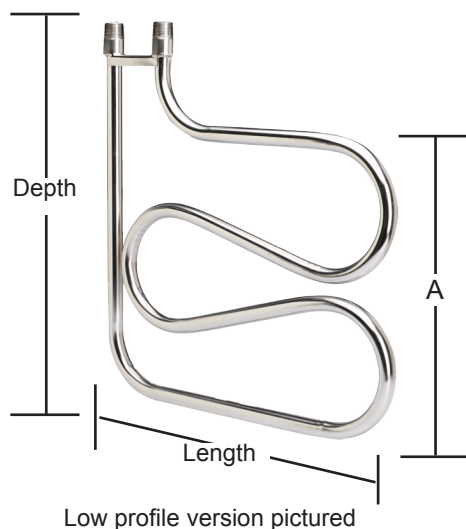




SP SERIES, SERPENTINE COILS							
EXCHANGE AREA (Sq. Ft.)	LENGTH In./(mm)	DEPTH In./(mm)	NO. OF PASSES	STEEL	316 SS	TITANIUM	SHIP WGT. Lbs./(kg)
2.6	24 (610)	36 (914)	4	SP4-24P-R*	SP4-24S-R*	SP4-24T-R*	10 (4.5)
3.6	36 (914)	36 (914)	4	SP4-36P-R*	SP4-36S-R*	SP4-36T-R*	12 (5.4)
4.6	48 (1219)	36 (914)	4	SP4-48P-R*	SP4-48S-R*	SP4-48T-R*	14 (6.4)
5.7	60 (1524)	36 (914)	4	SP4-60P-R*	SP4-60S-R*	SP4-60T-R*	16 (7.3)
7.3	78 (1981)	36 (914)	4	SP4-78P-R*	SP4-78S-R*	SP4-78T-R*	20 (9.1)
8.8	96 (2438)	36 (914)	4	SP4-96P-R*	SP4-96S-R*	SP4-96T-R*	24 (10.9)
3.5	20 (508)	48 (1219)	6	SP6-20P-R*	SP6-20S-R*	SP6-20T-R*	12 (5.4)
4.8	30 (762)	48 (1219)	6	SP6-30P-R*	SP6-30S-R*	SP6-30T-R*	14 (6.4)
6.1	40 (1016)	48 (1219)	6	SP6-40P-R*	SP6-40S-R*	SP6-40T-R*	17 (7.7)
7.4	50 (1270)	48 (1219)	6	SP6-50P-R*	SP6-50S-R*	SP6-50T-R*	20 (9.1)
8.7	60 (1524)	48 (1219)	6	SP6-60P-R*	SP6-60S-R*	SP6-60T-R*	24 (10.9)
10	70 (1778)	48 (1219)	6	SP6-70P-R*	SP6-70S-R*	SP6-70T-R*	27 (12.2)

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

SP Series Coils 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, stainless steel and titanium.
- ♦ 1" diameter tubing and 1" MNPT connection fittings standard.

OUTSTANDING PERFORMANCE:

- ♦ Low profile design for installation in tanks with limited space. (except zirconium material)
- ♦ Offers low cost for heating surface area.
- ♦ Every inch of coil surface is active exchange area.

LEAK-FREE OPERATION:

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

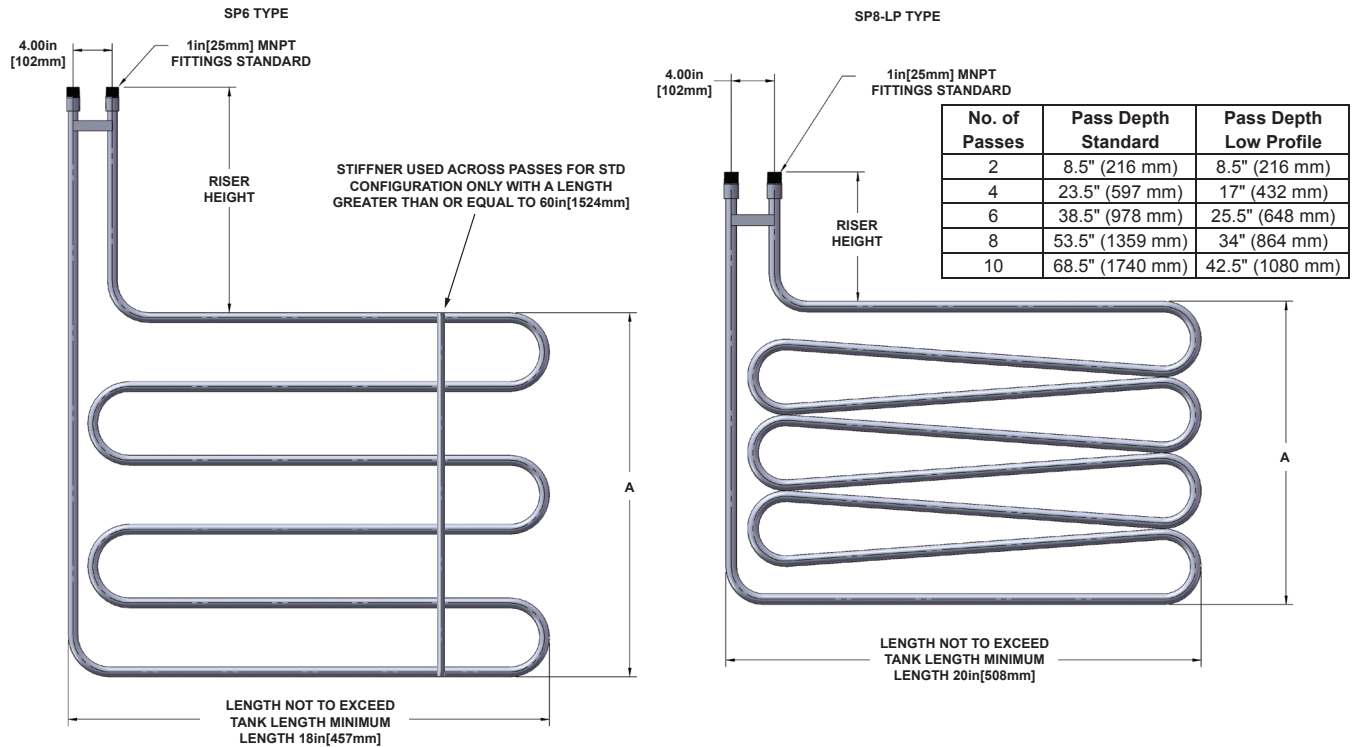
SIZES:

- ♦ 2.6 square ft. to 10 square ft. of exchange area standard for 4-pass and 6-pass designs.

OPTIONS AVAILABLE (consult factory):

- ♦ Mounting hangers
- ♦ Special sizes in 2, 8 or 10-pass configurations.
- ♦ Heavier gauge tubing.
- ♦ Other riser lengths and configurations.
- ♦ Zirconium, Hastelloy C[®], and other alloys available.
- ♦ Fluoropolymer coatings for protection at solution/atmospheric interface.
- ♦ Non-conductive isolator couplings.
- ♦ High pressure ratings available (consult factory).

DIMENSIONS



METAL SERPENTINE COIL ORDERING INFORMATION

Series	No. of Passes	Coil Length	Material	Miscellaneous	Riser Height	Inlet	Outlet
	2 4 6 8 10	Length in inches (not to exceed tank length) Ex: -24 = 24"		-LP = low profile (see dimensions)		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" FNPT	
	SP = Serpentine				-R = Specify riser height in inches -BR = Bottom style coil (specify riser height)		
	P = Steel S = 316 stainless steel T = Titanium H = Hastelloy C [®] Z = Zirconium						

ORDERING EXAMPLE:

SP4-48T-LP-R22-BB

Serpentine coil, 4 passes, 48" length, titanium, low profile configuration, 22" risers, 1" inlet, 1" outlet.

