

**Ideal for:**

*Sea Water Cooling*

*Corrosive Fluids*

*Solvent Heating & Cooling*

*District Heating*

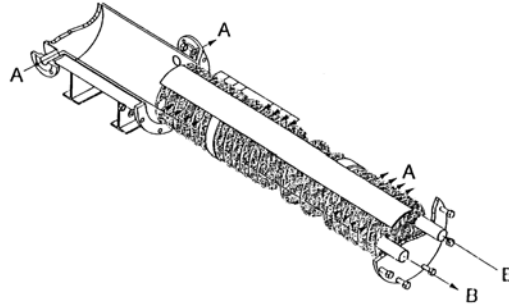
*Steam Heating*

*Thermal Oil Heating*

*Refrigerant Evaporator*

*Refrigerant Condenser*

# "All-Welded" Plate & Shell Heat Exchanger



## **PLATE CONCEPTS, INC.**

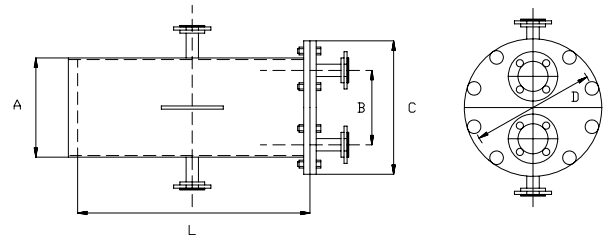
[www.plateconcepts.com](http://www.plateconcepts.com)

### **Design & Function:**

The "All Welded" Plate & Shell Heat Exchanger has plates designed to maximize thermal efficiency - making it far superior to the ordinary tubular exchanger. Plates in stainless steel or titanium are laser/TIG welded to form a gasket free plate pack mounted within a cylindrical shell.

### **Advantages:**

- No Gaskets
- Safe Operation without Risk of Leakage
- High Working Temperatures up to 482 °F
- Working Pressures up to 363 PSIG
- High Heat Transfer Coefficients
- Small Liquid Hold-up Volume
- Small Space Requirements
- Easily Serviceable



**PLATE CONCEPTS, INC.**  
Plate & Frame Heat Exchangers

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TYPE	A	B	C	D	L
PCI-12	8 5/8"	5 5/16"	11 13/16"	10 7/16"	N(0.091)+1/8"
PCI-36	14"	9 5/8"	17 3/4"	15 15/16"	N(0.110)+3/16"
PCI-90	22"	13 3/8"	26"	24 7/16"	N(0.110)+1/4"