

## ACR Solar International Corp. (ACR Solar) Skyline Open Loop "Islander" Systems

5/26/2014 All Prices are Plus Crating and Shipping

### Easy to install "Islander" 100% "Run By The Sun" Solar Water Heating System Features:

**Premium Skyline Collectors** are 20" wide X 6' long, 19 LB , light weight, attractive, high performance, easy to install, no tank above collector(s) on the roof for low roof load.

**Base Islander Install Kit A.** for 10 and 20 s/f systems: All basic solar loop parts for a simple CPVC installation to an existing or added standard water heater.

**Deluxe B. or Gold C. Install Kits** include all parts to install the collectors using a 100% copper, no solder, solar loop. Can be used with any number of collectors.

C. Gold kit is SRCC OG-300 "Skyline3" Rated when used with 20, 30, 40 and 60 s/f systems.

Because of high temperature potential, the 30 s/f system is priced with install kit B. and the 40 s/f system is priced with install kit C. which includes a tempering valve

\* **Family sizing is for areas where the average supply water is 75 F or greater. For under 75 F add 10 s/f to family size**

### Order by Collectors + Install kits: A. = Base Islander 10 and 20 s/f systems, B. = Deluxe Islander C. = Gold Islander B. and C. are for up to 80 s/f

Collector:	Sugg. Retail	(Dealer Price is for 5 or more systems per order)
> Skyline 10-01	\$345	Includes: 4 EII brackets, 8 tec screws, 4 SS washers.
A. Base Islander Install Kit, Code: AIK	\$354	See A. Install Kit below, over 20 s/f of collector area can damage and melt CPVC.
B. Deluxe Islander Install Kit, Code: BIK	\$710	See B. Install Kit below, 100% of the no solder solar loop is included.
C. Deluxe Gold Islander Install Kit, Code: CIK	\$1,115	See C. Install Kit below This Kit is SRCC OG-300 System Rated.

### Or Order by Systems:

System:	Sugg. Retail	* Family size	Recomm. Tank Size	~ Watts / kWh Day
A. 10 s/f Base Islander system, Code: 100111CA	\$699	1 - 3	20 - 40 Gallon	500 / 3
A. 20 s/f Base Islander system, Code: 100112CA	\$1,044	3 - 5	30 - 50 Gallon	1,000 / 6
B. 30 s/f Deluxe Islander system, Code: 100113CB	\$1,745	5 - 6	50 - 80** Gallon	1,500 / 9
C. 40 s/f Gold Islander system, Code: 100114CC	\$2,495	6 +	80** - 120** Gallon	2,000 / 12

- A. **Base Islander Install Kit** (Note: To prevent melting CPCV, this kit is for 10 and 20 s/f systems, dealer or customer is expected to supply all remaining components):  
 1 or 2, 10-01 Skyline collectors(s) trimmed in Dove (medium) Gray, White, or Colonial Red. Other optional colors available. (6" mounting blocks not included).  
 Note: each 10-01 collector include 4 EII Brackets; 4, 1 1/2" stainless fender washers; 8 tek screws. \*\*\* Denotes not part of kit B. or C.  
 1, 10 Watt, 12 Volt PV panel (mounting kit not included)  
 1, 12 Volt 1/2" M (Male Pipe Thread) x 1/2" M PV Pump  
 2, 5' long 1/2" OD soft copper tubes with 1/2" Male adaptor soldered on end to connect copper or CPVC line from tank to **(Note: do not insulate copper pipe before CPVC).**\*\*\*  
 1, 1/2" F (Female Pipe Thread) Pressure Relief valve to protect solar loop, pre-soldered adaptor included.  
 1, 1/2" compression Tee to connect Pressure relief valve adaptor and 5' copper adaptor to collector Hot return line  
 1, 1/2" compression union to connect 5' copper adaptor to collector feed line.\*\*\*  
 2, 1/2" F Hose Bibs to drain solar loop. Return side is used to purge solar loop of air and charge solar loop with water.  
 2, 1/2" F X F Ball Valves to isolate the solar loop before the hose bibs from the tank  
 1, 1/2" F X F Floating Ball Check Valve installed on the solar hot return line, prevent heat loss from the tank at night  
 NOTE: 6" mounting blocks, PV Panel brackets and hardware items such as connecting lines, Tees, etc. needed to connect hose bibs, ball valve, and to the tank are not included.
- B. **Deluxe Islander Install Kit** (Add \$578 dealer/\$770 retail): Includes all solar loop fitting, Quick Connect Kit to tank drain or to top of optional 4 port tank\*,  
 50" of 1/2' od copper tube, switch, roof boots, PV panel brackets, 4-6" mounting blocks for first collector and 2 per additional collector. Can be used with any system.
- C. **Gold Islander Install Kit** (Add \$836 dealer/\$1,115 retail): Includes everything in B. plus Tempering Valve, 36' 1/2' high temp. insulation, 2 thermometers, Air Vent. SRCC Rating

- > **\*\*TANKS:** Top Connect, Ideal for 30 s/f and larger systems: 65 Gallon: \$796 retail; 80 Gallon: \$879 retail; 120 Gallon: \$1,100 retail
- > **PARTS:** Tempering valve, recommended for 30 s/f and larger systems: \$184 retail | PV 10 TopsFlow Pump: \$109 retail  
 50' 1/2" OD soft copper roll: \$99 retail | 2" Temperature Gauge, 1/2" NPT: \$25 retail, 6" mounting blocks set of 2: \$7.00 retail  
 Pipe Insulation, High Temp. Solid 1/2" Wall for 1/2" 5/8" OD Tube 6' long: \$12 retail | 10 Watt PV: \$79 retail
- > **Other system sizes, rail setups, tanks, and configurations are available to fill your needs. Prices subject to change as our costs change.**