

Enhanced Surface U Tube Heat Exchangers

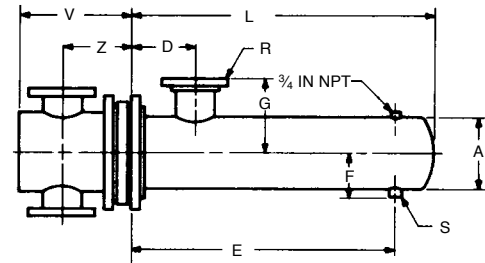
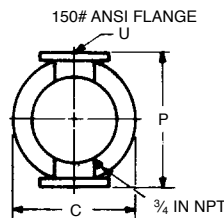
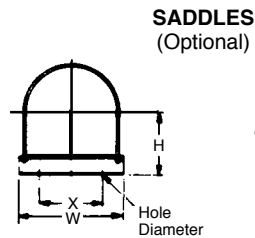
12" DIAMETER STEAM

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: 12 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			
E12206S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12 ³ / ₄	19	10	29	8 ¹ / ₈	11	36 ¹ / ₄	4F	1 ¹ / ₄ T	56.9	510	
E12208S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12 ³ / ₄	19	10	41	8 ¹ / ₈	11	48 ¹ / ₄	6F	1 ¹ / ₄ T	78.5	596	
E12210S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12 ³ / ₄	19	10	53	8 ¹ / ₈	11	60 ¹ / ₄	6F	1 ¹ / ₂ T	100.1	681	
E12212S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12 ³ / ₄	19	10	65	8 ¹ / ₈	11	72 ¹ / ₄	6F	2T	121.7	772	
E12214S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12 ³ / ₄	19	10	77	8 ¹ / ₈	11	84 ¹ / ₄	8F	2T	143.3	857	
E12216S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12 ³ / ₄	19	10	88	9	11	96 ¹ / ₄	8F	2 ¹ / ₂ T	164.9	941	
E12218S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12 ³ / ₄	19	10	100	9	11	108 ¹ / ₄	8F	2 ¹ / ₂ T	186.5	1027	
E12220S	24	4F	14 ⁷ / ₈	10 ¹ / ₈	12 ³ / ₄	19	10	112	9	11	120 ¹ / ₄	8F	2 ¹ / ₂ T	208.1	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 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.

