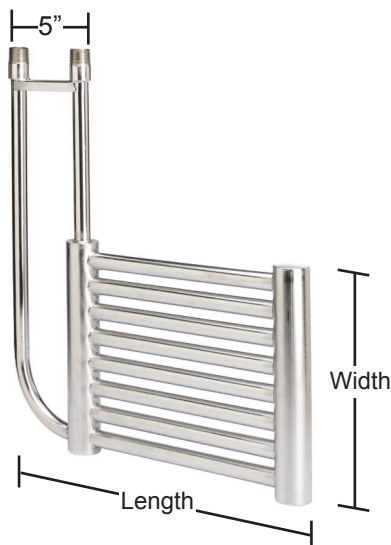




HEAT EXCHANGERS



Consult factory for inlet/outlet sizing assistance.

G SERIES, GRID EXCHANGERS									
12" WIDTH (8 tubes)					18" WIDTH (12 tubes)				
VERTICAL SQUARE FEET	HORIZONTAL SQUARE FEET	LENGTH IN (mm)	MODEL NUMBER	SHIP WT. LBS. (kg)	VERTICAL SQUARE FEET	HORIZONTAL SQUARE FEET	LENGTH IN (mm)	MODEL NUMBER	SHIP WT. LBS. (kg)
4.5	3.8	24	*8G-24**	12	6.8	5.6	24	*12G-24**	15
5.6	4.8	30	*8G-30**	14	8.4	7.2	30	*12G-30**	18
6.6	5.8	36	*8G-36**	16	9.9	8.8	36	*12G-36**	21
8.7	7.9	48	*8G-48**	18	13.1	11.9	48	*12G-48**	26
10.8	10.0	60	*8G-60**	23	16.2	15.1	60	*12G-60**	32
12.9	12.1	72	*8G-72**	28	19.4	18.2	72	*12G-72**	37
15.0	14.2	84	*8G-84**	34	22.5	21.3	84	*12G-84**	42
17.1	16.3	96	*8G-96**	39	25.7	24.5	96	*12G-96**	47
19.2	18.4	108	*8G-108**	44	28.8	27.6	108	*12G-108**	53
21.3	20.5	120	*8G-120**	49	31.9	30.8	120	*12G-120**	58
23.4	22.6	132	*8G-132**	54	35.1	33.9	132	*12G-132**	64
25.5	24.7	144	*8G-144**	59	38.2	37.0	144	*12G-144**	69
24" WIDTH (16 tubes)					30" WIDTH (20 tubes)				
VERTICAL SQUARE FEET	HORIZONTAL SQUARE FEET	LENGTH IN (mm)	MODEL NUMBER	SHIP WT. LBS. (kg)	VERTICAL SQUARE FEET	HORIZONTAL SQUARE FEET	LENGTH IN (mm)	MODEL NUMBER	SHIP WT. LBS. (kg)
9.1	7.5	24	*16G-24**	19	11.3	9.4	24	*20G-24**	22
11.2	9.6	30	*16G-30**	24	14.0	12.0	30	*20G-30**	28
13.3	11.7	36	*16G-36**	28	16.6	14.6	36	*20G-36**	33
17.5	15.9	48	*16G-48**	33	21.8	19.9	48	*20G-48**	40
21.6	20.1	60	*16G-60**	40	27.1	25.1	60	*20G-60**	48
25.8	24.3	72	*16G-72**	47	32.3	30.3	72	*20G-72**	54
30.0	28.4	84	*16G-84**	54	37.5	35.6	84	*20G-84**	61
34.2	32.6	96	*16G-96**	61	42.8	40.8	96	*20G-96**	69
38.4	36.8	108	*16G-108**	69	48.0	46.0	108	*20G-108**	77
42.6	41.0	120	*16G-120**	76	53.2	51.3	120	*20G-120**	85
46.8	45.2	132	*16G-132**	82	58.5	56.5	132	*20G-132**	92
51.0	49.4	144	*16G-144**	88	63.7	61.7	144	*20G-144**	99
36" WIDTH (24 tubes)					42" WIDTH (28 tubes)				
VERTICAL SQUARE FEET	HORIZONTAL SQUARE FEET	LENGTH IN (mm)	MODEL NUMBER	SHIP WT. LBS. (kg)	VERTICAL SQUARE FEET	HORIZONTAL SQUARE FEET	LENGTH IN (mm)	MODEL NUMBER	SHIP WT. LBS. (kg)
13.6	11.3	24	*24G-24**	28	15.9	13.1	24	*28G-24**	32
16.8	14.4	30	*24G-30**	34	19.5	16.8	30	*28G-30**	38
19.9	17.5	36	*24G-36**	38	23.2	20.5	36	*28G-36**	45
26.2	23.8	48	*24G-48**	45	30.5	27.8	48	*28G-48**	54
32.5	30.1	60	*24G-60**	57	37.9	35.1	60	*28G-60**	65
38.7	36.4	72	*24G-72**	68	45.2	42.5	72	*28G-72**	76
45.0	42.7	84	*24G-84**	79	52.5	49.8	84	*28G-84**	87
51.3	49.0	96	*24G-96**	89	59.9	57.1	96	*28G-96**	97
57.6	55.2	108	*24G-108**	99	67.2	64.4	108	*28G-108**	107
63.9	61.5	120	*24G-120**	109	74.5	71.8	120	*28G-120**	115
70.2	67.8	132	*24G-132**	119	81.9	79.1	132	*28G-132**	125
76.4	74.1	144	*24G-144**	129	89.2	86.4	144	*28G-144**	135

G 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, 20-gauge metal tubing available in steel, 316 stainless steel and titanium.
- ♦ 1" diameter tubing and 1" MNPT connection fittings standard.

OUTSTANDING PERFORMANCE:

- ♦ 2-inch thick, low profile design.
- ♦ Every inch of coil surface is active exchange area.

LEAK-FREE OPERATION:

- ♦ Integral inlet and outlet manifolds for single point connections greatly reduce the potential for leaks and simplifies installation.

HIGH PRESSURE RATING:

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

SIZES: 4.6 square foot to 89.9 square foot of exchange area.

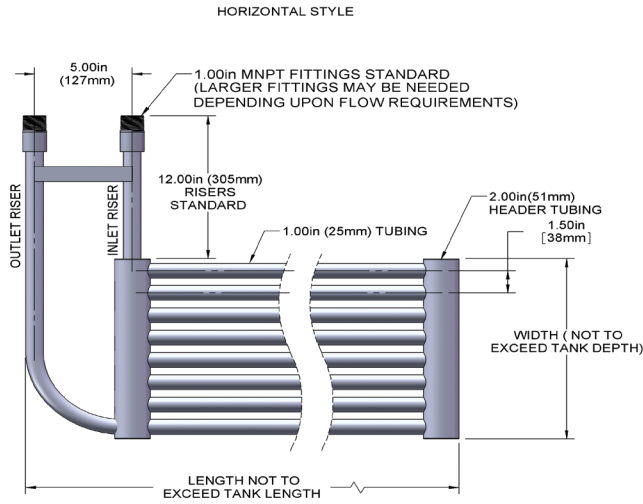
OPTIONS AVAILABLE (consult factory):

- ♦ Mounting hangers
- ♦ Special sizes.
- ♦ Vertical or horizontal configurations.
- ♦ Heavier gauge tubing or pipe.
- ♦ Special riser sizes, fittings, lengths, and configurations.
- ♦ Anti-floatation weights recommended for high specific gravity or highly viscous solutions.
- ♦ Zirconium, Hastelloy C[®], and other alloys available.
- ♦ Fluoropolymer coatings for protection at solution/atmospheric interface.
- ♦ Vacuum breakers.
- ♦ Non-conductive isolator couplings.
- ♦ High pressure ratings available (consult factory).

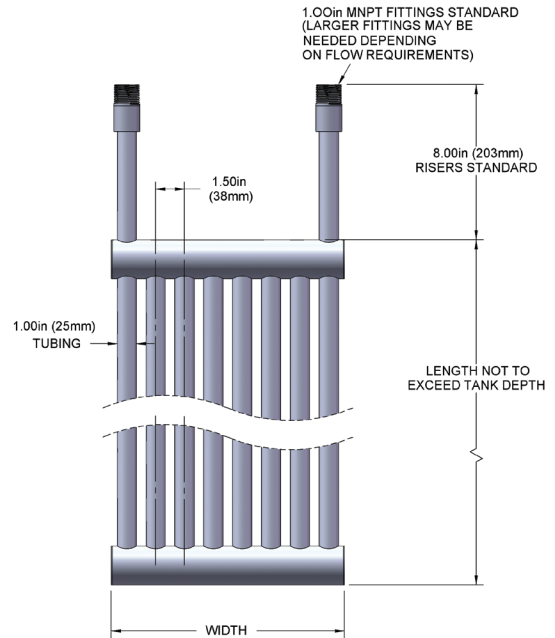
NOTE: Inlet and outlet connections must be sized to adequately handle water and steam volume requirements. Generally, larger inlet sizes are needed for grid coils larger than 33 sq. ft. (for steam) and 25 sq. ft. (for water).

DIMENSIONS

HORIZONTAL STYLE



VERTICAL STYLE



CONNECTION GUIDELINES*	
Water Flow Rate (per coil)	Coil Inlet/Outlet Size
1-24 GPM	1 inch (B)
25-35 GPM	1-1/4 inch (C)
36-54 GPM	1-1/2 inch (D)
55-80 GPM	2 inch (E)

CONNECTION GUIDELINES*	
Steam Flow Rate (per coil)	Coil Inlet Size
1-400 #/hr	1 inch (B)
401-525 #/hr	1-1/4 inch (C)
526-780 #/hr	1-1/2 inch (D)
781-1400 #/hr (outlet remains 1" NPT)	2 inch (E)

*consult factory

METAL GRID COIL ORDERING INFORMATION

Series	No. of Tubes	Style Coil	Coil Length	Configuration	Service Conditions	Inlet/Outlet Sizes	Riser Height & Misc.
	8 12 16 20 24 28	G = Grid style Length in inches (not to exceed tank length) Ex: -24 = 24"		H = Horizontal V = Vertical Note: for vertical style, coil length is a vertical dimension	S = Steam W = Water	A = 3/4" MNPT B = 1" MNPT C = 1-1/4" MNPT D = 1-1/2" MNPT E = 2" MNPT F = 1/2" FNPT G = 3/4" FNPT H = 1" FNPT J = 1/2" MNPT Ex: BA = 1" inlet/3/4" outlet	
	P = Steel S = 316 stainless steel T = Titanium H = Hastelloy C® Z = Zirconium		no designator (horizontal style) = 12" riser (std) no designator (vertical style) = 8" riser (std) -R = specify custom riser height -Ex: -R30 = 30" riser height -BR = bottom style coil, specify riser height				

ORDERING EXAMPLE:

T8G-24HS-BB-R30

Titanium, 8 tubes, grid style, 24" length, horizontal configuration, steam usage, 1" NPT inlet/outlet, 30" risers.

