

HC Series

PRODUCT DATA SHEET

Immersion Coil

Designed for the high demands of corrosive chemical heating or cooling

For use in most alkaline or acid solutions

Custom designed to your specifications

Multi-layer coils

L-shaped configurations for bottom heating applications



316 stainless steel, Zirconium, Hastelloy C and Titanium



100 PSI working pressure (steam or water)

**PROCESS
TECHNOLOGY**

ISO 9001:2015
WITH DESIGN CERTIFIED

Features & Values

- Wide variety of materials available for use in heating or cooling applications for alkaline or acid solutions and rinse tanks. Check solution guide or consult with your chemical supplier for proper sheath material
- Heavy wall, 18 gauge metal tubing available in steel, 316 stainless steel and titanium
- 1" diameter tubing and 1" MNPT connection fittings standard
- Single point connections reduce the potential for leaks and simplify installation
- Tubing sizes: 3/8 inch diameter through 1 1/4 inch diameter
- Helical sizes: From 3 1/4 inch to 10 ft. diameter available based on tube diameter and wall thickness
- Wall thickness: .035 through .065 inches

Specifications

Options

- Mounting Hangers
- L-shaped configurations for bottom heating applications.
- Heavier gauge tubing or pipe
- Zirconium, Hastelloy C and other alloys available
- Vacuum Breakers
- Special riser sizes, fittings, lengths, and configurations
- Non-conductive isolator couplings

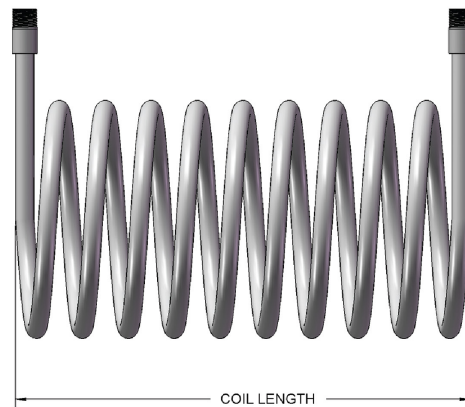
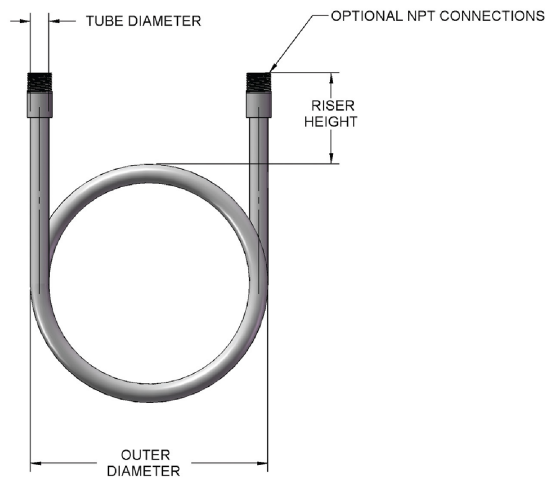
Safety Features

- Single point connections reduce the potential for leaks and simplify installation.

Pressure

100 PSI working pressure (steam or water)

Dimensions



Model Number Breakdown

SHC		3			
Series	Exchange Area	Outside Diameter	Coiled Length	Inlet/Outlet	Riser Height
PHC = Steel	Specify in square feet Ex: 5 = 5 ft²	Specify in inches Ex: '-23 = 23"	Specify in inches Ex: '-24 = 24"	A = 3/4" MNPT	-R = Riser height Ex: '-R16 = 16" riser height
SHC = 316 Stainless Steel				B = 1" MNPT (standard)	
HHC = Hastelloy C®				C = 1-1/4" MNPT	
ZHC = Zirconium				D = 1-1/2" MNPT	
				F = 1/2" FNPT	
				G = 3/4" FNPT	
				H = 1" FNPT	
				J = 1/2" MNPT	

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