



# Brazed Plate Exchangers

*Efficient, Dependable Heat Transfer in a Compact Package*

## Applications

- District heating
- Solar heating
- Vapor condensers
- Hydraulic oil cooling
- Refrigeration applications
- Steam heating
- Liquid nitrogen cooling
- Hot water generators
- Packaged systems
- Heat pumps/heat recovery units

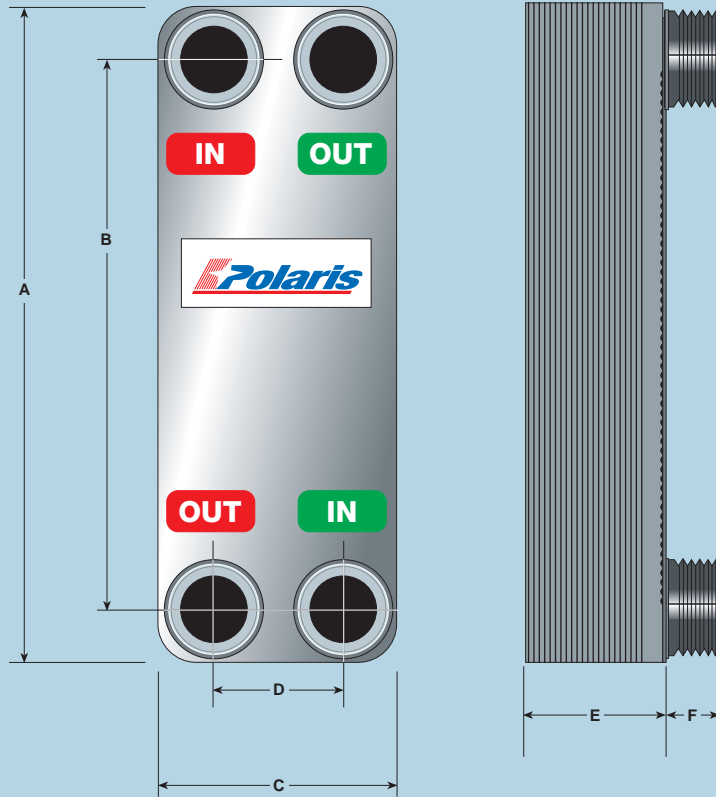


For superior performance in a wide range of heat transfer applications, choose Polaris Brazed Plate Exchangers. Brazed exchangers from Polaris offer all these advantages:

- Compact, lightweight design
- Low cost
- Gasket-free construction for higher pressure/temperature operation than other PHEs
- Rugged stainless/copper construction

▶ Nickel brazing available

# Brazed Plate Exchangers



**STANDARD DATA**

- Min. working temperature -300°F
- Max. working temperature +390°F
- Max. working pressure 435 psi
- Test pressure 652 psi

**MATERIALS**

- Plates and connections: AISI 316

TYPE	A	B	C	D	E	F	CONN. SIZE	WEIGHT	AREA/PLATE	VOLUME/CHANNEL
							NPT	LBS.	SQ.FT.	GALLON
	(inch)									
SL34TL	11 1/2"	9 1/2"	4 5/8"	2 1/2"	(N x .08)+0.3	3/4"	1"	(N x .26)+ 1.3	0.366	0.014
SL70TL	19 5/8"	17 1/2"	4 5/8"	2 1/2"	(N x .09)+0.3	3/4"	1 1/2"	(N x .48)+ 3.0	0.753	0.023
SL70TK	19 5/8"	17 1/2"	4 5/8"	2 1/2"	(N x .09)+0.4	3/4"	1 1/2"	(N x .48)+ 3.0	0.753	0.023
SL140TL	23 7/8"	20 1/2"	9 3/8"	5 7/8"	(N x .10)+0.4	3/4"	2 1/2"	(N x .95)+10.0	1.506	0.084

(N = number of plates) (Solder connection available.)  
Higher working temperatures/pressures available.

Represented in your area by:



28 May Street, Edison, NJ 08837  
Phone: 732-225-3100 • Fax: 732-225-9155  
Email: sales@polarisphe.com  
www.polarisphe.com