

UC SERIES, U COILS						
EXCHANGE AREA (Sq. Ft.)	DEPTH In./ (mm)	WIDTH In./ (mm)	STEEL	316 SS	TITANIUM	SHIP WGT. Lbs./ (kg)
.75	18 (457)	12 (305)	UC18P	UC18S	UC18T	3 (1.4)
1.00	24 (610)	12 (305)	UC24P	UC24S	UC24T	4 (1.8)
1.25	30 (762)	12 (305)	UC30P	UC30S	UC30T	5 (2.3)
1.50	36 (914)	12 (305)	UC36P	UC36S	UC36T	6 (2.7)
1.75	42 (1067)	12 (305)	UC42P	UC42S	UC42T	7 (3.2)
2.00	48 (1219)	12 (305)	UC48P	UC48S	UC48T	8 (3.6)
2.25	54 (1372)	12 (305)	UC54P	UC54S	UC54T	9 (4.1)
2.50	60 (1524)	12 (305)	UC60P	UC60S	UC60T	10 (4.5)

1/2", 5/8", 3/4", and 1-1/4" tubing available, consult factory.

## UC Series Features and Benefits

### SUPERIOR CHEMICAL RESISTANCE:

- ◆ 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.

### RUGGED CONSTRUCTION:

- ◆ Heavy wall, 18-gauge metal tubing available in steel, 316 stainless steel, and titanium.
- ◆ 1" diameter tubing.
- ◆ 1" MNPT fittings standard.

### LONG LASTING PERFORMANCE:

- ◆ One-inch thick, low profile design. Every inch of coil surface is active exchange area. Ideal for small tanks with low heat exchange requirements.

### LEAK-FREE OPERATION:

- ◆ Single point connections reduce the potential for leaks and simplify installation. One-inch MNPT connections standard.

### HIGH PRESSURE RATING:

- ◆ 100 PSI working pressure (steam or water).

### SIZES:

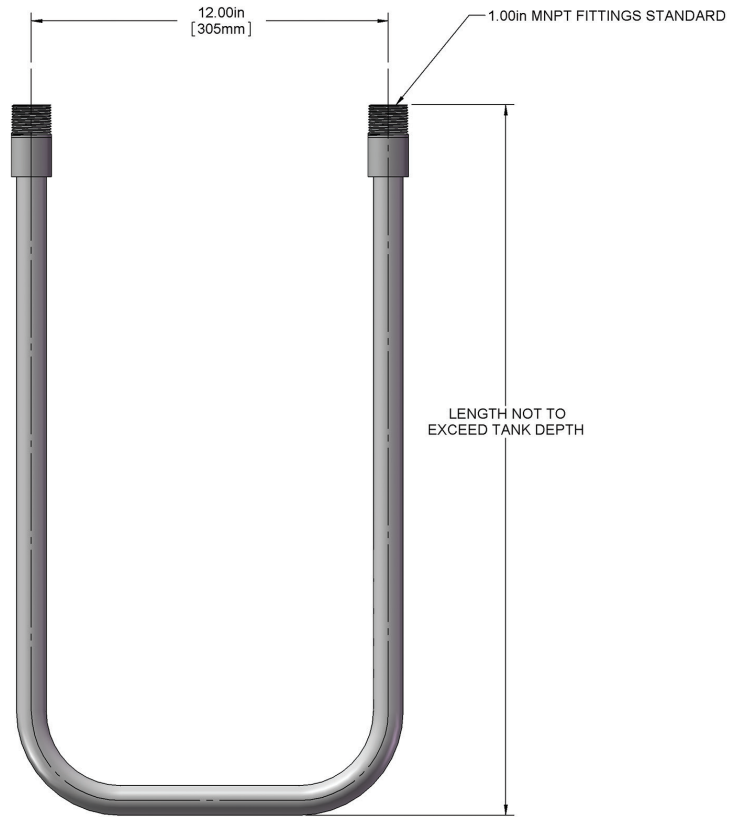
- ◆ .75 square ft. to 2.5 square ft. of exchange area standard.

### OPTIONS AVAILABLE (consult factory):

- ◆ Special configurations and lengths.
- ◆ Heavier gauge tubing.
- ◆ Zirconium, Hastelloy C<sup>®</sup>, and other alloys available.
- ◆ Fluoropolymer coatings for corrosion protection at solution/atmospheric interface.
- ◆ Non-conductive isolator couplings.
- ◆ L-shaped configurations for bottom heat applications.
- ◆ Higher pressure ratings available.

\*Hastelloy C<sup>®</sup> is a registered trademark of Haynes International, Inc.

## DIMENSIONS



## METAL "U" COIL ORDERING INFORMATION

Series	Coil Length	Coil Width	Material	Inlet/Outlet	Misc.
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Length in inches (not to exceed tank length) Ex: -24 = 24"</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">no designator = 12" (specify in inches) Ex: -13 = 13"</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">P = Steel S = 316 Stainless Steel T = Titanium H = Hastelloy C® Z = Zirconium</div> <div style="border: 1px solid black; padding: 2px;">UC = "U" Coil</div>				<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">A = 3/4" MNPT B = 1" MNPT (standard) C = 1-1/4" MNPT D = 1-1/2" MNPT F = 1/2" FNPT G = 3/4" FNPT H = 1" FNPT J = 1/2" MNPT</div> <div style="border: 1px solid black; padding: 2px;">-BR = bottom style (specify riser height) Ex: -BR48 = bottom style with 48" riser height</div>	

### **ORDERING EXAMPLE:**

UC-35T-BB-BR12

U-coil, 36" horizontal length, titanium, 1" inlet/outlet, bottom style with 12" riser.

