



Submittal Data Information

ETC-30 Solar Collector

USA Version
A11-01.2.1.3-PB-V3 - June 2015

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

Part Codes

ETC-30 Solar Collector Complete is comprised of:
 1 x ETC-30-KIT (Manifold and standard frame)
 3 x BOX-ET/HP-10/10 (Tubes and heat pipes)

Applications

The Apricus ETC-30 collector is designed to be used in a wide variety of solar thermal (heat) applications in almost any climate. The evacuated tube and heat pipe technology provides very efficient and reliable solar thermal production in a simple to install design.

Materials of Construction

Evacuated Tubes:	Borosilicate 3.3 Glass
Absorber:	Cu-AL/N-SS
Heat Pipes:	High purity copper
Rubber Components:	HTV Silicone Rubber
Mounting Frame:	6005-T5 Anodized Aluminum 316 SS Fasteners
Manifold Casing:	3003 AL, PVDF coating

Flow Guidelines

Recommended Flow Rate:	0.5 gpm
Max Flow Rate:	4 gpm
Heat Transfer Liquid:	Water or 50% Glycol/water

Physical Specifications

Dimensions (WxHxD):	78.9" x 86.4" x 5.35"
Aperture Area:	30.77 ft ²
Gross Area:	47.33 ft ²
Gross Dry Weight:	209 lbs
Fluid Capacity:	0.2 gal
Max Operating Pressure:	116 psi
Stagnation Temperature:	442°F

Warranty

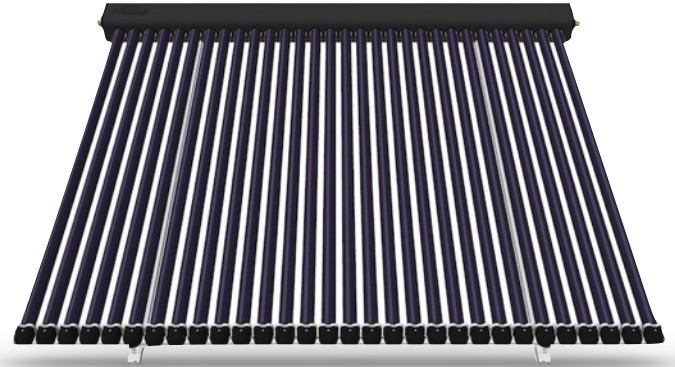
- 10 year limited warranty on tubes and heat pipes
- 15 year limited warranty on copper header and mounting frame

Certifications

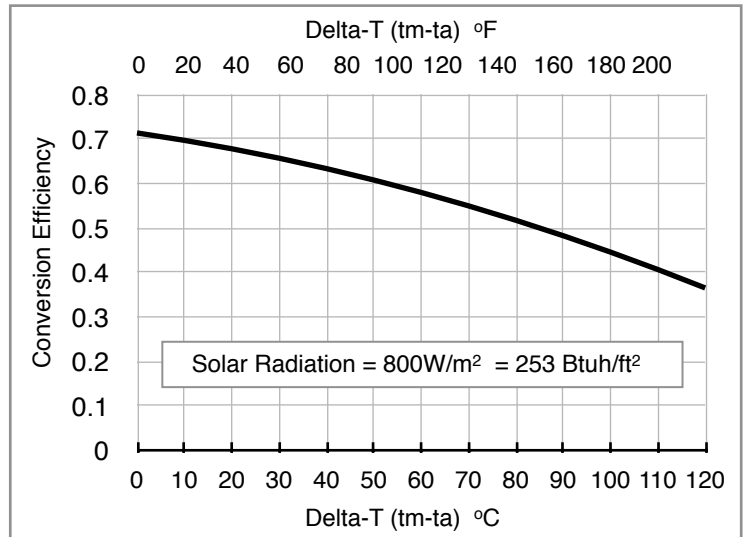
SRCC OG-100:	10001909
USEC:	S-5995
NSF-61 Tested:	17248

OG-100 Performance Ratings

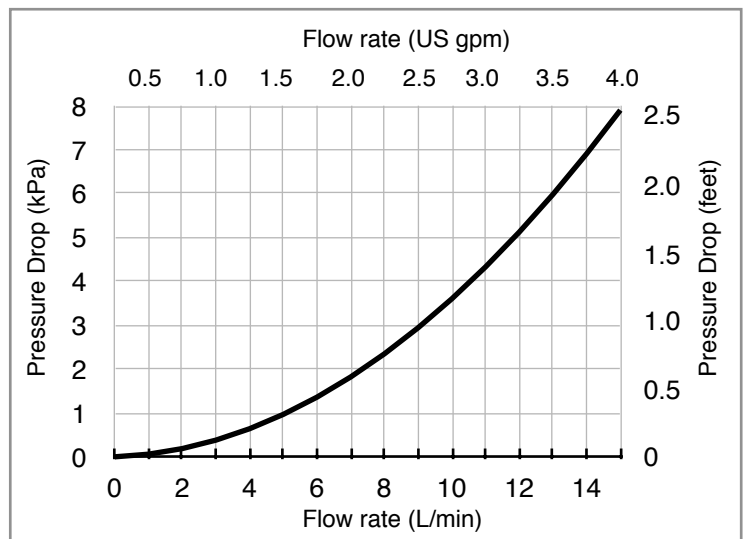
Climate Category (Ti-Ta)	High Radiation (2000 Btu/ft ² /day)	Medium Radiation (1500 Btu/ft ² /day)
A (-9°F)	45.3	34.2
B (9°F)	43.7	32.6
C (36°F)	40.9	29.8
D (90°F)	34.4	23.5
E (144°F)	26.7	15.8



Collector Performance (aperture area)



Pressure Drop



Sustainable HOT WATER Solutions, Delivered by APRICUS

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