Part Codes
ETC-20 Solar Collector Complete is comprised of:
1 x ETC-20-KIT (Manifold and standard frame)
2 x BOX-ET/HP-10/10 (Tubes and heat pipes)

Applications
The Apricus ETC-20 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.

Features
- Twin glass evacuated tube (passive solar tracking)
- Freeze resistant heat pipes
- Only 4 braze points, extremely reliable header design
- Steam-back and drain-back compatible
- Potable water certified copper header pipe
- Flared compressions fittings for reliable, leak free connections
- Cyclone rated, corrosion resistant aluminium mounting frame
- 10 year limited warranty on tubes and heat pipes
- 15 year limited warranty on copper header and AL frame
- Efficient performance at high differential temperatures

Materials of Construction
- Evacuated Tubes: Borosilicate 3.3 Glass
- Absorber: Cu-AL/N-SS
- Heat Pipes: High purity copper
- Heat Transfer Fins: Aluminium
- Rubber Components: HTV Silicone Rubber
- Mounting Frame: 6005-T5 Anodized Aluminium
- Manifold Casing: 3003 AL, PVDF coating

Performance Data
- Recommended Flow Rate: 0.5 gpm
- Max Flow Rate: 4.0 gpm
- Peak Power Output: 4,580 Btuh
- Eta0: 0.714 *
- a1 (W/m²K): 1.243 *
- a2 (W/m²K²): 0.009 *

* Data from TUV report 154035663 for Solarkeymark certification.

Physical Specifications
- Dimensions (WxHxD): 58.9 x 78.9 x 5.35"
- Aperture Area: 20.52 ft²
- Gross Area: 32.3 ft²
- Gross Dry Weight: 141 lbs
- Fluid Capacity: 0.14 gal
- Max Operating Pressure: 116 psi
- Stagnation Temperature: 442°F

Certifications
- Solarkeymark: 011-7S2323R
- AS/NZS 2712-2007: 100633
- SRCC OG100: 10001911
- USEC: S-5995
- NSF-61 Tested: 17248