

FLUID COOLING | Brazed Plate BP Series

STAINLESS STEEL CONSTRUCTION

Features

- Stacked Plate
- Stainless Steel
- Copper Brazed
- Oil to Water Applications
- High Performance
- Compact Design
- NPT Connections
- Oil Cooling
- Solvent Condensing
- Water Cooling/Heating
- Refrigeration Service
- Gas to Gas
- Gas to Liquid
- Optional Nickel/Chrome Brazed Construction



ADDITIONAL MODELS AVAILABLE – please consult factory for more information

WATER COOLED BP

Ratings

- Maximum Working Temperature** 350° F at 450 psi*
- Maximum Working Pressure** 450 psi**
- Test Pressure** 600 psi

*Maximum working temperature can increase with derating of working pressure.
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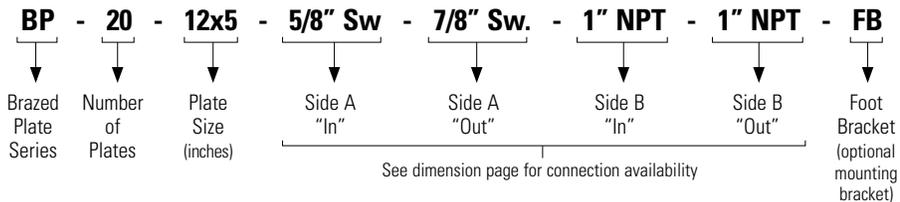
Pressure rating is for copper brazed only.

Materials

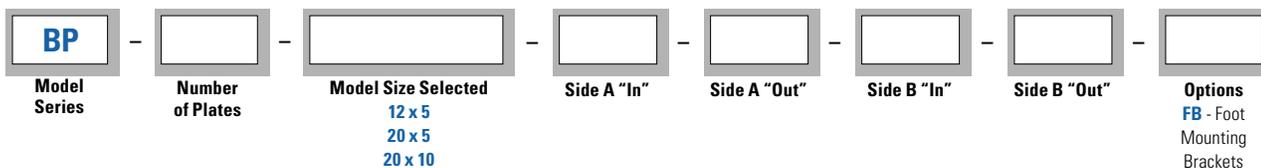
- Plate Material** 316L Stainless Steel
- Braze Material** Copper – Standard
Nickel/Chrome – Optional
- Stud Bolts** 304 Stainless Steel
- Front and Back Pressure Plates** 304 Stainless Steel
- Connectors** 304 Stainless Steel
- Foot Mounting Brackets** 304 Stainless Steel

Model Coding

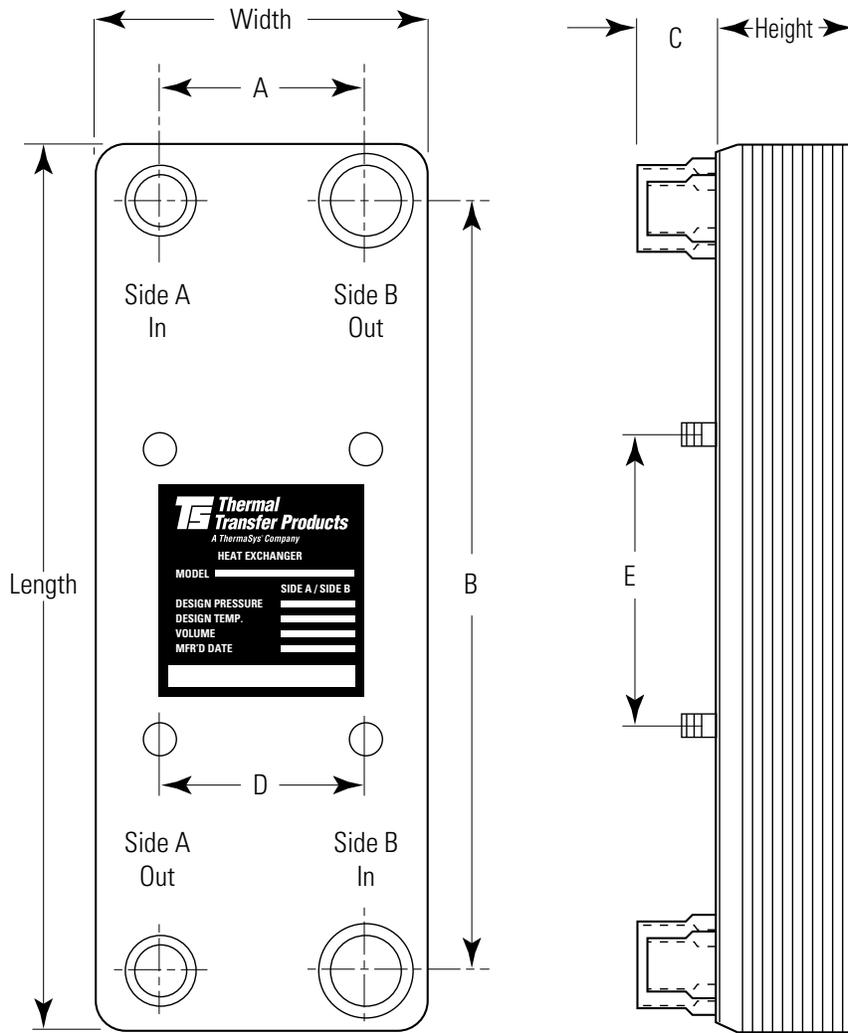
Example Model No.



How to Order



Dimensions



Model	D	E
12 x 5	2.5"	3.5"
20 x 5	2.5"	5.5"
20 x 10	4.0"	5.5"

Model	Stud Bolt Length
12 x 5	3/8-16 x 7/8"
20 x 5	
20 x 10	1/2-13 x 1-1/8"

Connection Type	C Dimension
1/2, 5/8, 7/8 ID Sweat & 3/4" NPT	1.125"
1-1/8 ID Sweat & 1" NPT	1.250"
1-3/8 ID Sweat & 1-1/4" NPT	1.375"
1-5/8 ID Sweat & 1-1/2" NPT	1.500"
2-1/8 ID Sweat & 2" NPT	1.750"
2-5/8 ID Sweat & 2-1/2" NPT	2.000"

Model	Dimensions (in.)					Connections	Weight Approx. (lbs)
	L	W	H	A	B		
BP 12 x 5	12.2	4.9	.094 x #plates + .36	2.7	9.9	Sweat: 5/8", 7/8", 1-1/8", 1-3/8" ID Threaded: 3/4", 1", 1-1/4" NPT	.34 x #plates + 3.0
BP 20 x 5	20.3	5.0	.094 x #plates + .36	2.8	18.1	Sweat: 5/8", 7/8", 1-1/8", 1-3/8" ID Threaded: 1", 1-1/4" NPT	.52 x #plates + 4.2
BP 20 x 10	20.3	9.8	.094 x #plates + .36	6.5	17.0	Sweat: 7/8", 1-1/8", 1-3/8" 1-5/8" 2-1/8", 2-5/8" ID Threaded: 1-1/2", 2", 2-1/2" NPT	.80 x #plates + 9.8

Notes: When ordering, add description of all four connections (sweat or Male Pipe Thread MPT and size).
Some applications may require that the **In** and **Out** connections be reversed. Consult factory for recommendations.