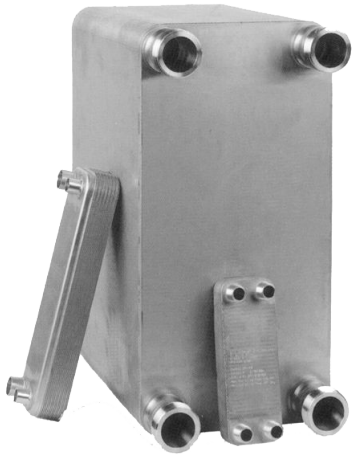
doucette industries, inc

Item # BP 1, Brazed Plate Heat Exchangers (1/2 to 30 Hp)



$495.00

Compact High-Efficiency Heat Transfer Systems

Doucette Continues to Transform the Heat Exchanger Industry

The compact size, low refrigerant charge, and superior heat transfer characteristics of Doucette's Brazed Plate Heat Exchangers make them ideal for evaporator, condenser and sub-cooler applications. Available for virtually any duty, the Brazed Plate Heat Exchangers are available with copper or nickel brazing materials. Standard units have 316 Stainless Steel plates with copper brazing and sweat connections. U.L. listed for 450 psig DWP.

Specifications	
HP	1
Connections	Refrig. Water
Width	3.5 "
Height	12.8 "
Depth	2.6 "
Application	Fresh Water
Refrig. In	5/8 "
Refrig. Out	5/8 "
Water Conn.	7/8 "
Weight	8 lbs
DWP	450 psig (650 psig optional)
Installation Recommendation	To prevent premature clogging from open condenser water loops install a 16-20 mesh strainer in the inlet water line to the heat exchanger.

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Brazed Plate - The New Standard in Heat Transfer

Brazed plate heat exchangers are carving a big chunk out of the heat transfer industry with their compact size and high efficiency design. Brazed plate units are up to six times smaller than alternative methods of heat exchange with the same capacity. The key lies in their unique construction. Up to 150 corrugated stainless steel plates are brazed together with every second plate turned 180 degrees. This design creates two highly turbulent fluid channels that flow in opposite directions over a massive surface area. The result, a significantly higher heat transfer coefficient with less required surface area and outstanding performance characteristics.

Compact, Durable and Low-Maintenance

The compact size of Doucette's brazed plate heat exchangers means lower shipping and installation costs, and their lightweight design makes maneuvering much easier. Despite these features, no compromises are made on strength, as the brazing process welds the plates together at thousands of contact points in each unit. The benefits are easily recognized, exceptional durability along with higher operating pressures and temperatures. The 316SS construction of brazed plate heat exchangers also provides superior corrosion resistance, and fouling is virtually eliminated by the self-cleaning effect generated through high induced turbulence.

The Highest Quality for a Lower Investment

Doucette's brazed plate heat exchangers are assembled from a very small number of machine formed parts, resulting in significantly less manufacturing time and reduced costs to the end user. Machine formed parts also mean product quality and performance parameters are easily met. And every Doucette brazed plate heat exchanger must pass careful checks on quality, as well as compliance with specifications and dimension tolerances.

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