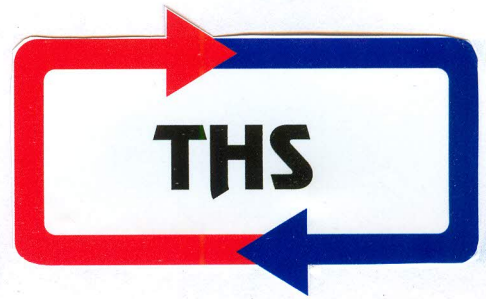


Brazed Plate

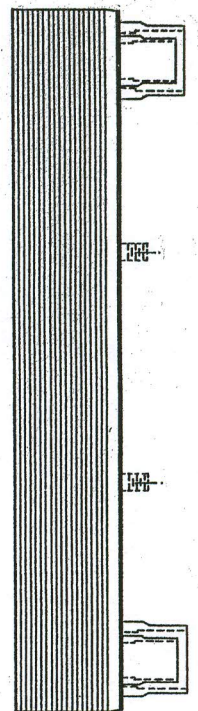
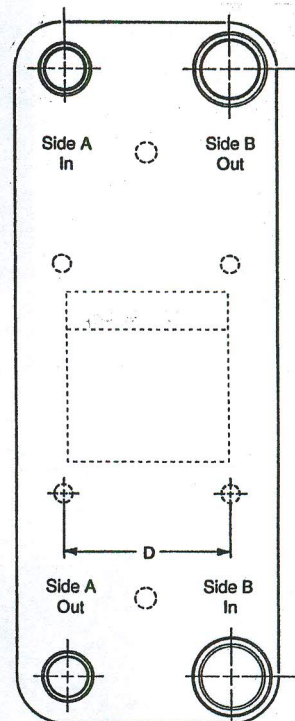
Heat Exchangers



Features:

- ◆ Compact Design
- ◆ Lightweight
- ◆ High Heat Transfer Efficiency
- ◆ Rugged Construction

Sub - Coolers
Condensers
Air Dryers



Specifications:

- ◆ Plate Material: Stainless Steel
- ◆ Braze Material: Copper
- ◆ Max. Work Pressure: 450 PSI
- ◆ Max. Work Temperature: 450 (F)
- ◆ Test Pressure: 450 PSI

- ◆ Optional Floor Mounting Brackets
- ◆ Standard & Custom Units Available
- ◆ Nickel Brazed Units Available

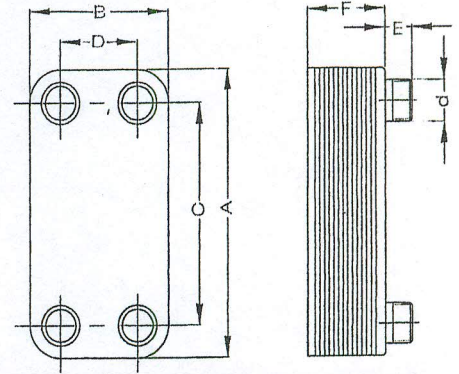
Evaporators
Steam Heaters
Oil Coolers

THS
Brazed Plate
Heat Exchangers

THS
P.O. Box 801
Amherst, NY 14226
Phone: 716-743-1855
Fax: 716-743-0124

Brazed Plate

Heat Exchangers



Technical Parameters

Heat Exchanger Type	Dimensions (in)					Plate Area (sq.ft)	Chanel Volume (USGAL)	Maximum Flow (GPM)	Maximum Number of Plates	Weight (empty) (lb)
	A	B	C	D	F					
LA 14	7.9	3.1	6.5	1.7	0.36 + 0.09 NP	0.15	0.006	18	80	1.5 + 0.1 NP
LA 22	11.8	3.1	10.2	1.7	0.36 + 0.09 NP	0.24	0.009	18	80	2.4 + 0.2 NP
LB 22	7.2	4.8	5.1	2.7	0.36 + 0.09 NP	0.24	0.009	18	80	2.6 + 0.2 NP
LB 31	11.3	4.8	9.1	2.7	0.36 + 0.09 NP	0.33	0.012	50	150	3.1 + 0.3 NP
LB 47	16.3	4.8	14.2	2.7	0.36 + 0.09 NP	0.51	0.019	50	150	4.6 + 0.4 NP
LC 110	18.2	10.0	14.9	6.7	0.39 + 0.09 NP	1.18	0.043	89	200	11.2 + 0.9 NP
LC 170	28.7	10.0	23.8	6.7	0.63 + 0.10 NP	1.83	0.067	105	200	18.1 + 1.2 NP

NP - number of plates

Material:

- Plates and Connections: AISI 316
- Brazing: Copper, Nickel

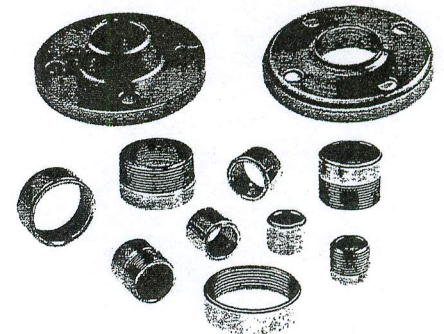
Design Parameters:

- Maximum Working Pressure: 435 Psi (232 Psi*)
- Maximum Working Temperature:
 - copper brazed: 437°F (401°F*)
 - nickel brazed: 752°F
- Minimum Working Temperature:
 - copper brazed: -319°F
 - nickel brazed: -256°F

* economic version

Standard Connections

Heat Exchanger Type	Sweat		Threaded	
	d* (in)	E (in)	d (in)	E (in)
LA 14	1/2"	3/4"	1/2" NPT	7/8"
LA 22	3/4"	3/4"	3/4" NPT	
LB 22			1" NPT	
LB 31	1-1/4"	1-3/8"	1-1/4" NPT	1-1/8"
LB 47	1-1/2"		1-1/2" NPT	
LC 110	2"	2-1/4"	1-1/2" NPT	1-1/4"
LC 170	2-1/2"		2" NPT	



Die formed flanges or welded neck flanges

d (in)	E (in)
1-1/2"	3.9"/5.5"
2"	

* inner diameter of connection

THS
Brazed Plate
Heat Exchangers

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