

# Information needed to Size a plate to plate heat exchanger

Other useful information on the source side:

Operating pressure \_\_\_\_\_

% of Glycol if any \_\_\_\_\_

Max pressure drop or acceptable head pressure. \_\_\_\_\_

## Parameter 1

Load Side BTU's Needed  
Or

Load side GPM

Other useful information on the load side:

Operating pressure \_\_\_\_\_

% of Glycol if any \_\_\_\_\_

Max pressure drop or acceptable head pressure. \_\_\_\_\_

## Parameter 2

Incoming Water temp from the heat source.

## Parameter 4

Water temp going to the load side.

## Parameter 3

Leaving Water temp back to the heat source.

## Parameter 5

Incoming Water temp from the load side.



This shows counter current flow design

**WARNING PLEASE MAKE NOTE: THIS UNIT IS NOT FOR USE IN POOL APPLICATIONS!!!**

Parameters In Red Are Required!



**Willow Springs Distributing, LLC**

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## L-Line Plate-To-Plate Heat Exchangers



- Plates and Connections:  
AISI 316L Stainless Steel
- Brazing Material:  
Copper, Single Wall Plates.
- Working Pressure up to 481 PSI.
- Working Temperature up to 445° F.

### Typical Applications:

- Central Heating
- Hydronic Heating
- Solar and Geothermic Heating
- Industrial Process Heat Recovery
- Condensers and Evaporators in  
Refrigeration Systems
- Oil Coolers
- Close Approach Fluid - To - Fluid Heat  
Transfer



**To choose a heat exchanger for your specific application, or  
for help with sizing, please call our office @ 888-879-3010**

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## L-Line Plate-To-Plate Heat Exchangers



### SINGLE WALL

Model #:	Dimensions	Connections	NET PRICE
LA14-10	L. 7.6in W. 3.1in	3/4" MPT	
LA14-20	L. 7.6in W. 3.1in	3/4" MPT	
LA14-30	L. 7.6in W. 3.1in	3/4" MPT	
LA14-40	L. 7.6in W. 3.1in	3/4" MPT	
LB31-10	L. 12.0in W. 5.0in	1" MPT	
LB31-20	L. 12.0in W. 5.0in	1" MPT	
LB31-30	L. 12.0in W. 5.0in	1" MPT	
LB31-40	L. 12.0in W. 5.0in	1" MPT	
LB31-50	L. 12.0in W. 5.0in	1" MPT	
LB31-60	L. 12.0in W. 5.0in	1" MPT	
LB31-70	L. 12.0in W. 5.0in	1" MPT	
LB31-80	L. 12.0in W. 5.0in	1" MPT	
LB31-90	L. 12.0in W. 5.0in	1" MPT	
LB31-100	L. 12.0in W. 5.0in	1" MPT	
LC110X-30	L. 20.9in W. 9.8in	1-1/2" MPT	
LC110X-40	L. 20.9in W. 9.8in	1-1/2" MPT	
LC110X-50	L. 20.9in W. 9.8in	1-1/2" MPT	
LC110X-60	L. 20.9in W. 9.8in	1-1/2" MPT	
LC110Y-70	L. 20.9in W. 9.8in	2-1/2" MPT	

**Many Other Sizes Available as a Special Order Please Call For Sizing and Price!**

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## Double Wall Plate-To-Plate Heat Exchangers



- Plates and Connections:
- ANSI 316 Stainless Steel
- Brazing Material: Copper
- Double Wall Plates.
- Working Pressure up to 481 PSI.
- Working Temperature up to 445° F.

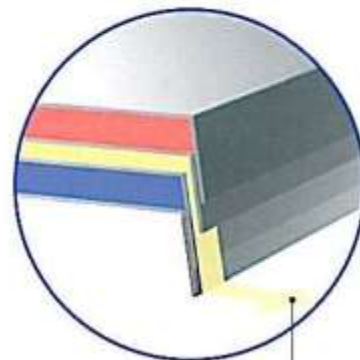
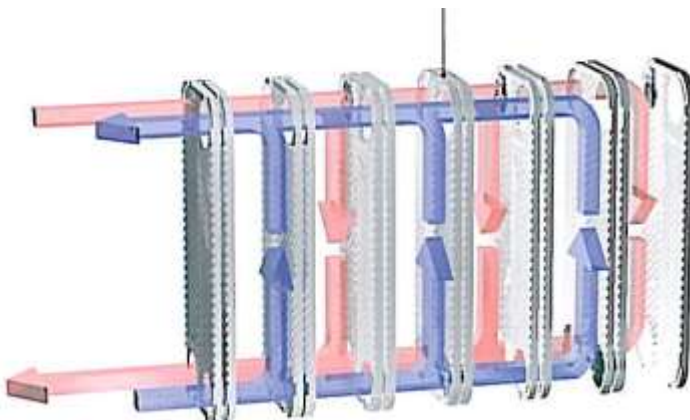


### Typical Applications:

- Potable Water Heating
- Domestic Hot Water Heating

Suitable for any stringent applications and regulations that require double wall, vented heat exchangers.

Double walls allow leaks to be  
Visually detected without cross contaminating  
The fluid streams.



Leaks escape into the  
atmosphere through the air  
gap between the double  
walls.

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## Double Wall Plate-To-Plate Heat Exchangers

### DOUBLE WALL



			Price
Model #:	Dimensions	Connections	Each
LA14-10 DW	L. 7.6in W. 3.1in	3/4" MPT	
LA14-20 DW	L. 7.6in W. 3.1in	3/4" MPT	
LA14-30 DW	L. 7.6in W. 3.1in	3/4" MPT	
LA14-40 DW	L. 7.6in W. 3.1in	3/4" MPT	
LB31-10 DW	L. 12.0in W. 5.0in	1" MPT	
LB31-20 DW	L. 12.0in W. 5.0in	1" MPT	
LB31-30 DW	L. 12.0in W. 5.0in	1" MPT	
LB31-50 DW	L. 12.0in W. 5.0in	1" MPT	
LB31-60 DW	L. 12.0in W. 5.0in	1" MPT	
LC110X-50 DW	L. 20.9in W. 9.8in	1-1/2" MPT	
LC110X-60 DW	L. 20.9in W. 9.8in	1-1/2" MPT	
LC110X-70 DW	L. 20.9in W. 9.8in	1-1/2" MPT	
LC110X-80 DW	L. 20.9in W. 9.8in	1-1/2" MPT	

**Many Other Sizes Available as a Special Order Please Call For Sizing and Price!**