

STS Model No.	Width Inches	Length Inches	Depth Inches	Gross Area Sq Ft	Net Aperture Sq Ft	Dry Weight, Lbs.	Fluid Capacity U.S. Gallons	Design Flow Rate GPM	Pressure Drop at Design Flow Rate in PSIG	Max Flow Rate GPM	Maximum Operating Press PSIG	Std. Header Width, Inches	Std. Header Diameter Inches Nominal	Header, Center to Center, Inches
BC/BP48	48 1/8	98 1/4	3 1/4	32.79	29.81	106	1.00	0.83	0.006	12	160	51 3/8	1	93 5/8
BC/BP410	48 1/8	122 1/4	3 1/4	40.81	37.33	141	1.20	1.04	0.009	12	160	51 3/8	1	115 5/8
BC/BP410-415	48 1/8	122 1/4	3 1/4	40.81	37.33	150	1.61	1.04	0.006	25	160	51 3/8	1 1/2	115 5/8

MODEL BC

SRCC THERMAL PERFORMANCE RATINGS*

MODEL BP

Btu/ft ² /Day			
Category (Ti-Ta) <small>Ti = Inlet fluid temp Ta = ambient air temp</small>	CLEAR DAY 2000 Btu/ft ² /Day	MILDLY CLOUDY DAY 1500 Btu/ft ² /Day	CLEAR DAY 1000 Btu/ft ² /Day
A(-9°F)	1,332	1,005	680
B(9°F)	1,218	890	565
C(36°F)	1,040	720	402
D(90°)	699	405	127
E(144°F)	390	137	-

Btu/ft ² /Day			
Category (Ti-Ta) <small>Ti = Inlet fluid temp Ta = ambient air temp</small>	CLEAR DAY 2000 Btu/ft ² /Day	MILDLY CLOUDY DAY 1500 Btu/ft ² /Day	CLEAR DAY 1000 Btu/ft ² /Day
A(-9°F)	1,284	971	659
B(9°F)	1,189	854	542
C(36°F)	984	677	372
D(90°)	619	343	89
E(144°F)	280	62	-

Thermal performance is obtained by multiplying the collector output for the appropriate application and insolation level by the total gross collector area.

*Collector ratings are derived from the Solar Rating & Certification Corp (SRCC) Document RM-1 and Standard OG-100.