



Submittal Data Information

Dual Wall Brazed Plate Heat Exchanger Kit

#SS-5.1-1

Effective: October 8, 2010

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

Part Code

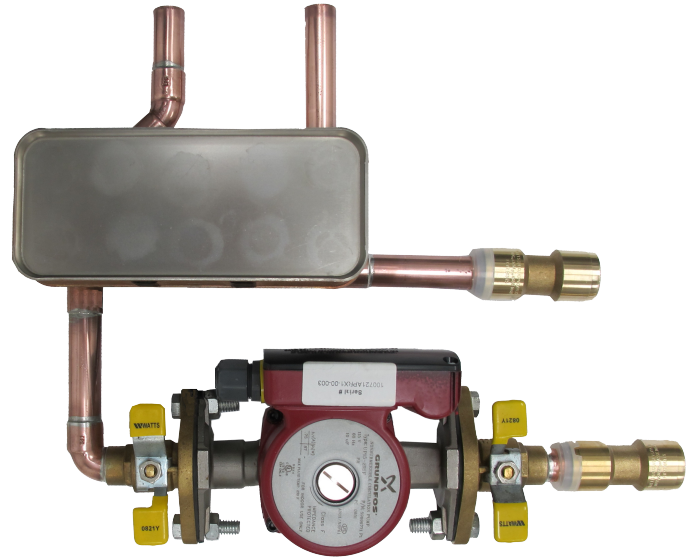
APS-ADD-12DWBPHE

Applications

The Apricus Dual Wall Brazed Plate Heat Exchanger Kit (DWBPHE) is used in closed loop solar thermal systems to transfer energy from the solar system to the storage tank. The DWBPHE provides a barrier between the heat transfer fluid and your potable water as well as providing leak detection.

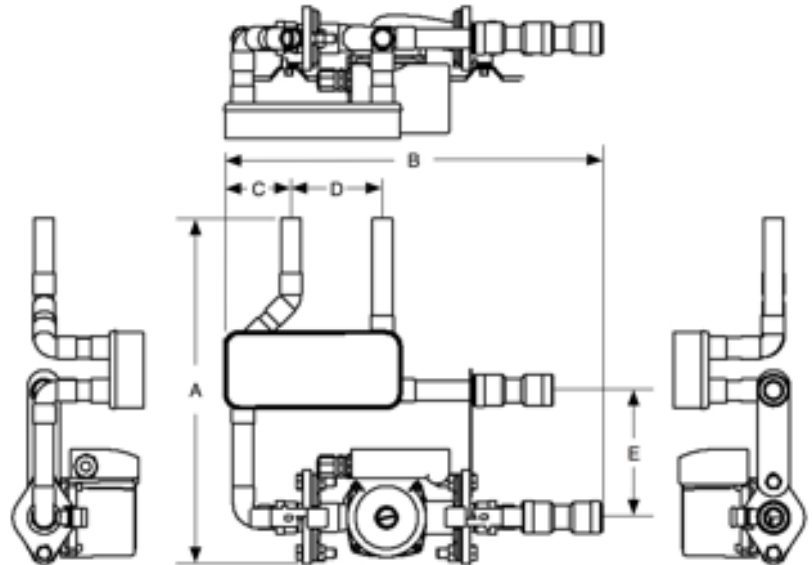
Features

- Plug and play with Apricus Closed Loop Pump Station
- Meets requirements of NSF 61
- Dual wall heat exchanger with leak detection
- Stainless steel circulator pump
- Efficient transfer of solar energy to storage tank
- Can work with up to 3 AP-30 collectors (90 tubes)



Product Specifications

- Dry Weight: 20 lb
- Maximum Transfer: 20 kBtu/hr (90 tubes)
- Solar Connection: 3/4" ID Copper w. Quick connect fittings
- Tank Connection: 3/4" ID Copper w. Quick connect fittings
- Heat Exchanger Type: Dual wall with leak detection
- Number of Plates: 12
- Heat Exchange Area: 1.80 sq.ft.
- Max Operating Pressure: 145 psi
- Max Temperature: 225 oC / 437oF
- Plate Material: SS316L
- Brazing Material: 99.9% Copper
- Circulation Pump: Grundfos UP 15-29SF
- Power: 0.75 A , 0.12 Hp
- Voltage: 115 VAC
- Acceptable Fluids: Water
Propylene Glycol (≤50%)
Glycerine



	A	B	C	D	E
Dimension	15.25"	16.75"	3.00"	4.0"	5.60"

Sustainable HOT WATER Solutions, Delivered by APRICUS

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