029D		3000	3300	3600	Glycol	99	0	Tolerant		
Mazadon	Mazadon 70-R120	2001029L		3100	3300	3700	Glycol	115	0	Tolerant		
Mazadon	Mazadon 70-R80	2001029E		3100	3400	3700	Glycol	115	0	Tolerant		
Mazadon	Mazadon 80-R120	2001029M		3200	3500	3800	Glycol	132	0	Tolerant		
Mazadon	Mazadon 80-R80	2001029F		3300	3500	3900	Glycol	132	0	Tolerant		
Mazadon	Mazadon 90-R120	2001029N		3300	3500	3900	Glycol	148	0	Tolerant		
Mazadon	Mazadon 90-R80	2001029G		3400	3600	4000	Glycol	148	0	Tolerant		
Solamax	Solamax 20R-R80	2004001A		1500	1800	1900	Glycol	31	0	Tolerant	YES	
Solamax	Solamax 30R-R80	2004001B		2000	2400	2500	Glycol	46	0	Tolerant	YES	
Solamax	Solamax 40R-R80	2004001C		2300	2700	2900	Glycol	61	0	Tolerant	YES	
Solamax	Solamax 50R-R80	2004001D		2600	2900	3100	Glycol	77	0	Tolerant	YES	
Solamax	Solamax 60R-R80	2004001E		2700	3100	3300	Glycol	92	0	Tolerant	YES	
Solamax	Solamax 20W	2004002A		1300	1700	1700	Glycol	31	0	Tolerant		
Solamax	Solamax 30W	2004002B		1700	2100	2100	Glycol	46	0	Tolerant		
Solamax	Solamax 40W	2004002C		2000	2500	2600	Glycol	61	0	Tolerant		
Solamax	Solamax 20R-120	2004001I		1400	1700	1800	Glycol	31	0	Tolerant	YES	
Solamax	Solamax 30R-120	2004001J		1900	2300	2400	Glycol	46	0	Tolerant	YES	
<b>TrendSetter Industries</b>												
Six Rivers Solar	SRS-100-2-40-PC-E	2001007A	2001006A	2200	2500	2700	Drainback	64	120	Tolerant		
Six Rivers Solar	SRS-200-3-40-PC-E	2001007B	2001006B	2500	2800	3100	Drainback	120	210	Tolerant		
Six Rivers Solar	SRS-200-4-40-PC-E	2001007C	2001006C	2700	3000	3300	Drainback	160	210	Tolerant		
Six Rivers Solar	SRS-300-5-40-PC-E	2001007D	2001006D	2900	3100	3400	Drainback	200	320	Tolerant		
Six Rivers Solar	SRS-300-6-40-PC-E	2001007E	2001006E	3000	3200	3500	Drainback	280	320	Tolerant		
Six Rivers Solar	TS-100-1-30-PC		2005002A	2500	2800	2900	Drainback	44	100	Tolerant		
Six Rivers Solar	TS-150-2-22-PC		2005002B	2900	3100	3300	Drainback	64	145	Tolerant		
Six Rivers Solar	TS-200-3-30-PC		2005002C	3500	3600	4000	Drainback	131	200	Tolerant		
Six Rivers Solar	TS-200-4-30-PC		2005002D	3700	3800	4200	Drainback	175	200	Tolerant		
Six Rivers Solar	TS-300-5-30-PC		2005002E	3800	3900	4300	Drainback	218	300	Tolerant		
Six Rivers Solar	TS-300-6-30-PC		2005002F	3900	4000	4400	Drainback	262	300	Tolerant		
<b>Velux America Inc.</b>												
Velux	CLI-U12 SKO W/L 218 EL B/U	2008020A		2700	3000	3200	Glycol	54	0	Tolerant		
Velux	CLI-U12 SKO W/L 318 EL B/U	2008020B		3100	3300	3600	Glycol	81	0	Tolerant		
Velux	CLI-U12 SKO W/L 218 AUX EL	2008021A	2008022A	2600	3000	3200	Glycol	54	80	Tolerant		
Velux	CLI-U12 SKO W/L 318 AUX EL	2008021B	2008022B	3100	3300	3600	Glycol	81	80	Tolerant		

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SRCC System Name	Model	SRCC Numbers			Zone 1	Zone 2	Zone 3	System Type	Collector Area (ft <sup>2</sup> )	Solar Tank Vol (gal)	-15 Freeze	BrightWay Approved
		Electric Backup	Gas Backup									

## OREGON Research and Development Systems - Currently active

Yields are estimates based on similar system configurations, actual test data is not available

These systems are underdevelopment or are in the process of being certified by SRCC - some restrictions apply

Model	R&D No.	Zone 1	Zone 2	Zone 3					
<b>Advanced Energy Systems</b>									
Solar ST	40C-50QR-2	ODOE R&D 014a	1700	2000	2100	glycol	40	0	not determined
	80C-120QR-2	ODOE R&D 014b	2500	3000	3200	glycol	80	0	not determined
<b>Energy Service Company</b>									
AES	ESCO 3000	ODOE R&D 015a	1600	2000	2100	glycol	64	0	not determined
<b>Bobcat and Sun</b>									
SunPak II	SP2 40/120 CHE-1	ODOE R&D 016a	1700	2000	2200	drainback	40	0	not determined
	SP2 64/120 CHE-1	ODOE R&D 016b	2200	2500	2700	drainback	64	0	
	SP2 64/120 CHE-2	ODOE R&D 016c	2100	2400	2600	drainback	64	120	
	SP2 80/120 CHE-1	ODOE R&D 016d	2400	2700	2900	drainback	80	0	
	SP2 80/120 CHE-2	ODOE R&D 016e	2300	2600	2800	drainback	80	120	
<b>Mr Sun</b>									
	SR80/120 PVDB	ODOE R&D 018b	2000	2200	3200	glycol-drainbk	0	0	
<b>King Solar</b>									
Drainback	KSDB-40-ST	ODOE R&D 019a	1400	1800	1800	drainback	40	80	not determined
	KSDB-64-ST	ODOE R&D 019b	1900	2200	2400	drainback	64	80	
	KSDB-40	ODOE R&D 019c	1500	1800	1900	drainback	40	0	
	KSDB-64	ODOE R&D 019d	2000	2400	2500	drainback	64	0	