



Submittal Data Information

U Tube Heat Exchangers

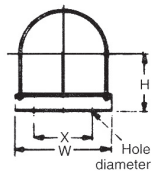
201-019

30" DIAMETER STEAM

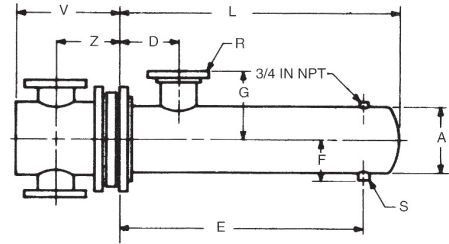
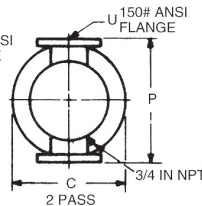
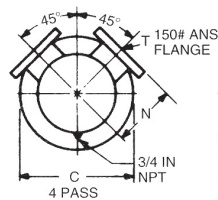
EFFECTIVE: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES
(Optional)



DIMENSIONS

30 Inch Diameter

Model Number		Fabricated Steel Heads								Dimensions (inches)								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		
G30206S	G30406S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	20 ³ / ₄	10F	28 ⁷ / ₈	19 ⁵ / ₈	30	38 ³ / ₄	16	23	20	22	38 ¹ / ₂	16F	6F	377.6	2567
G30208S	G30408S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	20 ³ / ₄	10F	28 ⁷ / ₈	19 ⁵ / ₈	30	38 ³ / ₄	16	35	20	22	50 ¹ / ₂	16F	6F	520.5	2886
G30210S	G30410S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	20 ³ / ₄	10F	28 ⁷ / ₈	19 ⁵ / ₈	30	38 ³ / ₄	16	47	20	22	62 ¹ / ₂	16F	6F	663.4	3205
G30212S	G30412S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	20 ³ / ₄	10F	28 ⁷ / ₈	19 ⁵ / ₈	30	38 ³ / ₄	16	59	20	22	74 ¹ / ₂	16F	6F	806.3	3524
G30214S	G30414S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	20 ³ / ₄	10F	28 ⁷ / ₈	19 ⁵ / ₈	30	38 ³ / ₄	16	71	20	22	86 ¹ / ₂	16F	6F	949.2	3843
G30216S	G30416S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	20 ³ / ₄	10F	28 ⁷ / ₈	19 ⁵ / ₈	30	38 ³ / ₄	16	83	20	22	98 ¹ / ₂	16F	6F	1092	4162
G30218S	G30418S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	20 ³ / ₄	10F	28 ⁷ / ₈	19 ⁵ / ₈	30	38 ³ / ₄	17	95	20	22	110 ¹ / ₂	18F	8F	1235	4481
G30220S	G30420S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	20 ³ / ₄	10F	28 ⁷ / ₈	19 ⁵ / ₈	30	38 ³ / ₄	17	107	20	22	122 ¹ / ₂	18F	8F	1378	4800

SADDLE DIMENSIONS: H-21; W-33; X-22; Hole Dia.-7¹/₈.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss
	Fabricated Steel 12-30"	Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Tube Sheet	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Consult Factory
Max. Temperature	375°F	Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

Do it Once. Do it Right.

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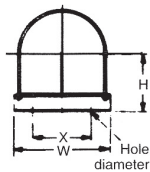
201-018

26" DIAMETER STEAM

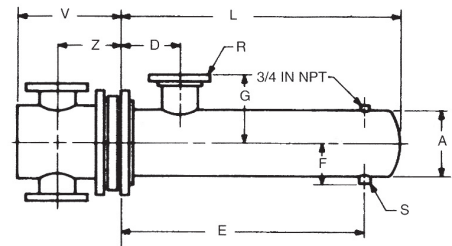
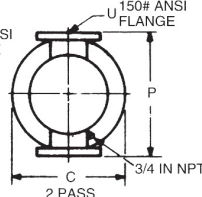
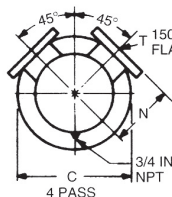
EFFECTIVE: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES
(Optional)



DIMENSIONS

26 Inch Diameter

Model Number		Fabricated Steel Heads								Dimensions (inches)										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					
G26206S	G26406S	37	12F	28 ³ / ₄	19	18 ¹ / ₄	8F	24 ³ / ₄	17	26	34 ¹ / ₄	15	23 ³ / ₄	18	20	36	14F	5F	288.6	1792	
G26208S	G26408S	37	12F	28 ³ / ₄	19	18 ¹ / ₄	8F	24 ³ / ₄	17	26	34 ¹ / ₄	15	35 ³ / ₄	18	20	48	14F	5F	393.4	2036	
G26210S	G26410S	37	12F	28 ³ / ₄	19	18 ¹ / ₄	8F	24 ³ / ₄	17	26	34 ¹ / ₄	15	47 ³ / ₄	18	20	60	14F	5F	500.2	2280	
G26212S	G26412S	37	12F	28 ³ / ₄	19	18 ¹ / ₄	8F	24 ³ / ₄	17	26	34 ¹ / ₄	15	59 ³ / ₄	18	20	72	14F	5F	607.0	2524	
G26214S	G26414S	37	12F	28 ³ / ₄	19	18 ¹ / ₄	8F	24 ³ / ₄	17	26	34 ¹ / ₄	15	71 ³ / ₄	18	20	84	14F	5F	713.8	2768	
G26216S	G26416S	37	12F	28 ³ / ₄	19	18 ¹ / ₄	8F	24 ³ / ₄	17	26	34 ¹ / ₄	15	83 ³ / ₄	18	20	96	14F	5F	820.6	3012	
G26218S	G26418S	37	12F	28 ³ / ₄	19	18 ¹ / ₄	8F	24 ³ / ₄	17	26	34 ¹ / ₄	16	95 ³ / ₄	18	21	108	16F	6F	927.4	3256	
G26220S	G26420S	37	12F	28 ³ / ₄	19	18 ¹ / ₄	8F	24 ³ / ₄	17	26	34 ¹ / ₄	16	107 ³ / ₄	18	21	120	16F	6F	1034.0	3500	

SADDLE DIMENSIONS: H-19; W-30; X-20; Hole Dia. -7/8.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10" Fabricated Steel 12-30"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Tube Sheet	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Consult Factory
Max. Temperature	375°F	Consult Factory

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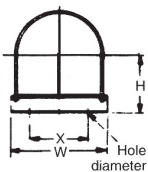
201-017

24" DIAMETER STEAM

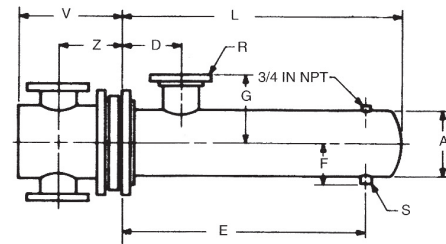
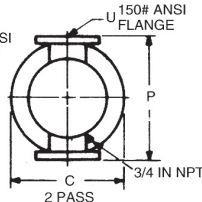
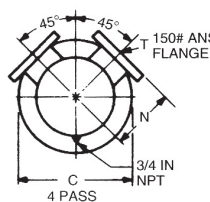
EFFECTIVE: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES
(Optional)



DIMENSIONS

24 Inch Diameter

Model Number		Fabricated Steel Heads				Dimensions (inches)											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		
G24206S	G24406S	37 1/2	10F	27 5/8	18 7/8	18 1/2	8F	25 5/8	17 7/8	24	32	14	25	17	18	38	12F	4F	236.0	1492
G24208S	G24408S	37 1/2	10F	27 5/8	18 7/8	18 1/2	8F	25 5/8	17 7/8	24	32	14	37	17	18	50	12F	4F	324.0	1710
G24210S	G24410S	37 1/2	10F	27 5/8	18 7/8	18 1/2	8F	25 5/8	17 7/8	24	32	14	49	17	18	62	12F	4F	412.0	1928
G24212S	G24412S	37 1/2	10F	27 5/8	18 7/8	18 1/2	8F	25 5/8	17 7/8	24	32	14	61	17	18	74	12F	4F	500.0	2146
G24214S	G24414S	37 1/2	10F	27 5/8	18 7/8	18 1/2	8F	25 5/8	17 7/8	24	32	14	73	17	18	86	12F	4F	588.0	2364
G24216S	G24416S	37 1/2	10F	27 5/8	18 7/8	18 1/2	8F	25 5/8	17 7/8	24	32	14	85	17	18	98	12F	4F	676.0	2582
G24218S	G24418S	37 1/2	10F	27 5/8	18 7/8	18 1/2	8F	25 5/8	17 7/8	24	32	15	97	17	19	110	14F	5F	764.0	2800
G24220S	G24420S	37 1/2	10F	27 5/8	18 7/8	18 1/2	8F	25 5/8	17 7/8	24	32	15	109	17	19	122	14F	5F	852.0	3018

SADDLE DIMENSIONS: H-18; W-27; X-19; Hole Dia.-7/8.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss
	Fabricated Steel 12-30"	Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Tube Sheet	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Consult Factory
Max. Temperature	375°F	Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

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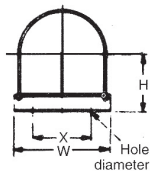
201-016

22" DIAMETER STEAM

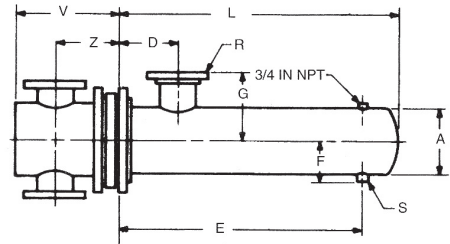
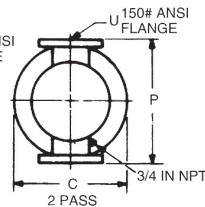
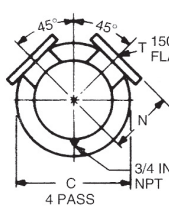
EFFECTIVE: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES
(Optional)



DIMENSIONS

22 Inch Diameter

Model Number		Fabricated Steel Heads								Dimensions (inches)								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		
G22206S	G22406S	35	10F	26 1/2	17 3/4	17 1/4	8F	24 1/2	17	22	29 1/2	14	25.38	16	17	38.62	12F	4F	193.5	1212
G22208S	G22408S	35	10F	26 1/2	17 3/4	17 1/4	8F	24 1/2	17	22	29 1/2	14	37.38	16	17	50.62	12F	4F	265.0	1396
G22210S	G22410S	35	10F	26 1/2	17 3/4	17 1/4	8F	24 1/2	17	22	29 1/2	14	49.38	16	17	62.62	12F	4F	336.5	1580
G22212S	G22412S	35	10F	26 1/2	17 3/4	17 1/4	8F	24 1/2	17	22	29 1/2	14	61.38	16	17	74.62	12F	4F	408.0	1764
G22214S	G22414S	35	10F	26 1/2	17 3/4	17 1/4	8F	24 1/2	17	22	29 1/2	14	73.38	16	17	86.62	12F	4F	479.5	1948
G22216S	G22416S	35	10F	26 1/2	17 3/4	17 1/4	8F	24 1/2	17	22	29 1/2	14	85.38	16	17	98.62	12F	4F	551.0	2132
G22218S	G22418S	35	10F	26 1/2	17 3/4	17 1/4	8F	24 1/2	17	22	29 1/2	15	97.38	16	18	110.62	14F	4F	622.5	2316
G22220S	G22420S	35	10F	26 1/2	17 3/4	17 1/4	8F	24 1/2	17	22	29 1/2	15	109.38	16	18	122.62	14F	4F	694.0	2500

SADDLE DIMENSIONS: H-17; W-25; X-18; Hole Dia.-7/8.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss
Tubes	Fabricated Steel 12-30"	Cast Bronze, Fabricated 304ss/316ss
Tube Sheet	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Max. Temperature	150 PSIG (ASME)	Consult Factory
	375°F	Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

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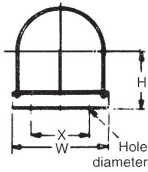
201-015

20" DIAMETER STEAM

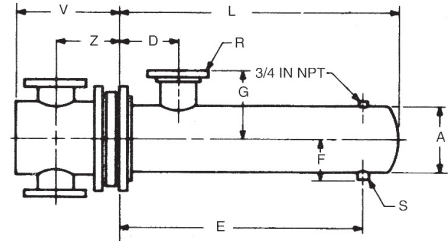
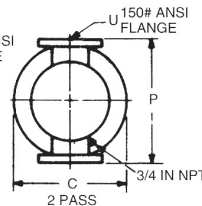
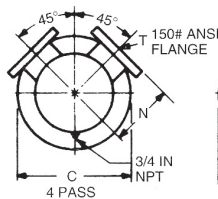
EFFECTIVE: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES (Optional)



DIMENSIONS

20 Inch Diameter

Model Number		Fabricated Steel Heads								Dimensions (inches)								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		
G20206S	G20406S	32 ¹ / ₂	6F	21 ⁵ / ₈	15 ¹ / ₈	16 ¹ / ₄	4F	19 ⁵ / ₈	14 ¹ / ₈	20	27 ¹ / ₂	13	27 ¹ / ₂	11 ³ / ₄	15	36 ³ / ₄	8F	2T	163.9	1060
G20208S	G20408S	32 ¹ / ₂	6F	21 ⁵ / ₈	15 ¹ / ₈	16 ¹ / ₄	4F	19 ⁵ / ₈	14 ¹ / ₈	20	27 ¹ / ₂	13	39	12 ¹¹ / ₁₆	15	48 ³ / ₄	8F	2 ¹ / ₂ T	223.6	1226
G20210S	G20410S	32 ¹ / ₂	6F	21 ⁵ / ₈	15 ¹ / ₈	16 ¹ / ₄	4F	19 ⁵ / ₈	14 ¹ / ₈	20	27 ¹ / ₂	13	50 ¹ / ₂	12 ¹¹ / ₁₆	15	60 ³ / ₄	10F	3T	283.3	1386
G20212S	G20412S	32 ¹ / ₂	6F	21 ⁵ / ₈	15 ¹ / ₈	16 ¹ / ₄	4F	19 ⁵ / ₈	14 ¹ / ₈	20	27 ¹ / ₂	13	62 ¹ / ₂	12 ¹¹ / ₁₆	15	72 ³ / ₄	10F	3T	343.0	1547
G20214S	G20414S	32 ¹ / ₂	6F	21 ⁵ / ₈	15 ¹ / ₈	16 ¹ / ₄	4F	19 ⁵ / ₈	14 ¹ / ₈	20	27 ¹ / ₂	13	74 ¹ / ₂	12 ¹¹ / ₁₆	15	84 ³ / ₄	12F	3T	402.7	1706
G20216S	G20416S	32 ¹ / ₂	6F	21 ⁵ / ₈	15 ¹ / ₈	16 ¹ / ₄	4F	19 ⁵ / ₈	14 ¹ / ₈	20	27 ¹ / ₂	13	86 ¹ / ₂	13	15	96 ³ / ₄	12F	4F	462.4	1867
G20218S	G20418S	32 ¹ / ₂	6F	21 ⁵ / ₈	15 ¹ / ₈	16 ¹ / ₄	4F	19 ⁵ / ₈	14 ¹ / ₈	20	27 ¹ / ₂	13	98 ¹ / ₂	13	15	108 ³ / ₄	12F	4F	522.2	2041
G20220S	G20420S	32 ¹ / ₂	6F	21 ⁵ / ₈	15 ¹ / ₈	16 ¹ / ₄	4F	19 ⁵ / ₈	14 ¹ / ₈	20	27 ¹ / ₂	13	110 ¹ / ₂	13	17	120 ³ / ₄	14F	4F	581.9	2202

SADDLE DIMENSIONS: H-14; W-23; X-14; Hole Dia.-7/8.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10" Fabricated Steel 12-30"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Tube Sheet	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Consult Factory
Max. Temperature	375°F	Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

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Submittal Data Information

U Tube Heat Exchangers

201-014

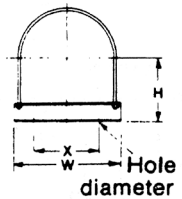
18" DIAMETER STEAM

SUPERSEDES: NEW

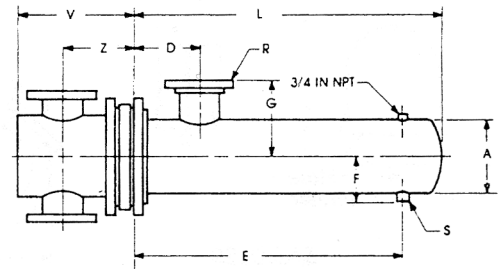
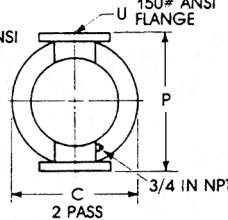
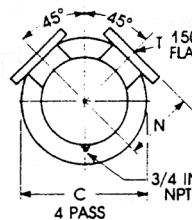
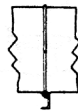
EFFECTIVE: OCTOBER 1, 1994

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES
(Optional)



DIMENSIONS
18 Inch Diameter



Model Number		Fabricated Steel Heads								Dimension (inches)								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		
G18206S	G18406S	30	6F	20 ¹ / ₄	14	15	4F	18	12 ³ / ₄	18	25	13	27 ¹ / ₂	10 ³ / ₄	15 ¹ / ₂	36 ¹ / ₂	6F	2T	130.7	902
G18208S	G18408S	30	6F	20 ¹ / ₄	14	15	4F	18	12 ³ / ₄	18	25	13	39 ¹ / ₂	10 ³ / ₄	15 ¹ / ₂	48 ¹ / ₂	8F	2T	177.0	1044
G18210S	G18410S	30	6F	20 ¹ / ₄	14	15	4F	18	12 ³ / ₄	18	25	13	51	11 ⁵ / ₈	15 ¹ / ₂	60 ¹ / ₂	8F	2 ¹ / ₂ T	223.4	1183
G18212S	G18412S	30	6F	20 ¹ / ₄	14	15	4F	18	12 ³ / ₄	18	25	13	62 ¹ / ₂	11 ⁵ / ₈	15 ¹ / ₂	72 ¹ / ₂	10F	3T	269.7	1326
G18214S	G18414S	30	6F	20 ¹ / ₄	14	15	4F	18	12 ³ / ₄	18	25	13	74 ¹ / ₂	11 ⁵ / ₈	15 ¹ / ₂	84 ¹ / ₂	10F	3T	316.1	1445
G18216S	G18416S	30	6F	20 ¹ / ₄	14	15	4F	18	12 ³ / ₄	18	25	13	86 ¹ / ₂	11 ⁵ / ₈	15 ¹ / ₂	96 ¹ / ₂	10F	3T	362.4	1586
G18218S	G18418S	30	6F	20 ¹ / ₄	14	15	4F	18	12 ³ / ₄	18	25	13	98 ¹ / ₂	11 ⁵ / ₈	15 ¹ / ₂	108 ¹ / ₂	12F	3T	408.8	1732
G18220S	G18420S	30	6F	20 ¹ / ₄	14	15	4F	18	12 ³ / ₄	18	25	13	110 ¹ / ₂	12	15 ¹ / ₂	120 ¹ / ₂	12F	4T	455.1	1871

SADDLE DIMENSIONS: H-13; W-21; X-14; Hole Dia.-³/₄

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

Shell	Standard Steel	Optional 304ss, 316ss
Head	Cast Iron 4-10" Fabricated Steel 12-30"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Tube Sheet	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Consult Factory
Max. Temperature	375°F	Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

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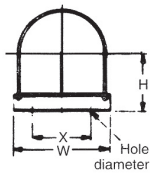
201-013

16" DIAMETER STEAM

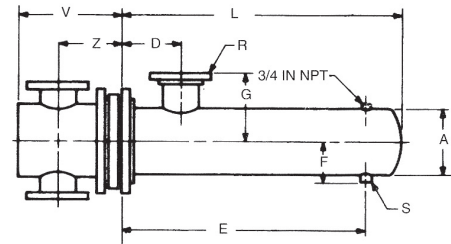
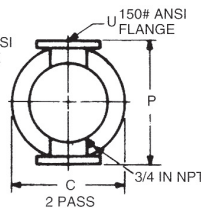
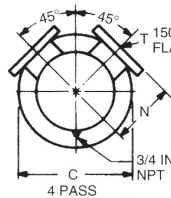
EFFECTIVE: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES
(Optional)



DIMENSIONS

16 Inch Diameter

Model Number		Fabricated Steel Heads				Dimensions (inches)											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
G16206S	G16406S	28 1/2	6F	19 5/8	13 3/8	14 1/4	4F	17 3/8	12 1/8	16	23 1/2	11	28 1/2	9 3/4	13	37	6F	1 1/2T
G16208S	G16408S	28 1/2	6F	19 5/8	13 3/8	14 1/4	4F	17 3/8	12 1/8	16	23 1/2	11	40	9 3/4	13	49	6F	2T
G16210S	G16410S	28 1/2	6F	19 5/8	13 3/8	14 1/4	4F	17 3/8	12 1/8	16	23 1/2	11	52	10 5/8	13	61	8F	2 1/2T
G16212S	G16412S	28 1/2	6F	19 5/8	13 3/8	14 1/4	4F	17 3/8	12 1/8	16	23 1/2	11	64	10 5/8	13	73	8F	2 1/2T
G16214S	G16414S	28 1/2	6F	19 5/8	13 3/8	14 1/4	4F	17 3/8	12 1/8	16	23 1/2	11	76	10 5/8	13	85	10F	2 1/2T
G16216S	G16416S	28 1/2	6F	19 5/8	13 3/8	14 1/4	4F	17 3/8	12 1/8	16	23 1/2	11	87 1/2	10 5/8	13	97	10F	3T
G16218S	G16418S	28 1/2	6F	19 5/8	13 3/8	14 1/4	4F	17 3/8	12 1/8	16	23 1/2	11	99 1/2	10 5/8	13	109	10F	3T
G16220S	G16420S	28 1/2	6F	19 5/8	13 3/8	14 1/4	4F	17 3/8	12 1/8	16	23 1/2	11	111 1/2	10 5/8	13	121	10F	3T

SADDLE DIMENSIONS: H-12; W-19; X-13; Hole Dia. -3/4.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10" Fabricated Steel 12-30"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	Cast Bronze, Fabricated 304ss/316ss
Tube Sheet	Steel	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Max. Temperature	375°F	Consult Factory
		Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

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Submittal Data Information

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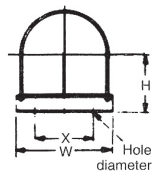
201-011

12" DIAMETER STEAM

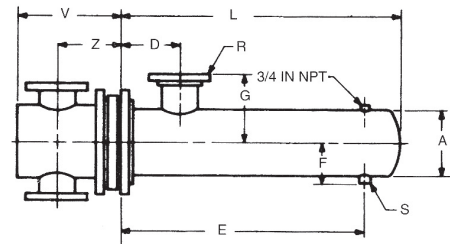
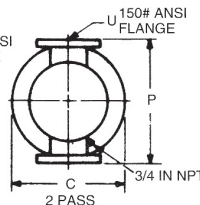
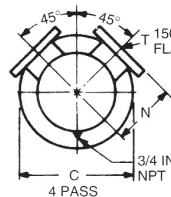
EFFECTIVE: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES
(Optional)



DIMENSIONS

12 Inch Diameter

Model Number		Fabricated Steel Heads								Dimensions (inches)								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		
G12206S	G12406S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12	3F	14 ⁵ / ₈	10 ³ / ₈	12 ³ / ₄	19	10	29	8 ¹ / ₈	11	36 ¹ / ₄	4F	1 ¹ / ₄ T	58.6	510
G12208S	G12408S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12	3F	14 ⁵ / ₈	10 ³ / ₈	12 ³ / ₄	19	10	41	8 ¹ / ₈	11	48 ¹ / ₄	6F	1 ¹ / ₄ T	79.0	596
G12210S	G12410S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12	3F	14 ⁵ / ₈	10 ³ / ₈	12 ³ / ₄	19	10	53	8 ¹ / ₈	11	60 ¹ / ₄	6F	1 ¹ / ₂ T	99.5	681
G12212S	G12412S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12	3F	14 ⁵ / ₈	10 ³ / ₈	12 ³ / ₄	19	10	65	8 ¹ / ₈	11	72 ¹ / ₄	6F	2T	119.9	772
G12214S	G12414S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12	3F	14 ⁵ / ₈	10 ³ / ₈	12 ³ / ₄	19	10	77	8 ¹ / ₈	11	84 ¹ / ₄	8F	2T	140.3	857
G12216S	G12416S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12	3F	14 ⁵ / ₈	10 ³ / ₈	12 ³ / ₄	19	10	88	9	11	96 ¹ / ₄	8F	2 ¹ / ₂ T	160.8	941
G12218S	G12418S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12	3F	14 ⁵ / ₈	10 ³ / ₈	12 ³ / ₄	19	10	100	9	11	108 ¹ / ₄	8F	2 ¹ / ₂ T	181.2	1027
G12220S	G12420S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12	3F	14 ⁵ / ₈	10 ³ / ₈	12 ³ / ₄	19	10	112	9	11	120 ¹ / ₄	8F	2 ¹ / ₂ T	201.6	1111

SADDLE DIMENSIONS: H-9³/₈; W-15⁵/₈; X-11; Hole Dia.-³/₄.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss
Tubes	Fabricated Steel 12-30"	Cast Bronze, Fabricated 304ss/316ss
Tube Sheet	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Max. Temperature	150 PSIG (ASME)	Consult Factory
	375°F	Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

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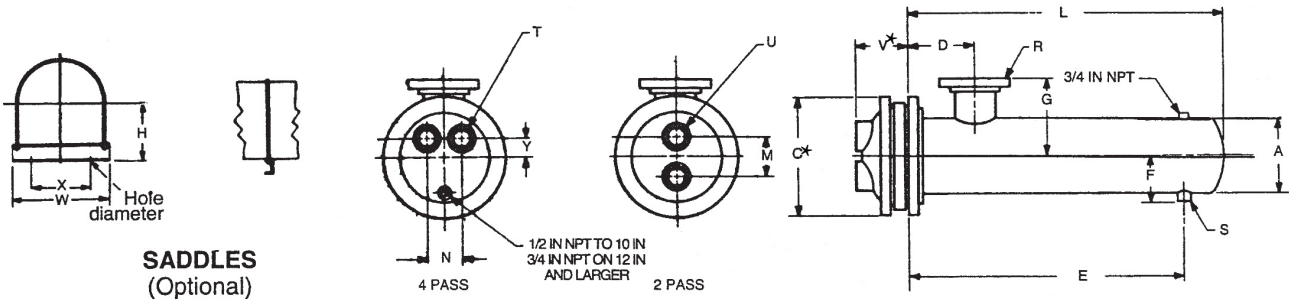
10" DIAMETER STEAM

EFFECTIVE: APRIL 30, 2018

SUPERSEDES: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



DIMENSIONS

10 Inch Diameter

Model Number		Cast Iron Heads						Dimensions (inches)									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		
G10204S	G10404S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	17	7 1/8	7 15/16	24	3T	1T		
G10206S	G10406S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	29	7 1/8	10	36	4F	1T		
G10208S	G10408S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	41	7 1/8	10	48	4F	1 1/4T		
G10210S	G10410S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	53	7 1/8	10	60	6F	1 1/4T		
G10212S	G10412S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	65	7 1/8	10	72	6F	1 1/2T		
G10214S	G10414S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	77	7 1/8	10	84	6F	1 1/2T		
G10216S	G10416S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	88 1/2	7 1/8	10	96	6F	2T		
G10218S	G10418S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	100 1/2	7 1/8	10	108	6F	2T		
G10220S	G10420S	6 1/4	3T	5 1/2	3T	2 1/4	4 7/8	10 3/4	16	8	112 1/2	7 1/8	10	120	6F	2T		

SADDLE DIMENSIONS: H-8 3/8; W-13 5/8; X-10; Hole Dia. -3/4.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

* When choosing any option with fabricated head type, refer to submittal 201-022 for head dimensions. Fabricated heads will feature flanged connections.

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10" Fabricated Steel 12-30"	* Cast Bronze, Fabricated Steel, Fabricated 304ss/316ss Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni
Tube Sheet	Steel	Brass, 304ss, 316ss, 90/10 Cu Ni
Separators	Steel	Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Consult Factory
Max. Temperature	375°F	Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.





Submittal Data Information

U Tube Heat Exchangers

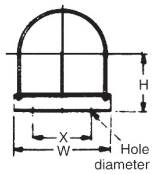
201-012

14" DIAMETER STEAM

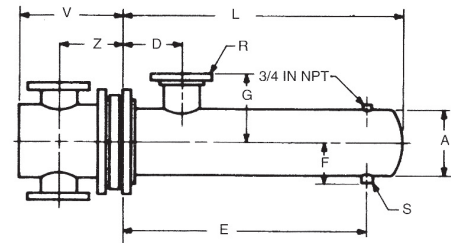
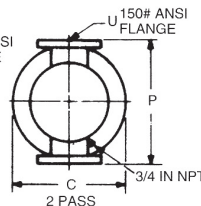
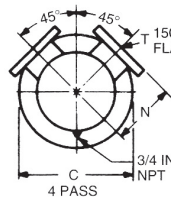
EFFECTIVE: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



SADDLES
(Optional)



DIMENSIONS

14 Inch Diameter

Model Number		Fabricated Steel Heads								Dimensions (inches)								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		
G14206S	G14406S	26	6F	18 ³ / ₈	12 ³ / ₈	13	4F	16 ⁵ / ₈	11 ⁵ / ₈	14	21	10	29	8 ³ / ₄	12	37 ¹ / ₄	6F	1 ¹ / ₄ T	75.7	568
G14208S	G14408S	26	6F	18 ³ / ₈	12 ³ / ₈	13	4F	16 ⁵ / ₈	11 ⁵ / ₈	14	21	10	40 ¹ / ₂	8 ³ / ₄	12	49 ¹ / ₄	6F	2T	102.4	664
G14210S	G14410S	26	6F	18 ³ / ₈	12 ³ / ₈	13	4F	16 ⁵ / ₈	11 ⁵ / ₈	14	21	10	52 ¹ / ₂	8 ³ / ₄	12	61 ¹ / ₄	6F	2T	129.1	756
G14212S	G14412S	26	6F	18 ³ / ₈	12 ³ / ₈	13	4F	16 ⁵ / ₈	11 ⁵ / ₈	14	21	10	64 ¹ / ₂	8 ³ / ₄	12	73 ¹ / ₄	8F	2T	155.8	847
G14214S	G14414S	26	6F	18 ³ / ₈	12 ³ / ₈	13	4F	16 ⁵ / ₈	11 ⁵ / ₈	14	21	10	76	9 ⁵ / ₈	12	85 ¹ / ₄	8F	2 ¹ / ₂ T	182.5	937
G14216S	G14416S	26	6F	18 ³ / ₈	12 ³ / ₈	13	4F	16 ⁵ / ₈	11 ⁵ / ₈	14	21	10	88	9 ⁵ / ₈	12	97 ¹ / ₄	8F	2 ¹ / ₂ T	209.2	1029
G14218S	G14418S	26	6F	18 ³ / ₈	12 ³ / ₈	13	4F	16 ⁵ / ₈	11 ⁵ / ₈	14	21	10	100	9 ⁵ / ₈	12	109 ¹ / ₄	10F	2 ¹ / ₂ T	236.0	1120
G14220S	G14420S	26	6F	18 ³ / ₈	12 ³ / ₈	13	4F	16 ⁵ / ₈	11 ⁵ / ₈	14	21	10	112	9 ⁵ / ₈	12	121 ¹ / ₄	10F	3T	262.7	1212

SADDLE DIMENSIONS: H-10; W-17; X-12; Hole Dia.-³/₄.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss
	Fabricated Steel 12-30"	Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Tube Sheet	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Consult Factory
Max. Temperature	375°F	Consult Factory

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Submittal Data Information

U Tube Heat Exchangers

201-009

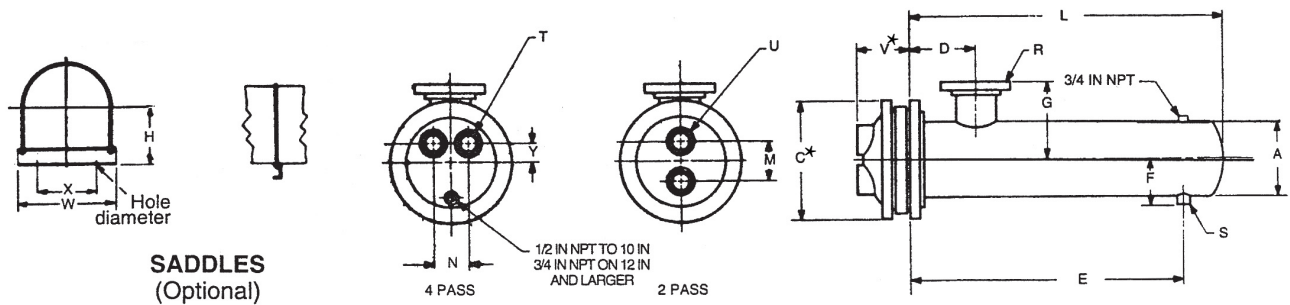
8" DIAMETER STEAM

EFFECTIVE: APRIL 30, 2018

SUPERSEDES: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



DIMENSIONS
8 Inch Diameter

Model Number		Cast Iron Heads						Dimensions (inches)										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			
G8204S	G8404S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	18	6	6	24	2T	1T	16.5	192	
G8206S	G8406S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	30	6	6 7/8	36	2 1/2T	1T	25.1	234	
G8208S	G8408S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	42	6	6 13/16	48	3T	1T	33.7	283	
G8210S	G8410S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	54	6	8 7/8	60	4F	1T	42.4	326	
G8212S	G8412S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	66	6	8 7/8	72	4F	1 1/4T	51.0	369	
G8214S	G8414S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	78	6	8 7/8	84	4F	1 1/4T	59.7	390	
G8216S	G8416S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	90	6	8 7/8	96	6F	1 1/4T	68.3	453	
G8218S	G8418S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	102	6	8 7/8	108	6F	1 1/4T	76.9	496	
G8220S	G8420S	5	3T	4	2T	2	4 1/4	8 5/8	13 1/2	8	114	6	8 7/8	120	6F	1 1/4T	85.6	540	

SADDLE DIMENSIONS: H-7 5/16; W-11 1/4; X-9; Hole Dia. -5/8.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

Shell	Standard	Steel
Head		Cast Iron 4-10" Fabricated Steel 12-30"
Tubes		3/4 x 20 BWG Copper
Tube Sheet		Steel
Separators		Steel
Working Pressure		150 PSIG (ASME)
Max. Temperature		375°F

Optional
304ss, 316ss
* Cast Bronze, Fabricated Steel, Fabricated 304ss/316ss
Fabricated 304ss/316ss
3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni
Brass, 304ss, 316ss, 90/10 Cu Ni
Brass, 304ss, 316ss, 90/10 Cu Ni
Consult Factory
Consult Factory

* When choosing any option with fabricated head type, refer to submittal 201-022 for head dimensions. Fabricated heads will feature flanged connections.

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.



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Submittal Data Information

U Tube Heat Exchangers

201-008

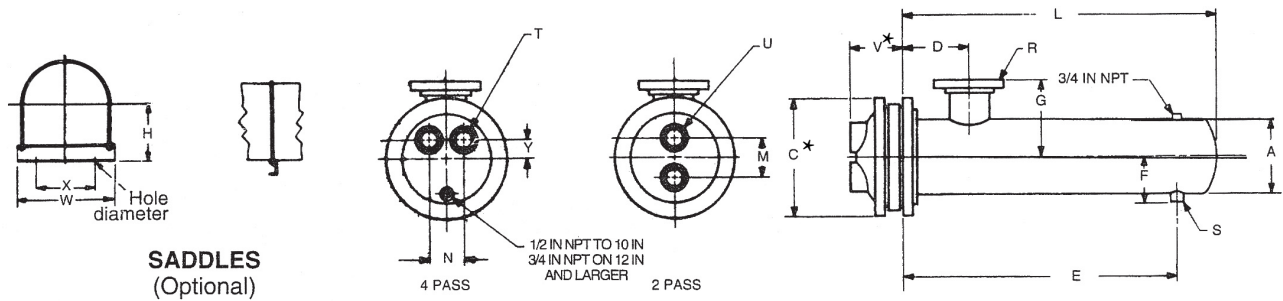
6" DIAMETER STEAM

EFFECTIVE: APRIL 30, 2018

SUPERSEDES: APRIL 15, 1995

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



DIMENSIONS

6 Inch Diameter

Model Number		Cast Iron Heads						Dimensions (inches)									Heating Surface (sq. ft.)	Shipping Weight (lbs.)		
2 Pass	4 Pass	2 Pass		4 Pass				2 and 4 Pass			A	C*	D	E	F	G			L	R
		M	U	N	T	Y	V*													
G6204S	G6404S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	18 ¹ / ₂	4 ⁷ / ₈	4 ⁷ / ₈	25	1 ¹ / ₂ T	1T	9.1	120		
G6206S	G6406S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	30 ¹ / ₂	4 ⁷ / ₈	4 ⁷ / ₈	37	2T	1T	13.8	148		
G6208S	G6408S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	42 ¹ / ₂	4 ⁷ / ₈	5 ³ / ₄	49	2 ¹ / ₂ T	1T	18.5	182		
G6210S	G6410S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	54 ¹ / ₂	4 ⁷ / ₈	5 ³ / ₄	61	2 ¹ / ₂ T	1T	23.2	207		
G6212S	G6412S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	66 ¹ / ₂	4 ⁷ / ₈	5 ⁹ / ₁₆	73	3T	1T	27.9	235		
G6214S	G6414S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	78 ¹ / ₂	4 ⁷ / ₈	5 ⁹ / ₁₆	85	3T	1T	32.6	262		
G6216S	G6416S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	90 ¹ / ₂	4 ⁷ / ₈	5 ⁹ / ₁₆	97	3T	1T	37.3	290		
G6218S	G6418S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	102 ¹ / ₂	4 ⁷ / ₈	5 ⁹ / ₁₆	109	3T	1T	42.1	318		
G6220S	G6420S	4	2T	3 ³ / ₄	1 ¹ / ₂ T	1 ¹ / ₄	3 ⁷ / ₁₆	6 ⁵ / ₈	11	5	114 ¹ / ₂	4 ⁷ / ₈	5 ⁹ / ₁₆	121	3T	1T	46.8	346		

SADDLE DIMENSIONS: H-6⁵/₁₆; W-9¹/₄; X-7¹/₂; Hole Dia.-⁵/₈

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

* When choosing any option with fabricated head type, refer to submittal 201-022 for head dimensions. Fabricated heads will feature flanged connections.

<p>Shell Head</p> <p>Tubes Tube Sheet Separators Working Pressure Max. Temperature</p>	<p>Standard</p> <p>Steel Cast Iron 4-10" Fabricated Steel 12-30" 3/4 x 20 BWG Copper Steel Steel 150 PSIG (ASME) 375°F</p>	<p>Optional</p> <p>304ss, 316ss * Cast Bronze, Fabricated Steel, Fabricated 304ss/316ss Fabricated 304ss/316ss 3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni Brass, 304ss, 316ss, 90/10 Cu Ni Brass, 304ss, 316ss, 90/10 Cu Ni Consult Factory Consult Factory</p>
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All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.



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Submittal Data Information

U Tube Heat Exchangers

201-007

4" DIAMETER STEAM

EFFECTIVE: APRIL 30, 2018

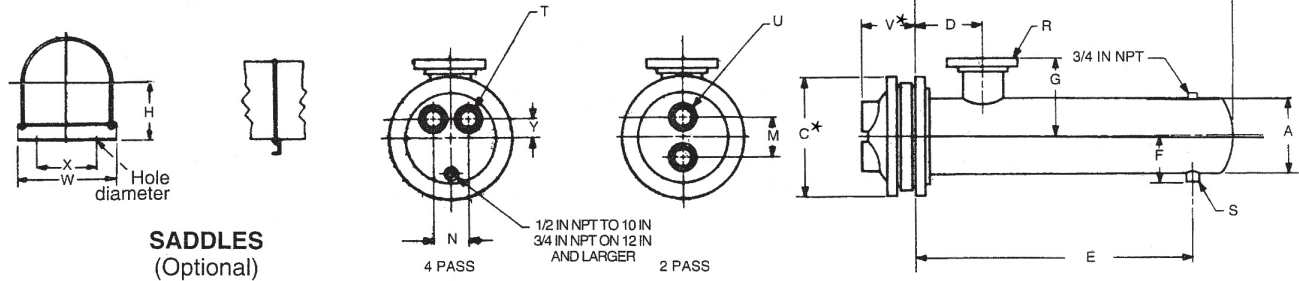
SUPERSEDES: APRIL 15, 1995

Job: _____

Item No	Model No	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes

Tube Fluid _____

Shell Fluid _____



SADDLES
(Optional)

DIMENSIONS

4 Inch Diameter

Model Number		Cast Iron Heads						Dimensions (inches)										Heating Surface (sq. ft.)	Shipping Weight (lbs.)
2 Pass	4 Pass	2 Pass		4 Pass				2 and 4 Pass					S						
		M	U	N	T	Y	V*	A	C*	D	E	F		G	L	R			
G4204S	G4404S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	19 1/2	4	4	24 1/2	1 1/4T	1T	4.6	65	
G4206S	G4406S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	31 1/2	4	4	36 1/2	1 1/4T	1T	7.0	75	
G4208S	G4408S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	43 1/2	4	4	48 1/2	1 1/4T	1T	9.3	84	
G4210S	G4410S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	55 1/2	4	4	60 1/2	1 1/4T	1T	11.7	94	
G4212S	G4412S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	67 1/2	4	3 3/8	72 1/2	1 1/2T	1T	14.1	104	
G4214S	G4414S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	79 1/2	4	3 3/4	84 1/2	1 1/2T	1T	16.4	114	
G4216S	G4416S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	91 1/2	4	3 3/4	96 1/2	1 1/2T	1T	18.8	124	
G4218S	G4418S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	103 1/2	4	3 3/4	108 1/2	1 1/2T	1T	21.1	134	
G4220S	G4420S	2 1/2	1 1/2T	2 3/8	1T	7/8	2 7/8	4 1/2	9	5	115 1/2	4	3 3/4	120 1/2	1 1/2T	1T	23.5	144	

SADDLE DIMENSIONS: H-5 1/4; W-6 15/16; X-5 1/2; Hole Dia.-1/2

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

Shell	Standard	Steel
Head		Cast Iron 4-10"
		Fabricated Steel 12-30"
Tubes		3/4 x 20 BWG Copper
Tube Sheet		Steel
Separators		Steel
Working Pressure		150 PSIG (ASME)
Max. Temperature		375°F

Optional
304ss, 316ss
* Cast Bronze, Fabricated Steel, Fabricated 304ss/316ss
Fabricated 304ss/316ss
3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni
Brass, 304ss, 316ss, 90/10 Cu Ni
Brass, 304ss, 316ss, 90/10 Cu Ni
Consult Factory
Consult Factory

* When choosing any option with fabricated head type, refer to submittal 201-022 for head dimensions. Fabricated heads will feature flanged connections.

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Enhanced Surface U Tube Heat Exchangers

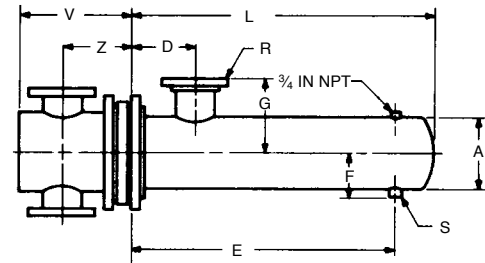
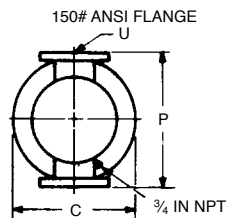
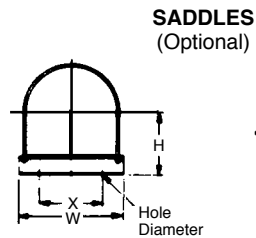
30" DIAMETER STEAM

SUPERSEDES: March 15, 2000

EFFECTIVE: August 1, 2006

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



DIMENSIONS: 30 Inch Diameter

Model Number	Fabricated Steel Heads				Dimensions (inches)										Heating Surface (sq. ft.)	Shipping Weight (lbs)
	P	U	V	Z	A	C	D	E	F	G	L	R	S			
E30206S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	30	38 ³ / ₄	16	23	20	22	38 ¹ / ₂	16F	6F	307.2	2567	
E30208S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	30	38 ³ / ₄	16	35	20	22	50 ¹ / ₂	16F	6F	452.5	2886	
E30210S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	30	38 ³ / ₄	16	47	20	22	62 ¹ / ₂	16F	6F	597.8	3205	
E30212S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	30	38 ³ / ₄	16	59	20	22	74 ¹ / ₂	16F	6F	743.1	3524	
E30214S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	30	38 ³ / ₄	16	71	20	22	86 ¹ / ₂	16F	6F	888.4	3843	
E30216S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	30	38 ³ / ₄	16	83	20	22	98 ¹ / ₂	16F	6F	1033.7	4162	
E30218S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	30	38 ³ / ₄	17	95	20	22	110 ¹ / ₂	18F	8F	1179.0	4481	
E30220S	42	14F	31 ⁷ / ₈	21 ¹ / ₈	30	38 ³ / ₄	17	107	20	22	122 ¹ / ₂	18F	8F	1324.3	4800	

SADDLE DIMENSIONS: H-21; W-33; X-22; Hole Dia.-⁷/₈.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10" Fabricated Steel 12-30"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Tube Sheet	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Consult Factory
Max. Temperature	375°F	Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.



Enhanced Surface U Tube Heat Exchangers

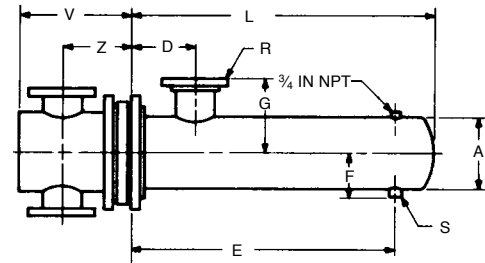
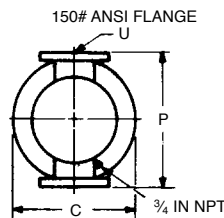
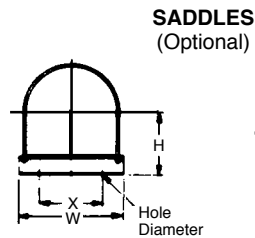
24" DIAMETER STEAM

SUPERSEDES: March 15, 2000

EFFECTIVE: August 1, 2006

Job: _____

Item No.	Model No.	Pass	GPM Tubes	Temp. In	Temp. Out	Steam Pressure Shell	Pressure Drop Tubes	Velocity Tubes



DIMENSIONS: 24 Inch Diameter

Model Number	Fabricated Steel Heads				Dimensions (inches)										Heating Surface (sq. ft.)	Shipping Weight (lbs)
	P	U	V	Z	A	C	D	E	F	G	L	R	S			
E24206S	37½	10F	27⅝	18⅞	24	32	14	25	17	18	38	12F	4F	211.7	1492	
E24208S	37½	10F	27⅝	18⅞	24	32	14	37	17	18	50	12F	4F	302.0	1710	
E24210S	37½	10F	27⅝	18⅞	24	32	14	49	17	18	62	12F	4F	392.3	1928	
E24212S	37½	10F	27⅝	18⅞	24	32	14	61	17	18	74	12F	4F	482.6	2146	
E24214S	37½	10F	27⅝	18⅞	24	32	14	73	17	18	86	12F	4F	573.0	2364	
E24216S	37½	10F	27⅝	18⅞	24	32	14	85	17	18	98	12F	4F	663.3	2582	
E24218S	37½	10F	27⅝	18⅞	24	32	15	97	17	19	110	14F	5F	753.6	2800	
E24220S	37½	10F	27⅝	18⅞	24	32	15	109	17	19	122	14F	5F	843.9	3018	

SADDLE DIMENSIONS: H-18; W-27; X-19; Hole Dia.-7/8.

MATERIALS OF CONSTRUCTION (Unless otherwise indicated, standard will be furnished.)

	Standard	Optional
Shell	Steel	304ss, 316ss
Head	Cast Iron 4-10" Fabricated Steel 12-30"	Fabricated Steel, Cast Bronze, Fabricated 304ss/316ss
Tubes	3/4 x 20 BWG Copper	Cast Bronze, Fabricated 304ss/316ss
Tube Sheet	Steel	3/4 x 18 BWG Copper, Steel, 304ss, 316ss, 90/10 Cu Ni, Admiralty
Separators	Steel	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Working Pressure	150 PSIG (ASME)	Bronze, Brass, 304ss, 316ss, 90/10 Cu Ni
Max. Temperature	375°F	Consult Factory
		Consult Factory

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.

