

SolarRoofs.com "Skyline" Price List

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Note: This price list supercedes all previous price lists - Check Web Site for Updates.

Both the 10-01 and 20-01 Collectors are OG-100 Rated and qualify for Federal Tax Credits

There are a great variety of needs by different customers and we have attempted to give the greatest flexibility with the following systems and pricing.

All systems, except for system 5, are designed to be installed with existing or added standard water heating tanks. With the exception of the System 5 option, tanks are not included in system prices.

NOTE: Systems should be sized to have a minimum of 1 gallon of storage per sq. / ft. of collector area.

For any system: Two, (2) 10-01 collectors can be

substituted for One, (1) 20-01 collector. For system 3 and 5, this substitution qualifies for OG-300.

New Collector options, include through the end collectors for arrays up to 5, 20-01 collectors in a row (61' or 123' with one center feed and return) – see array diagrams. Collectors include, feed, center pass-through and end turnaround. These are ideal for commercial applications .

Feed collectors can have standard through the side, or out the end feed and return. Currently these are no cost options and are ideal for commercial applications.

Model Number Code:

Collector Model : X001, where X = 1001 or 2001 (10 or 20 s/f collectors, series 01)

System Number: X001Y, where Y = System, 1, 2, 3, 4, or 5 (if for collectors only, this number is skipped)

Number of collectors X001YZC) where Z, for residential, = 1 through 8, or for commercial = any number.

Yellow Highlight = our most popular Systems and Options

SolarRoofs.com can help you customize your systems for your customers

No Soldering is needed for all Standard Solar Loops. Except for copper tubing, ALL solar loop components and connections are included with system kits. 50' of 1/2" OD copper tubing is included with systems 3 and 5.

Soldering may be required for tank installation, and will be required for installing the standard tempering valve, included with systems 3 and 5, to the tank.

See: System Tempering Valve Options page 7.

INDEX, SolarRoofs Skyline" System Configurations are Determined by:

- 1. Shipping** Delivery Preference determines Collector Size, the 10-01 collector is shipped by UPS or FedEx Ground and it is usually the least cost way to ship up to 8 10-01 collectors. The 20-01 collector always requires Freight delivery and is usually least cost for 60 S/F or more): See **DELIVERY** at the bottom of page 2.
 - 2. Climate, Tropical (green), Temperate (orange) or Freeze (red)** Pages 3 - 5.
 - 3. Desired Options, PV, Tilt, Color, Etc.** Page 6 & 7.
- Tropical =** no freeze or temperatures ever below 45 F: Page 3.
 - Temperate =** very light freeze down to 30F, no hard freeze: Page 4.
 - Freeze =** areas with Hard Freeze (or areas with bad water requiring closed loop): Page 5.
 - System Options, including FREE System, SSC1 Side by Side, Option:** Page 6.
 - No Solder Tempering Valve System Options:** Page 7.
 - COLLECTOR AND COMPONENT Price List:** Page 8 & 9.
 - SolarRoofs.com System Components and Parts:** Page 10.
 - SolarRoofs.com ORDER FORM:** Page 11.

Skyline System Defaults:

All standard system kits have defaults, which are included unless designated otherwise. Standard defaults include Musket Brown (C101) as the Standard Color, Flush Mount Rail system (MR#C) and Stacked Collector array installation kit (SC01) and are **not listed** on the order.

STANDARD Example: 200132C would be System 3 with 2 Musket 20-01 collectors, stacked with 3 rails.

Another No Cost System Option is Medium "Dove" Gray (C109) trim, see Color Options.

No Cost System Option: Side by Side (SSC1) Applies to even numbers of collectors only.

Example: 100112C-SSC1 or 200112C-SSC1 would be 2 10-01 or 2 20-01 collectors, System 1 with Side by Side Install Option. The 10-01 kit would be supplied with 4 full single collector mounting rails and hardware, 2 for each 10-01 collector. The 20-01 kit would be supplied with 6 full single collector mounting rails and hardware, 3 rails for each collector.

System Overview:

System 1 = tropical using a 12 volt pump and 110F collector snap switch, has light freeze options.

System 2 = tropical using a 110 volt pump and differential controller, has light freeze options.

System 3 = tropical **SRCC** rated, uses a 12 volt PV powered pump, has light freeze options.

System 4 = Freeze Closed Loop using a 110 volt pump, and differential controller.

System 5 = **SRCC** rated Freeze Closed Loop for 81V080HE1 tank using a 12 Volt PV powered pump.

Separated by a dash or slash, all Numbers and Letters following the system code are Options and are usually listed in groups of 4 to 6, **EXAMPLE: SSC1 = Optional Side by Side Collector Array Installation Kit.**

DELIVERY: You can call us for a quote or use the following:

10-01: Usually FedEx Ground, We will quote or go to:

<http://www.fedex.com/us/ground/main/?link=4>

(use Ground) **Add Packaging:** \$30 for Boxing the first collector and 15 Per Collector over 1, each boxed 10-01 collector is 25 pounds 74" long x 22" wide x 5" high, add 4' in height per collector over 1.

For a System: add \$20.00 for boxing the components: 36" x 16" x 12." System box weight is about 25 lb.

20-01: Usually FedEx Freight, We will quote or you can go to:

<http://www.fedex.com/us/freight/main>,

Fill out the rates section: 1 collector 120 pounds, 2 collectors: 170 pounds, 3 collectors: 220 pounds and 4 collectors: 270 pounds,

Use a 63% discount and **Class 77.5** for shipments to the 48.

Add Packaging: First one or two collectors: \$120.00 and \$20 per additional collector over 2.

If a system, add \$20.00 for boxing systems components.

If not a business Freight delivery, add \$64.00 for home delivery.

Tropical Climate Systems

System 3 is Solar Rating and Certification Corporation (SRCC) "OG300" System Certified

Qualifies for 30% Federal Tax Credits / 1/20/07

Tropical Climate: "Open Loop" Systems: Good for Fla. Keys, Caribbean, Hawaii and all areas with Absolutely No Freeze or temperatures below 40 F.

Also See Temperate Climate Open Loop Light Freeze Options For These Systems

Bottom "Quick Connect" is standard, See page 7 for System Top Connect and Tempering Valve Options.

SRCC OG300 Certified System 3

(2) 10-01 collectors can be substituted for One, (1) 20-01 collector.

SRCC OG300 Rated Open Loop 12 Volt TROPICAL System 3 Kit Includes: 10 or 20 Square Foot Solar Thermal Collector (s) , 20" wide x 6" or 12' long with Rail Flush Mounting Kit / System dependent 12 volt EISid, or March circulation pump / 10 or 20 watt PV panel with 25' of wire / 50' roll of 1/2" OD soft copper / compression unions / lags / washers / tek screws / 6' section of high temp insulation / "Quick Connect" Kit to existing or added water heater with shut off and drain valves, Floating Ball Check Valve (bottom connect is standard, Top Connect (TC02) is available at \$30.00 extra charge) / Solar Loop Pressure Relief Valve (PRV) with splash guard, and Air Vent / Temperature Gauges / Tempering Valve / Special OG300 Labeling / Installation and Owners Manuals. (* = SRCC Collector and system application pending, 2 10-01 collectors can be substituted for 1 20-01 collector.)

SRCC OG300 Certified System 3, X001 3XC:

- ❑ 1 20-01 for 1 to 2 people, requires a 50 gallon tank (20 S/F): 200131C50: \$1,675.00
- ❑ 3 10-01* for 3 to 4 people, requires a 50 gallon tank (30 S/F): 100133C50: \$1,945.00
- ❑ 2 20-01 for 3 to 5 people, requires a 50 gallon tank (40 S/F): 200132C50: \$2,215.00
- ❑ 2 20-01 for 3 to 5 people, requires a 80 gallon tank (40 S/F): 200132C80: \$2,215.00
- ❑ 3 20-01 for 5 to 7 people, requires a 50 gallon tank (60 S/F): 200133C50: \$2,755.00
- ❑ 3 20-01 for 5 to 8 people, requires a 80 gallon tank (60 S/F): 200133C80: \$2,755.00

S110, 110 F Normally Closed snap switch, Closes 110 F, Opens 90 F, place in collector hot out: \$ 32.00
(S110 is used with gas water heaters to prevent heat loss during cool mornings)

Other Open Loop Systems

(Not SRCC OG300 Certified but qualify for Federal Tax Credit)

Open Loop 12 Volt TROPICAL System 1 substitutes a 110 F snap switch (S110) with transformer for PV panel, deletes tempering valve, 50' roll of copper, 2 temp. gauges, air vent, OG300 rating and labeling.

For 10-01 and 20-01 SRCC rated Collectors:

- ❑ 1 10-01 – Cabin / Boat / Motor-Home (10 S/F) 100111C: \$ 995.00
- ❑ 2 10-01 or 1 20-01 for 1 to 2 people (20 S/F) 100112C or 200111C: \$1,295.00
- ❑ 3 10-01 for 3 to 4 people (30 S/F) 100113C: \$1,545.00
- ❑ 4 10-01 or 2 20-01 for 3 to 5 people (40 S/F) 100114C or 200112C: \$1,795.00
- ❑ 5 10-01 for 4 to 6 people (50 S/F) 100115C: \$2,045.00
- ❑ 6 10-01 or 3 20-01 for 5 to 7 people (60 S/F) 100116C or 200113C: \$2,295.00
- ❑ 4 20-01 for 6 to 10 people (80 S/F) 200114C: \$2,795.00

10 Watt PV Option for 1, 2 or 3 collectors, deletes transformer PV10: \$180.00

20 Watt PV Option for 4 collectors, deletes transformer PV20: \$260.00

TR50, 50 foot roll of 3/8" ID, 1/2" OD soft copper tubing: \$ 98.00

Temperate Climate Open Loop Light Freeze Options 1/20/07

Bottom "Quick Connect" is standard, See page 7 for System Top Connect and Tempering Valve Options.

Temperate Climate Options: Light Freeze Protection Options for all Open Loop Systems. Good for Central Florida, Southern California and other areas where temperature rarely go down to 30 F with **NO** Hard Freeze.

Freeze Valve Option for systems 1, 2, and 3: 38 degree F to start, Dole 35 kit includes all fittings for light freeze protection to 30 F.

- | | |
|---|------------------------|
| <input type="checkbox"/> Passive Freeze Valve and Fittings, for Stacked mounting system, | FV04: \$ 118.00 |
| <input type="checkbox"/> As above but for SSC1 Side by Side mounting system, | FV05: \$ 126.00 |

Re-circulation for Systems 1 and 3: adds an extra level of Freeze Protection by circulating water during freeze conditions. System 2, with Differential Control includes Recirculation Freeze Protection as a standard option. System 1 only requires a 40 F snap switch (FS02) to turn on the 12 volt pump at temperatures below 40 F. System 1 with PV and all SRCC System 3 require the (FS03) 40 F snap switch, wire a 12 volt transformer and control box with diodes to power the pump at night.

- | | |
|---|------------------------|
| <input type="checkbox"/> System 1 (snap switch only) add: | FS02: \$ 40.00 |
| <input type="checkbox"/> System 1 with PV and System 3, kit includes control box with two diodes and switch, | FS03: \$ 145.00 |

Open Loop SRCC OG300 Certified System 3

(2) 10-01 collectors can be substituted for One, (1) 20-01 collector.

Includes FV04 or FV05 **Passive Freeze Valve and Fittings** and FS03 **Re-circulation kit for Light Freeze Protection, IDEAL FOR FLORIDA, SOUTHERN CALIFORNIA** and similar climates.

- | | |
|---|-------------------|
| <input type="checkbox"/> 1 20-01 for 1 to 2 people, requires a 50 gallon tank (20 S/F): 200131C50FV0XFS03: | \$1,938.00 |
| <input type="checkbox"/> 3 10-01* for 3 to 4 people, requires a 50 gallon tank (30 S/F): 100133C50FV0XFS03: | \$2,208.00 |
| <input type="checkbox"/> 2 20-01 for 3 to 5 people, requires a 50 gallon tank (40 S/F): 200132C50FV0XFS03: | \$2,478.00 |
| <input type="checkbox"/> 2 20-01 for 3 to 5 people, requires a 80 gallon tank (40 S/F): 200132C80FV0XFS03: | \$2,478.00 |
| <input type="checkbox"/> 3 20-01 for 5 to 7 people, requires a 50 gallon tank (60 S/F): 200133C50FV0XFS03: | \$3,018.00 |
| <input type="checkbox"/> 3 20-01 for 5 to 8 people, requires a 80 gallon tank (60 S/F): 200133C80FV0XFS03: | \$3,018.00 |

S110, 110 F Normally Closed snap switch, Closes 110 F, Opens 90 F, place in collector hot out: **\$ 32.00**
(S110 is used with gas water heaters to prevent heat loss during cool mornings)

Open Loop 110 Volt Temperate Climate System 2

(Not SRCC OG300 Certified but qualify for Federal Tax Credit)

Same as system 1 but substitutes a 110 Volt Pump and a Differential Controller (**with built in Recirculation Freeze Protection**) for the 110 F snap switch with transformer and 12 Volt pump (50' roll of copper tubing is not included):

For 10-01 and 20-01 SRCC rated Collectors:

- | | |
|--|------------|
| <input type="checkbox"/> 1 10-01 – Cabin / Boat / Motor-Home (10 S/F) 100121C: | \$1,095.00 |
| <input type="checkbox"/> 2 10-01 or 1 20-01 for 1 to 2 people (20 S/F) 100122C or 200121C: | \$1,395.00 |
| <input type="checkbox"/> 3 10-01 for 3 to 4 people (30 S/F) 100123C: | \$1,645.00 |
| <input type="checkbox"/> 4 10-01 or 2 20-01 for 3 to 5 people (40 S/F) 100124C or 200122C: | \$1,895.00 |
| <input type="checkbox"/> 5 10-01 for 4 to 6 people (50 S/F) 100125C: | \$2,145.00 |
| <input type="checkbox"/> 6 10-01 or 3 20-01 for 5 to 7 people (60 S/F) 100126C or 200123C: | \$2,395.00 |
| <input type="checkbox"/> 4 20-01 for 6 to 10 people (80 S/F) 200124C: | \$2,895.00 |

The addition of **FV04 or FV05 Passive Freeze Valve** to system 2 above is Highly recommended.

TR50, 50 foot roll of 3/8" ID, 1/2" OD soft copper tubing: **\$ 98.00**

Hard Freeze Climate Systems to – 54 F or areas with bad water. 1/20/07

System 5 is Solar Rating and Certification Corporation (SRCC) “OG300” System Certified

Qualifies for 30% Federal Tax Credits

(2) 10-01 collectors can be substituted for One, (1) 20-01 collector.

COMPLETE, No Solder System 5 Kits Includes: 10 or 20 Square Foot Solar Thermal Collector (s), 20” wide x 6’ or 12’ long with Rail Flush Mounting Kit / PV pump and 20 to 30+ Watt PV Panel / 50’ roll of ½” OD soft copper / compression unions / 25’ of sensor wire / lags / washers / tec screws / 6’ section of high temp insulation / hose bibs and isolation valves to charge the solar loop, expansion tank and floating ball Check Valve on the return / Solar Loop Pressure Relief Valve (PRV) and Coin Vent / Temperature Gauges / Tempering Valve / PRV splash guard / Special OG300 Labeling and Manuals / **Food grade “Sierra” or equal antifreeze not supplied.**

SRCC OG300 Rated System 5 Kit,

(2) 10-01 collectors can be substituted for One, (1) 20-01 collector, **Requires 81V080HE1 tank (EX):**

- 2 20-01 (40 S/F) for 1 to 4 people: 200152C80EX: \$2,375.00 With EX Tank: \$3,980.00
- 3 20-01 (60 S/F) for 4 to 6 people: 200153C80EX: \$2,955.00 With EX Tank: \$4,520.00
- 4 20-01 (80 SS/F) for 6 + people: 200154C80EX: \$3,495.00 With EX Tank: \$4,995.00

Rheem / Rudd / Richmond 80 Gallon 81V080HE1 tank (including delivery to 48): \$1,565.00

System 4 Closed Loop Hard Freeze Systems

(Not SRCC OG300 Certified but qualify for Federal Tax Credit)

30 S/F SPECIAL! A) DELUXE PV powered as above but with 3 10-01 collectors and also available with a SolarRoofs.com modified 50 gallon heat exchanger tank (similar to the Rheem 80 including upper element).

B) 110 Volt as below without PV pump and panel, tempering valve or 50’ roll of copper.

- A) 3 10-01 (30 S/F) for 1 to 4 people: 100143C50EXPV: \$1,995.00 With 50EX Tank: \$2,770.00**
- B) 3 10-01 (30 S/F) for 1 to 4 people: 100143C50EX: \$1,695.00 With 50EX Tank: \$2,470.00**

Closed Loop FREEZE System 4 same as system 5 but uses a 110 volt pump with line cord and a Differential Control with line cord and 2 sensors and deletes the tempering valve and 50’ roll of copper. Connects to a Rheem / Rudd or other Heat exchanger Tank or to our Power Rod or other External Heat Exchanger.

A 30 S/F collector minimum is recommended.

The Following Sizes are Adjusted for Cloudier and Colder Weather Conditions for 60% + Coverage.

			For HE	Power Rod
<input type="checkbox"/>	3 10-01 - 1 to 2 people	(30 S/F) 100143C:	\$1,695.00	\$2,695.00
<input type="checkbox"/>	4 10-01 or 2 20-01 - 3 to 4 people	(40 S/F) 100144C or 200142C:	\$1,945.00	\$2,945.00
<input type="checkbox"/>	5 10-01 - 4 to 5 people	(50 S/F) 100145C:	\$2,195.00	\$3,195.00
<input type="checkbox"/>	6 10-01 or 3 20-01 - 4 to 6 people	(60 S/F) 100146C or 200143C:	\$2,455.00	\$3,455.00
<input type="checkbox"/>	8 10-01 or 4 20-01 - 6 people +	(80 S/F) 100148C or 200144C:	\$2,955.00	\$3,955.00

The System 4 “Power Rod” Quick Connect (X0014XCPRQC)

It doesn’t get easier than this! This Kit allows you to easily connect a closed loop to any **standard** (non self-cleaning) **water heater!** Kit includes a Power Rod heat exchanger, water side 110 Volt pump and a Quick Connect Kit that allows you to install the Power Rod using included open loop Quick Connect in any standard tank drain valve, 2 solar loop temperature gauges are included.

40 Watt PV Option replaces both pumps and differential controller with 12 Volt. **PRPV: \$565.00**

TR50, 50 foot roll of 3/8" ID, 1/2" OD soft copper tubing: \$ 98.00

System Options 1/20/07

FREE SYSTEM Option Side by Side Collector Array with system, SSC1: .00

Note: Side by side installation option available for even numbers of collectors, up to 12, 10-01s or 8, 20-01s per array. 8, 20-01s are an ideal space heating or commercial configuration. With this option, the rail lengths and hardware are adjusted. Allow 24.5' in total width.

System Tilt Kits For Skyline 10-01 or 20-01

1 1/2" aluminum Ell legs with 1 1/2" aluminum Ell feet and hardware tilt panels approximately 18 degrees or as specified from existing roof angle. The same price applies to 10-01 and 20-01 collectors.

Tilt kits are used when a better winter angle is desired on a low pitch roof or to "reorientate" panels to face south by running the panels up and down an East or West facing roof. (*modified tilt angles available)

	10-01 Collector	20-01 Collector
Single Panel: 1" sq. alum. Sq. tube rails with 6"* legs and hardware		
26" Single panel tilt kit:	TK01-2: \$50.00	TK01-3: \$65.00
Double panels: 1" sq. alum. Sq. tube rails with 12"* legs and hardware		
48" Double panel tilt kit:	TK02-2: \$65.00	TK02-3: \$85.00
Triple panels: 1' x 2" heavy alum. channels with 18"* legs and hardware.		
70" Triple panel tilt kit:	TK03-2: \$115.00	TK03-3: \$145.00
Four panels: 1' x 2" heavy alum. channels with 24"* legs and hardware.		
92" Four panel tilt kit:	TK04-2: \$165.00	TK04-3: \$205.00

Beautiful Collector COLOR Options (one change covers all collectors in the order):

Standard Color (Default): Musket Brown (C101)

Free Optional Color: Dove/Old Town (Medium) Gray (C109) – Note: This is a no cost option.

Optional Colors Include: Colonial (light) Gray (CO102), Tahoe Blue (Col03), Colonial Red (Col04), Forest Green (Col05), White (Col06), Buckskin Brown (CO107), Beaver (medium) Brown (CO108), C.B. (medium) Blue (CO110), Spanish Green (CO111), Storm/Slate (dark) Gray (CO112), Royal Brown (CO113), Ivory (CO114), Sea Blue (CO115), Leaf Green (CO116), Pebblestone Clay (CO117), Woodbeige (CO118), Peach (great on many light orange tile roofs) (CO119), Almond (CO120), Black (CO121), Adobe Tan (CO121), Classic Cream (CO122), Bronze (CO123), Heritage Cream (CO124), Marine Green (CO125).

(Option Code **CO###**) **Optional Colors: \$85.00**

Custom Parallel Flow for SRCC OG300 System 3 reoriented tilt 20-01Collector: These custom collectors are required for the SRCC OG300 System 3 reoriented tilt kit. includes 6 mounting ells. With bottom (through roof) or top and bottom side feed and return on one end, slope panel 1/4" per 2' (1.5" overall absolute rise per panel), with 3 mounting rails, **Order Left PFL1 or Right PFR1 feed and return outlets, back or side outlets.**

Call for details. Add \$60.00 per 20-01 PFL1 or PFR1: 580.00

OTHER SYSTEM PARTS AND OPTIONS:

TR50, 50 foot roll of 3/8" ID, 1/2" OD soft copper tubing with 2 compression unions: \$ 98.00

H180, 180 F High Temperature snap switch, open 180 F, close 140 F, place on cold in: \$ 22.00

MV01, Tempering Valve (3/4" C x C x C) Included with systems 3 and 5: \$ 98.00

QF34, Quad Flow Diverter with 4 - 3/4" solder connections for duel tanks: \$ 84.00

UT20, 20 Gallon storage tank with thermosyphon connections for system 1, 2 and 3 (@130 lb): \$475.00

This Open Loop tank is ideal to place under a gas, oil or propane tank when there is a lack of space. It is SRCC Certified for system 3 with 2 collectors. Delivery not included.

SRC50HE1, SolarRoofs.coms custom 50 Gallon heat exchanger tank (@200 lb): \$885.00

System Top Connect and Tempering Valve Options 1/20/07

- Not Enough Room for the Bottom Connect?
- Don't Know how to or don't like to Solder?
- Make your System installation Even Easier with the Following No Solder Water Side Options:

Open Loop Top Connect Option:

System 1 and 2 Top Connect Option, allows for a no solder solar loop with brass connections to the top of the tank using ¾" threaded water connections: **TC02: \$60.00**

Open Loop Top Connect and Tempering Valve Options:

System 1 and 2 Top Connect Option, with threaded Tempering Valve, allows for a no solder solar loop and tempering valve with brass connections to the top of the tank using ¾" threaded water connections: **TC03: \$245.00**

System 3 Top Connect Option with threaded Tempering Valve, allows for a no solder solar loop and tempering valve with brass connections to the top of the tank using ¾" threaded water connections: **TC04: \$195.00**

Tank Top Tempering Valve Options for Bottom Connection Freeze protected Tanks:

With Tempering Valve and brass connections for systems 1, 2, and 4: allows for a no solder tempering valve connection to the top of most tanks using ¾" threaded water connections: **MVT1: \$185.00**

System 3 and 5 with Tempering Valve and brass connections, allows for a no solder tempering valve connection to the top of most tanks using ¾" threaded water connections, with temperature gauge: **MVT2: \$135.00**

Closed Loop Tempering Valve Options:

System 4 water side with threaded Tempering Valve and brass connections, allows for a no solder tempering valve connection to the top of most tanks using ¾" threaded water connections, with temperature gauge: **MVT1: \$185.00**

System 1, 2 and 4 Tempering Valve Option

a good protection against hot water burns, soldering required to install:

Solar Hot Water Tempering Valve (Requires soldering for installation): **MV01: \$ 98.00**

PV PUMPED SYSTEM OPTION

To prevent losing heat during cool mornings

110 F Normally Closed snap switch Closes 110 F, Opens 90 F*: **S110: \$ 32.00**

- * Use with PV pumped systems when connecting to a gas water heater, or for closed loop system to prevent losing energy on cool mornings. Place the switch just inside the collector hot out so it senses the temperature inside the collector. Connect by breaking the red PV wire to the pump.

COLLECTOR AND COMPONENT Price List

COLLECTOR and MOUNTING RAIL PRICE LIST 1/20/07

5840 Gibbons Dr. Suite G, Carmichael, CA 95608

Phone: (888) 801-9060 (916) 481-7200 Fax: 481-7203 Email: info@SolarRoofs.com

This Price List is for Individual Components – for Systems, see SYSTEM Price List

Note: This price list supercedes all previous price lists - Check Web Site for Updates.

General Sizing Guidelines: Systems should be sized to have a min. of 1 gallon of storage per sq. / ft. of collector area, more in hot climates. One 10-01 collector is good for situations such as campers, boats, cabins or as a start to energy independence at home.

To supply 60 to 85% of the hot water needs from solar for residential applications in warm climates the following is recommended:

- Two (2) 10-01 collectors, or one (1) 20-01 collector, for the first person, and one (1) additional 10 -01 collector per person or one (1) 20-01 for every 2 people.
- In cloudy and/or cold areas where a heat exchanger is needed, add Two (2) 10 -01 collectors, or one (1) 20-01 for the second person. Example: A family of 4 in New England should have either six (6) 10 -01 or three (3) 20-01 collectors.

Standard Color is Musket Brown (CO101), with a free option of Dove (medium) Gray (CO109), Color Options are extra.

Delivery, See Last Page. Note: coll. = collectors, X = fill in number of coll.

10-01 Collectors: 10 Square Feet, 20" wide X 6' long X 3" thick, 19 pounds. (SRCC applied for)

Single piece unit, includes 4 mounting ell kit (1001#C): \$299.00

Single 10-01 collector includes 4 –1 ½" Mounting Ell brackets, 8 color-coded screws to attach mounting ells and 4 large washers.

20-01 Mounting Rails: SolarRoofs.com provides 20-01 collectors with specific length rails for 1, 2, 3 and 4 stacked 20-01 collectors. 1 and 2 coll. use 4 mounting points (4 lags) and 3 or 4 coll. Use 6 mounting points (6 lags). 2, 3 and 4 coll. 20-01 kits have color-coded mounting ells with carriage bolts to make the installation of the longer collectors easier.

2 mounting rails with lags per collector (MR10#C): 24.00

20-01 Collectors: 20 Sq. Ft., 20" wide X 12' long X 3" thick, 38 pounds, SRCC OG100 Rated.

Single piece unit, includes 6 mounting ell kit (2001#C): \$560.00

Single 20-01 collector includes 6 –1 ½" Mounting Ell brackets, 12 color-coded screws to attach mounting ells and 6 large washers.

20-01 Mounting Rails: SolarRoofs.com provides 20-01 collectors with specific length rails for 1, 2, 3 and 4 stacked 20-01 collectors. 1 and 2 coll. use 4 mounting points (4 lags) and 3 or 4 coll. Use 6 mounting points (6 lags). 2, 3 and 4 coll. 20-01 kits have color-coded mounting ells with carriage bolts to make the installation of the longer collectors easier.

3 mounting rails with lags per collector (MR20#C): 32.00

10-01 and 20-01 Collector Tubing Installation kits

(SCO1 Stacked Array Kit is Standard with system, SSC1 is a no cost (N/C) option system option)

These kits include the required Pressure Relief Valve, an air coin or auto. vent, all the parts required to connect the collectors to 1/2 " OD copper pipe without soldering. See collector installation manual.

Stacked Collector Array Installation Kit: Includes 1 compression Ell for the feed; 1 compression TEE, one 150 Lb pressure relief valve and air vent with pre-soldered adaptor 1 through roof compression Ell 2" stick of 1/2" OD copper for the return, 2 roof boots: **SCO1: 78.00**

Side by Side Collector Array Installation Kit: Includes 2 compression Ells, 1 compression TEE for the feed; 1 compression ell, 2 compression TEEs, one 150 Lb pressure relief valve and air vent with pre-soldered adaptor to connect to compression TEE for the return, 2 – 2" sticks of 1/2" OD copper, 2 roof boots: **SSC1: 108.00**

SCO1 Open Loop Light Freeze Valve with installation Kit , For Light Passive freeze protection to 30F, **FULLY DRAIN BEFORE HARD FREEZE! (STACKED ARRAY ONLY)** **FV04: 118.00**

SSC1 Open Loop Light Freeze Valve with installation Kit , For Light Passive freeze protection to 30F, **FULLY DRAIN BEFORE HARD FREEZE! (SIDE BY SIDE ARRAY ONLY)** **FV05: 126.00**

System Tilt Kits For Skyline 10-01 or 20-01 (option) 1 1/2" aluminum Ell legs with 1 1/2" aluminum Ell feet and hardware tilt panels approximately 18 degrees or as specified from existing roof angle. The same price applies to 10-01 and 20-01 collectors.

Tilt kits are used when a better winter angle is desired on a low pitch roof or to "reorientate" panels to face south by running the panels up and down an East or West facing roof. (*modified tilt angles available)

	10-01 Collector	20-01 Collector
Single Panel: 1" sq. alum. Sq. tube rails with 6"* legs and hardware		
26" Single panel tilt kit:	TK01-2 \$50.00	TK01-3 \$65.00
Double panels: 1" sq. alum. Sq. tube rails with 12"* legs and hardware		
48" Double panel tilt kit:	TK02-2 \$65.00	TK02-3 \$85.00
Triple panels: 1' x 2" heavy alum. channels with 18"* legs and hardware.		
70" Triple panel tilt kit:	TK03-2 \$115.00	TK03-3 \$145.00
Four panels: 1' x 2" heavy alum. channels with 24"* legs and hardware.		
92" Four panel tilt kit:	TK04-2: \$165.00	TK04-3: \$205.00

Collector **COLOR** Options (one change covers all collectors in the order):

Standard Color (Default): Musket Brown (C101)

Free Optional Color: Dove/Old Town (Medium) Gray (C109) – Note: This is a no cost option.

Optional Colors Include: Colonial (light) Gray (CO102), Tahoe Blue (Col03), Colonial Red (Col04), Forest Green (Col05), White (Col06), Buckskin Brown (CO107), Beaver (medium) Brown (CO108), C.B. (medium) Blue (CO110), Spanish Green (CO111), Storm/Slate (dark) Gray (CO112), Royal Brown (CO113), Ivory (CO114), Sea Blue (CO115), Leaf Green (CO116), Pebblestone Clay (CO117), Woodbeige (CO118), Peach (great on many light orange tile roofs) (CO119), Almond (CO120), Black (CO121), Adobe Tan (CO121), Classic Cream (CO122), Bronze (CO123), Heritage Cream (CO124), Marine Green (CO125).

(Option Code **CO####**) **Optional Colors: \$85.00**

SolarRoofs.com System Components and Parts: 1/20/07

Note: Other Pumps and PV Panels are available on request.

RK01, Retail Kit (RK01) includes a 50' roll of ½" OD / 3/8" ID copper, compression unions, wires, lags, Installation and O and M manual (specify system):	\$225.00
QC01, "Quick Connect" Kit, assembly with floating check valve, isolation valves, drain hose bibs, 1/2" ID copper stub on return and feed side:	\$380.00
TC02, "Top Connect" Kit, same as QC01 but connects to top of tank:	\$430.00
QRK1, "Power Rod" Kit, Pumped heat exchanger assembly with 1 floating check valves, charging hose bibs with isolation valve and expansion tank, set up for ½" nominal copper, (2 pumps required and not included):	\$820.00
HE80, Kit: Full connections for the 80 gallon Rheem / Rudd heat exchanger, pre-assembly with 1 floating check valve, charging hose bib ports with isolation valve, pressure gauge, expansion tank:	\$425.00
TR50, 50 foot roll of 3/8" ID, 1/2" OD soft copper tubing with 2 compression unions:	\$ 98.00
TC01, Taco 006 110V Circulator (C x C):	\$190.00
ES10, El Sid 10 Watt 12V Circulator (1/2" male):	\$277.00
HC18, March 809 18 Watt 12V Circulator (Hartel Electronic - add \$100.00 - 1/2" male):	\$265.00
PV10, 10 Watt 12V Panel With Mounting Hardware:	\$160.00
PV20, 20 Watt 12V Panel With Mounting Hardware:	\$240.00
PV30, 30 Watt 12V Panel With Mounting Hardware:	\$360.00
FV01, 40F Freeze Valve (Starts to drip water at 40F – ¾" thread):	\$ 85.00
FS02, Freeze Snap Switch closes at 40F 12 Volt (for LIGHT freeze protection)	\$ 55.00
FS03, FS02 Kit with 25' wire and 110V to 12VDC Transformer for PV Recirculation*:	\$ 95.00
H180, 180 F High Temperature snap switch , open 180 F, close 140 F, place on cold in:	\$ 22.00
S110, 110 F Normally Closed snap switch , Closes 110 F, Opens 90 F, place in collector hot out:	\$ 32.00
TG01, 250 F Temperature Gauge with ½" brass tee and adaptor:	\$ 38.00
DC01, IE Differential Control with 2 sensors & Recirculation option:	\$188.00
PR15, 150 Pound Pressure Relief Valve (1/2" male):	\$ 38.00
CV01, Floating Ball Check Valve with ½" MPT threads at both ends:	\$ 36.00
AV01, Air Vent (specify 1/8" or ¼" male thread):	\$ 25.00
MV01, Tempering Valve (3/4" C x C x C):	\$ 98.00
QF34, Quad Flow Diverter with 4 - ¾" solder connections for duel tanks:	\$ 84.00
UT20, 20 Gallon storage tank with thermosyphon connections for system 1, 2 and 3 (@130 lb):	\$475.00
SRC50HE1, SolarRoofs.coms custom 50 Gallon heat exchanger tank (@200 lb):	\$885.00
81V080HE1, Rheem Heat Exchanger Tank delivered in the 48 (for Sys 5 SRCC rating):	\$1,565.00

Terms: Full payment upon order. Shipping is usually within 15 business days on standard orders but seasonal variations may effect delivery times. **Please order as early as possible!**

Notes: -Special arrangements and discounts can be made for volume purchases with variations to best suite your needs. Custom collectors, including especially attractive flush mount collectors including a full-length flashing and mounting rail with the feed and return out of the bottom of the collector are available. **PLEASE Check Web Site for Monthly updates. All prices and specifications are subject to change without notice.**

SolarRoofs.com ORDER FORM Dealer # _____ Order # _____

Phone: (916) 481-7200 Fax: 481-7203 Web: www.SolarRoofs.com Email: Info@SolarRoofs.com

Mail to: SolarRoofs.com 5840 Gibbons Dr. Suite G, Carmichael, CA 95608

Name: _____ Date: _____

Address: _____ City: _____

State: _____ Zip: _____ Phone # _____ Fax # _____

Cell: _____ Email: _____

Is ship to address the same? Yes No (If No, please write ship to address in Other Instructions)

Other Instructions: _____

The length of my pipe run (collector to tank) is: _____ Feet

My water heater is: Electric Gas Propane Oil

people in home _____ Lowest Temperatures _____ F.

Storage Gal. _____ / Re-circulation Yes: No:

Adding solar storage? Yes No # _____ Gallons

8" Clearance in front of storage tank? Yes No

Type of Roof _____

Orientation of Roof to South _____⁰ Pitch _____⁰

Mounting System: Stacked _____ Side by Side _____

4" block _____ 2 Rails: _____ Tilt: _____ Degree: _____

Color: Musket Dove Gray Optional: _____

Notes: _____

Note: System Number = X001 (+ system # if any) + number of collectors (C), or System Type then number of collectors

Example: 2 1001 Collector only: 10012C,

10 or 20 System Type 1-5 # Collectors System Type Extension

Quantity	Item	Price	Total
_____	System: _____ 01 _____ C _____	_____	_____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	_____ @ _____	_____	\$ _____
_____	TOTAL Before Tax:	_____	\$ _____
_____	CA Tax (Total X .075)	_____	\$ _____
_____	BOXING & SHIPPING*	_____	\$ _____

BALANCE TOTAL with Tax (if required): \$ _____

✓ Check made out to **SolarRoofs.com** Enclosed: _____ Being Mailed: _____

CHARGE TO MY: MASTERCARD VISA AMERICAN EXPRESS Discovery Card

CARD # _____ EXP. DATE ____ / ____

You have my permission to charge my card for the above total.

Signature or Verified By: _____ (Verify Card address and Zip Code)

Return Policy: Check Shipment upon arrival, refuse if damaged. Customer must file claim for damage if accepted. 85% materials refund will be made upon return of the complete system in good condition, with shipping prepaid to the factory, within 10 days of shipment arrival. Company will cover shipping if there is a factory defect not related to shipping.

Thank you for your order! Your installation help number for any questions you have is: **888-801-9060**. You are now on your way to receiving a truly great product value which will Benefit your family and the environment for many years to come! Please "Spread the Word" and Help Achieve a "Million Solar Roofs" as soon as possible, after all, what the Environment needs is tens of millions of Solar Roofs!

Approved by: _____