

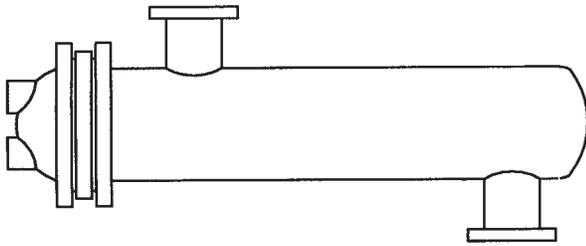
## Liquid to Liquid Heat Exchangers



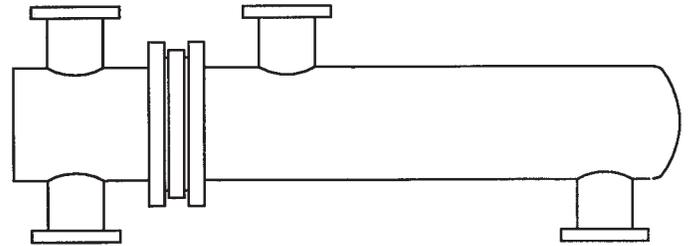
WATER CIRCULATION, FLOW CONTROL, AIR ELIMINATION, FLOW MEASUREMENT/BALANCING, TANKS

Do it once.  
Do it right. 





4" - 10"



12" - 30"

## Features

- Constructed in accordance with ASME Section VIII.
- U-Tube construction.
- High degree of flexibility in materials to meet varying conditions.
- Available in 2, 4, or 6 pass construction.
- All fabrication done in-house.
- National board registration
- Designed and constructed to ASME requirements.
- CRN registration (optional).
- Computerized selections.

## Pressure Ratings

	<b>STANDARD</b>	<b>OPTIONAL</b>
Tubes	150 psig	400 psig
Shell	150 psig	250 psig
Test Pressure	300 psig	
Max. Temperature	375°F	450°F

## Materials of Construction

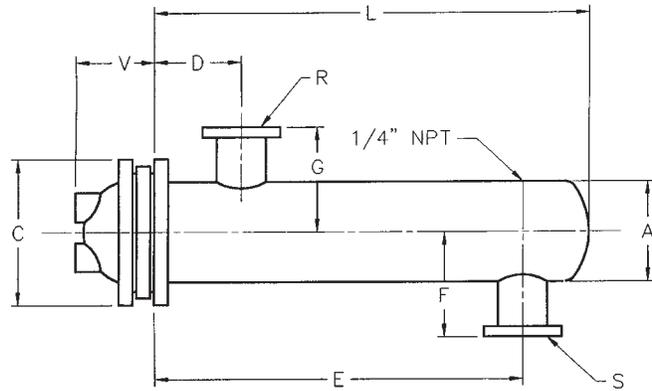
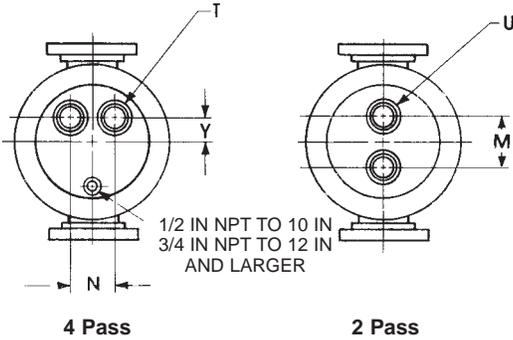
	<b>STANDARD</b>	<b>OPTIONAL</b>
Shell	Steel	304ss, 316ss,
Head	Cast Iron	Fabricated Steel, Cast Bronze,
		Fabricated 304ss/316ss
		Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 CuNi, Admiralty
Tube Sheet	Steel	Bronze, Brass, 304ss, 316ss, 90/10 CuNi
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 CuNi
Tie Rods	Copper	304ss, 316ss
Nuts and Bolts	Steel	—



# Typical Dimensions

## Model Number Key

G 8 2 18 L — Water to water type  
 Tube bundle length  
 (this figure x 6 inches)  
 Number of tube passes  
 Nominal shell diameter  
 U tube



## 4 Inch Diameter

Model Number		Cast Iron Heads						Dimensions (Inches)									G Code Heating Surface (Sq. Ft.)**	Shipping Weight (Lbs.)
2 Pass	4 Pass	2 Pass		4 Pass				2 and 4 Pass										
		M	U	N	T	Y	V	A	C*	D	E	F	G	L	R	S		
E4204L	G4404L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	19 1/2	3 7/8	3 7/8	24 1/2	1 1/2T	1 1/2T	4.6	65
E4206L	G4406L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	31 1/2	3 7/8	3 7/8	36 1/2	1 1/2T	1 1/2T	7.0	75
E4208L	G4408L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	43 1/2	3 7/8	3 7/8	48 1/2	1 1/2T	1 1/2T	9.3	84
E4210L	G4410L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	55 1/2	3 7/8	3 7/8	60 1/2	1 1/2T	1 1/2T	11.7	94
E4212L	G4412L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	67 1/2	3 7/8	3 7/8	72 1/2	1 1/2T	1 1/2T	14.1	104
E4214L	G4414L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	79 1/2	3 7/8	3 7/8	84 1/2	1 1/2T	1 1/2T	16.4	114
E4216L	G4416L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	91 1/2	3 7/8	3 7/8	96 1/2	1 1/2T	1 1/2T	18.8	124
E4218L	G4418L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	103 1/2	3 7/8	3 7/8	108 1/2	1 1/2T	1 1/2T	21.1	134
E4220L	G4420L	2 1/2	1 1/2T	2 3/8	1T	7/8	2 5/8	4 1/2	9	5	115 1/2	3 7/8	3 7/8	120 1/2	1 1/2T	1 1/2T	23.5	144

## 6 Inch Diameter

E6204L	G6404L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	18	5 7/8	5 7/8	25	2 1/2T	2 1/2T	9.1	120
E6206L	G6406L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	30	5 7/8	5 7/8	37	2 1/2T	2 1/2T	13.8	148
E6208L	G6408L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	42	5 7/8	5 7/8	49	2 1/2T	2 1/2T	18.5	182
E6210L	G6410L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	54	5 7/8	5 7/8	61	2 1/2T	2 1/2T	23.2	207
E6212L	G6412L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	66	5 7/8	5 7/8	73	2 1/2T	2 1/2T	27.9	235
E6214L	G6414L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	78	5 7/8	5 7/8	85	2 1/2T	2 1/2T	32.6	262
E6216L	G6416L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	90	5 7/8	5 7/8	97	2 1/2T	2 1/2T	37.3	290
E6218L	G6418L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	102	5 7/8	5 7/8	109	2 1/2T	2 1/2T	42.1	318
E6220L	G6420L	4	2T	3 3/4	1 1/2T	1 1/4	2 7/8	6 5/8	11	5	114	5 7/8	5 7/8	121	2 1/2T	2 1/2T	46.8	346

## 8 Inch Diameter

E8204L	G8404L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	17 1/4	9 1/4	9 1/4	24	4F	4F	16.5	192
E8206L	G8406L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	29 1/4	9 1/4	9 1/4	36	4F	4F	25.1	234
E8208L	G8408L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	41 1/4	9 1/4	9 1/4	48	4F	4F	33.7	283
E8210L	G8410L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	53 1/4	9 1/4	9 1/4	60	4F	4F	42.4	326
E8212L	G8412L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	65 1/4	9 1/4	9 1/4	72	4F	4F	51.0	369
E8214L	G8414L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	77 1/4	9 1/4	9 1/4	84	4F	4F	59.7	390
E8216L	G8416L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	89 1/4	9 1/4	9 1/4	96	4F	4F	68.3	453
E8218L	G8418L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	101 1/4	9 1/4	9 1/4	108	4F	4F	76.9	496
E8220L	G8420L	5	3T	4	2T	2	3 3/8	8 5/8	13 1/2	7 1/4	113 1/4	9 1/4	9 1/4	120	4F	4F	85.6	540

\* Dimensions are ANSI. For TEMA, consult factory.

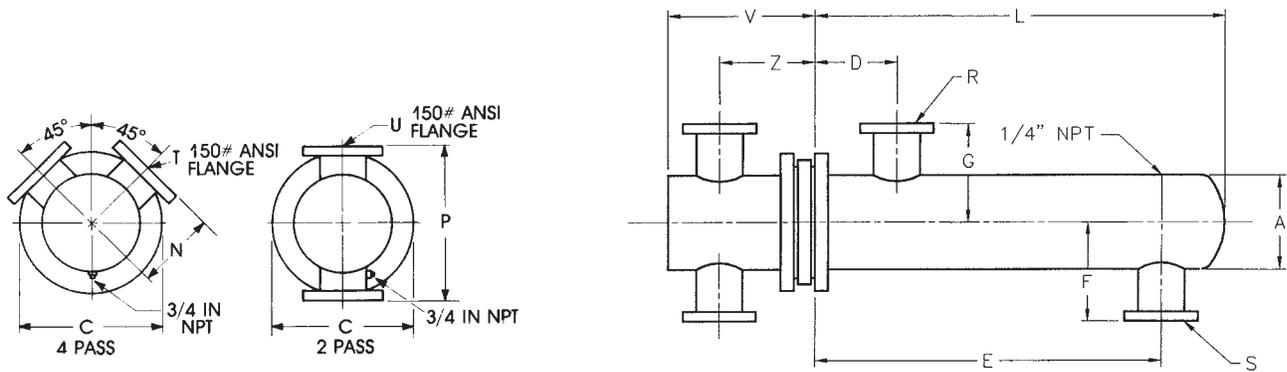
\*\* E Code heating surfaces are equal or greater. Please consult submittals for actual heating surfaces.

## 10 Inch Diameter

Model Number		Cast Iron Heads						Dimensions (Inches)										G Code Heating Surface (Sq. Ft.)**	Shipping Weight (Lbs.)
2 Pass	4 Pass	2 Pass		4 Pass				2 and 4 Pass											
		M	U	N	T	Y	V	A	C*	D	E	F	G	L	R	S			
E10204L	G10404L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	24	4F	4F	26.8	300	
E10206L	G10406L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	36	4F	4F	40.9	353	
E10208L	G10408L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	40 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	48	4F	4F	55.0	415	
E10210L	G10410L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	52 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	60	4F	4F	69.2	476	
E10212L	G10412L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	64 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	72	4F	4F	83.3	537	
E10214L	G10414L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	76 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	84	4F	4F	97.5	598	
E10216L	G10416L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	88 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	96	4F	4F	111.6	660	
E10218L	G10418L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	100 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	108	4F	4F	125.7	721	
E10220L	G10420L	6 <sup>1</sup> / <sub>4</sub>	3T	5 <sup>1</sup> / <sub>2</sub>	3T	2 <sup>1</sup> / <sub>4</sub>	4	10 <sup>3</sup> / <sub>4</sub>	16	7 <sup>1</sup> / <sub>4</sub>	112 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	120	4F	4F	139.9	782	

\* Dimensions are ANSI. For TEMA, consult factory.

\*\* E Code heating surfaces are equal or greater. Please consult submittals for actual heating surfaces.



## 12 Inch Diameter

Model Number		Fabricated Steel Heads						Dimensions (Inches)										G Code Heating Surface (Sq. Ft.)**	Shipping Weight (Lbs.)	
2 Pass	4 Pass	2 Pass		4 Pass				2 and 4 Pass												
		P	U	V	Z	N	T	V	Z	A	C*	D	E	F	G	L	R	S		
E12206L	G12406L	24	4F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	12	3F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	19	8	27 <sup>1</sup> / <sub>4</sub>	12	12	36 <sup>1</sup> / <sub>4</sub>	5F	5F	58.6	510
E12208L	G12408L	24	4F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	12	3F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	19	8	39 <sup>1</sup> / <sub>4</sub>	12	12	48 <sup>1</sup> / <sub>4</sub>	5F	5F	79.0	596
E12210L	G12410L	24	4F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	12	3F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	19	8	51 <sup>1</sup> / <sub>4</sub>	12	12	60 <sup>1</sup> / <sub>4</sub>	5F	5F	99.5	681
E12212L	G12412L	24	4F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	12	3F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	19	8	63 <sup>1</sup> / <sub>4</sub>	12	12	72 <sup>1</sup> / <sub>4</sub>	5F	5F	119.9	772
E12214L	G12414L	24	4F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	12	3F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	19	8	75 <sup>1</sup> / <sub>4</sub>	12	12	84 <sup>1</sup> / <sub>4</sub>	5F	5F	140.3	857
E12216L	G12416L	24	4F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	12	3F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	19	8	87 <sup>1</sup> / <sub>4</sub>	12	12	96 <sup>1</sup> / <sub>4</sub>	5F	5F	160.8	941
E12218L	G12418L	24	4F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	12	3F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	19	8	99 <sup>1</sup> / <sub>4</sub>	12	12	108 <sup>1</sup> / <sub>4</sub>	5F	5F	181.2	1027
E12220L	G12420L	24	4F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	12	3F	14 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	19	8	111 <sup>1</sup> / <sub>4</sub>	12	12	120 <sup>1</sup> / <sub>4</sub>	5F	5F	201.6	1111

## 14 Inch Diameter

E14206L	G14406L	26	6F	18 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	4F	18 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14	21	8 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	37 <sup>1</sup> / <sub>4</sub>	6F	6F	75.7	568
E14208L	G14408L	26	6F	18 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	4F	18 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14	21	8 <sup>1</sup> / <sub>2</sub>	39 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	49 <sup>1</sup> / <sub>4</sub>	6F	6F	102.4	664
E14210L	G14410L	26	6F	18 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	4F	18 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14	21	8 <sup>1</sup> / <sub>2</sub>	51 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	61 <sup>1</sup> / <sub>4</sub>	6F	6F	129.1	756
E14212L	G14412L	26	6F	18 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	4F	18 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14	21	8 <sup>1</sup> / <sub>2</sub>	63 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	73 <sup>1</sup> / <sub>4</sub>	6F	6F	155.8	847
E14214L	G14414L	26	6F	18 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	4F	18 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14	21	8 <sup>1</sup> / <sub>2</sub>	75 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	85 <sup>1</sup> / <sub>4</sub>	6F	6F	182.5	937
E14216L	G14416L	26	6F	18 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	4F	18 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14	21	8 <sup>1</sup> / <sub>2</sub>	87 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	97 <sup>1</sup> / <sub>4</sub>	6F	6F	209.2	1029
E14218L	G14418L	26	6F	18 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	4F	18 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14	21	8 <sup>1</sup> / <sub>2</sub>	99 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	109 <sup>1</sup> / <sub>4</sub>	6F	6F	236.0	1120
E14220L	G14420L	26	6F	18 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	4F	18 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14	21	8 <sup>1</sup> / <sub>2</sub>	111 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	121 <sup>1</sup> / <sub>4</sub>	6F	6F	262.7	1212

## 16 Inch Diameter

E16206L	G16406L	28 <sup>1</sup> / <sub>2</sub>	6F	19 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	4F	19 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	16	23 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	25 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	37	8F	8F	104.5	745
E16208L	G16408L	28 <sup>1</sup> / <sub>2</sub>	6F	19 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	4F	19 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	16	23 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	37 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	49	8F	8F	141.4	863
E16210L	G16410L	28 <sup>1</sup> / <sub>2</sub>	6F	19 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	4F	19 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	16	23 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	49 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	61	8F	8F	178.4	981
E16212L	G16412L	28 <sup>1</sup> / <sub>2</sub>	6F	19 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	4F	19 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	16	23 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	61 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	73	8F	8F	215.3	1105
E16214L	G16414L	28 <sup>1</sup> / <sub>2</sub>	6F	19 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	4F	19 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	16	23 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	73 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	85	8F	8F	252.2	1187
E16216L	G16416L	28 <sup>1</sup> / <sub>2</sub>	6F	19 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	4F	19 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	16	23 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	85 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	97	8F	8F	289.1	1305
E16218L	G16418L	28 <sup>1</sup> / <sub>2</sub>	6F	19 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	4F	19 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	16	23 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	97 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	109	8F	8F	326.0	1424
E16220L	G16420L	28 <sup>1</sup> / <sub>2</sub>	6F	19 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	4F	19 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	16	23 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>4</sub>	109 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	121	8F	8F	363.0	1541

\* Dimensions are ANSI. For TEMA, consult factory.

\*\* E Code heating surfaces are equal or greater. Please consult submittals for actual heating surfaces.

# Typical Dimensions

## 18 Inch Diameter

Model Number		Fabricated Steel Heads								Dimensions (Inches)									G Code Heating Surface (Sq. Ft.)**	Shipping Weight (Lbs.)
2 Pass	4 Pass	2 Pass				4 Pass				2 and 4 Pass										
		P	U	V	Z	N	T	V	Z	A	C*	D	E	F	G	L	R	S		
E18206L	G18406L	30	6F	20 <sup>1</sup> / <sub>4</sub>	14	15	4F	20 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	18	25	10	24 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	36 <sup>1</sup> / <sub>2</sub>	8F	8F	130.7	902
E18208L	G18408L	30	6F	20 <sup>1</sup> / <sub>4</sub>	14	15	4F	20 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	18	25	10	36 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	48 <sup>1</sup> / <sub>2</sub>	8F	8F	177.0	1044
E18210L	G18410L	30	6F	20 <sup>1</sup> / <sub>4</sub>	14	15	4F	20 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	18	25	10	48 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	60 <sup>1</sup> / <sub>2</sub>	8F	8F	223.4	1183
E18212L	G18412L	30	6F	20 <sup>1</sup> / <sub>4</sub>	14 <sub>2</sub>	15	4F	20 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	18	25	10	60 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	72 <sup>1</sup> / <sub>2</sub>	8F	8F	269.7	1326
E18214L	G18414L	30	6F	20 <sup>1</sup> / <sub>4</sub>	14	15	4F	20 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	18	25	10	72 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	84 <sup>1</sup> / <sub>2</sub>	8F	8F	316.1	1445
E18216L	G18416L	30	6F	20 <sup>1</sup> / <sub>4</sub>	14	15	4F	20 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	18	25	10	84 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	96 <sup>1</sup> / <sub>2</sub>	8F	8F	362.4	1586
E18218L	G18418L	30	6F	20 <sup>1</sup> / <sub>4</sub>	14	15	4F	20 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	18	25	10	96 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	108 <sup>1</sup> / <sub>2</sub>	8F	8F	408.8	1732
E18220L	G18420L	30	6F	20 <sup>1</sup> / <sub>4</sub>	14	15	4F	20 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	18	25	10	108 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	120 <sup>1</sup> / <sub>2</sub>	8F	8F	455.1	1871

## 20 Inch Diameter

E20208L	G20408L	32 <sup>1</sup> / <sub>2</sub>	6F	21 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	4F	21 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	20	27 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	35	16 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	48 <sup>3</sup> / <sub>4</sub>	10F	10F	223.6	1226
E20210L	G20410L	32 <sup>1</sup> / <sub>2</sub>	6F	21 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	4F	21 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	20	27 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	47	16 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	60 <sup>3</sup> / <sub>4</sub>	10F	10F	283.3	1386
E20212L	G20412L	32 <sup>1</sup> / <sub>2</sub>	6F	21 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	4F	21 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	20	27 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	59	16 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	72 <sup>3</sup> / <sub>4</sub>	10F	10F	343.0	1547
E20214L	G20414L	32 <sup>1</sup> / <sub>2</sub>	6F	21 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	4F	21 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	20	27 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	71	16 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	84 <sup>3</sup> / <sub>4</sub>	10F	10F	402.7	1706
E20216L	G20416L	32 <sup>1</sup> / <sub>2</sub>	6F	21 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	4F	21 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	20	27 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	83	16 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	96 <sup>3</sup> / <sub>4</sub>	10F	10F	462.4	1867
E20218L	G20418L	32 <sup>1</sup> / <sub>2</sub>	6F	21 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	4F	21 <sup>5</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>8</sub>	20	27 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	95	16 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	108 <sup>3</sup> / <sub>4</sub>	10F	10F	522.2	2041
E20220L	G20420L	32 <sup>1</sup> / <sub>2</sub>	6F	21 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	4F	21 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	20	27 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	107	16 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	120 <sup>3</sup> / <sub>4</sub>	10F	10F	581.9	2202

## 22 Inch Diameter

E22208L	G22408L	35	10F	26 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	8F	26 <sup>1</sup> / <sub>2</sub>	17	22	29 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	34 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	48 <sup>1</sup> / <sub>2</sub>	10F	10F	265.0	1396
E22210L	G22410L	35	10F	26 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	8F	26 <sup>1</sup> / <sub>2</sub>	17	22	29 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	46 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	60 <sup>1</sup> / <sub>2</sub>	10F	10F	336.5	1580
E22212L	G22412L	35	10F	26 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	8F	26 <sup>1</sup> / <sub>2</sub>	17	22	29 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	58 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	72 <sup>1</sup> / <sub>2</sub>	10F	10F	408.0	1764
E22214L	G22414L	35	10F	26 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	8F	26 <sup>1</sup> / <sub>2</sub>	17	22	29 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	70 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	84 <sup>1</sup> / <sub>2</sub>	10F	10F	479.5	1948
E22216L	G22416L	35	10F	26 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	8F	26 <sup>1</sup> / <sub>2</sub>	17	22	29 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	82 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	96 <sup>1</sup> / <sub>2</sub>	10F	10F	551.0	2132
E22218L	G22418L	35	10F	26 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	8F	26 <sup>1</sup> / <sub>2</sub>	17	22	29 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	94 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	108 <sup>1</sup> / <sub>2</sub>	10F	10F	622.5	2316
E22220L	G22420L	35	10F	26 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	8F	26 <sup>1</sup> / <sub>2</sub>	17	22	29 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	106 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	120 <sup>1</sup> / <sub>2</sub>	10F	10F	694.0	2500

## 24 Inch Diameter

E24208L	G24408L	37 <sup>1</sup> / <sub>2</sub>	10F	27 <sup>5</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	8F	27 <sup>5</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	24	32	11 <sup>1</sup> / <sub>2</sub>	36	18 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	50	10F	10F	324.0	1710
E24210L	G24410L	37 <sup>1</sup> / <sub>2</sub>	10F	27 <sup>5</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	8F	27 <sup>5</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	24	32	11 <sup>1</sup> / <sub>2</sub>	48	18 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	62	10F	10F	412.0	1928
E24212L	G24412L	37 <sup>1</sup> / <sub>2</sub>	10F	27 <sup>5</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	8F	27 <sup>5</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	24	32	11 <sup>1</sup> / <sub>2</sub>	60	18 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	74	10F	10F	500.0	2146
E24214L	G24414L	37 <sup>1</sup> / <sub>2</sub>	10F	27 <sup>5</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	8F	27 <sup>5</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	24	32	11 <sup>1</sup> / <sub>2</sub>	72	18 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	86	10F	10F	588.0	2364
E24216L	G24416L	37 <sup>1</sup> / <sub>2</sub>	10F	27 <sup>5</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	8F	27 <sup>5</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	24	32	11 <sup>1</sup> / <sub>2</sub>	84	18 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	98	10F	10F	676.0	2582
E24218L	G24418L	37 <sup>1</sup> / <sub>2</sub>	10F	27 <sup>5</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	8F	27 <sup>5</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	24	32	11 <sup>1</sup> / <sub>2</sub>	96	18 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	110	10F	10F	764.0	2800
E24220L	G24420L	37 <sup>1</sup> / <sub>2</sub>	10F	27 <sup>5</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	8F	27 <sup>5</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	24	32	11 <sup>1</sup> / <sub>2</sub>	108	18 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	122	10F	10F	852.0	3018

## 26 Inch Diameter

E26208L	G26408L	37	12F	28 <sup>3</sup> / <sub>4</sub>	19	18 <sup>1</sup> / <sub>4</sub>	8F	28 <sup>3</sup> / <sub>4</sub>	17	26	34 <sup>1</sup> / <sub>4</sub>	11	35 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	48	10F	10F	393.4	2036
E26210L	G26410L	37	12F	28 <sup>3</sup> / <sub>4</sub>	19	18 <sup>1</sup> / <sub>4</sub>	8F	28 <sup>3</sup> / <sub>4</sub>	17	26	34 <sup>1</sup> / <sub>4</sub>	11	47 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	60	10F	10F	500.2	2280
E26212L	G26412L	37	12F	28 <sup>3</sup> / <sub>4</sub>	19	18 <sup>1</sup> / <sub>4</sub>	8F	28 <sup>3</sup> / <sub>4</sub>	17	26	34 <sup>1</sup> / <sub>4</sub>	11	59 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	72	10F	10F	607.0	2524
E26214L	G26414L	37	12F	28 <sup>3</sup> / <sub>4</sub>	19	18 <sup>1</sup> / <sub>4</sub>	8F	28 <sup>3</sup> / <sub>4</sub>	17	26	34 <sup>1</sup> / <sub>4</sub>	11	71 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	84	10F	10F	713.8	2768
E26216L	G26416L	37	12F	28 <sup>3</sup> / <sub>4</sub>	19	18 <sup>1</sup> / <sub>4</sub>	8F	28 <sup>3</sup> / <sub>4</sub>	17	26	34 <sup>1</sup> / <sub>4</sub>	11	83 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	96	10F	10F	820.6	3012
E26218L	G26418L	37	12F	28 <sup>3</sup> / <sub>4</sub>	19	18 <sup>1</sup> / <sub>4</sub>	8F	28 <sup>3</sup> / <sub>4</sub>	17	26	34 <sup>1</sup> / <sub>4</sub>	11	95 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	108	10F	10F	927.4	3256
E26220L	G26420L	37	12F	28 <sup>3</sup> / <sub>4</sub>	19	18 <sup>1</sup> / <sub>4</sub>	8F	28 <sup>3</sup> / <sub>4</sub>	17	26	34 <sup>1</sup> / <sub>4</sub>	11	107 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	120	10F	10F	1034.0	3500

## 30 Inch Diameter

E30210L	G30410L	42	14F	31 <sup>7</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>4</sub>	10F	31 <sup>7</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	30	38 <sup>3</sup> / <sub>4</sub>	11	47	20 <sup>3</sup> / <sub>4</sub>	20 <sup>3</sup> / <sub>4</sub>	62	10F	10F	663.4	3205
E30212L	G30412L	42	14F	31 <sup>7</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>4</sub>	10F	31 <sup>7</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	30	38 <sup>3</sup> / <sub>4</sub>	11	59	20 <sup>3</sup> / <sub>4</sub>	20 <sup>3</sup> / <sub>4</sub>	74	10F	10F	806.3	3524
E30214L	G30414L	42	14F	31 <sup>7</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>4</sub>	10F	31 <sup>7</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	30	38 <sup>3</sup> / <sub>4</sub>	11	71	20 <sup>3</sup> / <sub>4</sub>	20 <sup>3</sup> / <sub>4</sub>	86	10F	10F	949.2	3843
E30216L	G30416L	42</																		

## Sizing and Selection

Refer to Selection Guide 200-2A for manual selection procedure.

Computer selections available through TACO Representatives.

Following data is required:

1. Flow in tubes (GPM).
2. Entering liquid temperature in tubes (°F).
3. Leaving liquid temperature in tubes (°F).
4. Flow in shell (GPM).
5. Entering liquid temperature in shell (°F).
6. Leaving liquid temperature in shell (°F).
7. Fouling factors.
8. Properties of fluids (if other than water).

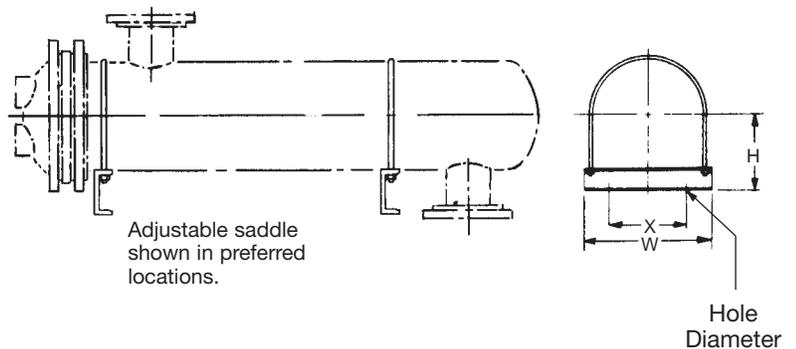
Requests for sizing and design of custom/industrial heat exchangers may be submitted directly to our Engineering Office. Simply select the Process Heat Transfer Icon at our Internet home page ([taco-hvac.com](http://taco-hvac.com)).



TACO's Product Selection Software "TACONET" supports sizing and selection of shell and tube Heat Exchangers, Pumps and Expansion Tanks. This software is available from your local representative or may also be downloaded from our website at [taco-hvac.com](http://taco-hvac.com).

## Typical Saddle Dimensions (Optional)

Unit Size	Dimensions (inches)			
	H	W	X	Hole Dia.
4	5 <sup>1</sup> / <sub>4</sub>	6 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	5/8
6	6 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	5/8
8	7 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>4</sub>	9	5/8
10	8 <sup>3</sup> / <sub>8</sub>	13 <sup>5</sup> / <sub>8</sub>	10	5/8
12	9 <sup>3</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>8</sub>	11	5/8
14	10	17	12	3/4
16	12	19	13	3/4
18	13	21	14	3/4
20	14	23	14	3/4
22	17	25	18	3/4
24	18	27	19	3/4
26	19	30	20	3/4
30	21	33	22	3/4



Note: Two adjustable U-bolt type saddles furnished when specified only.

## **Do it Once. Do it Right.**

**TACO, INC.**, 1160 Cranston Street, Cranston, RI 02920 Telephone: (401) 942-8000 FAX: (401) 942-2360.  
**TACO (Canada), Ltd.**, 6180 Ordan Drive, Mississauga, Ontario L5T 2B3. Telephone: 905/564-9422. FAX: 905/564-9436.

Visit our web site at: <http://www.taco-hvac.com>

Printed in USA  
Copyright 2000  
TACO, Inc.