



# Submittal Data Information

201-093

## Enhanced Surface U Tube Heat Exchangers

30" DIAMETER LIQUID

SUPERSEDES: New

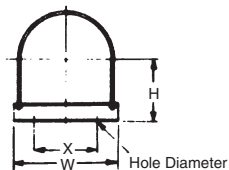
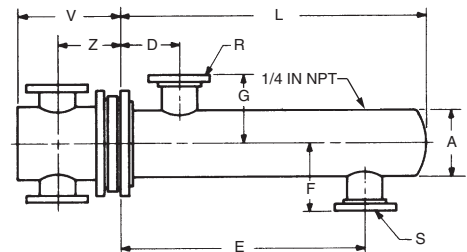
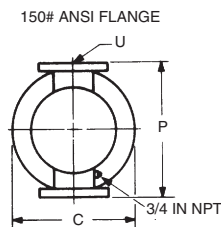
EFFECTIVE: May 16, 2014

Job: \_\_\_\_\_

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

Tube Fluid: \_\_\_\_\_

Shell Fluid: \_\_\_\_\_

**SADDLES**  
(Optional)

DIMENSIONS: 30 Inch Diameter

| Model Number | Fabricated Steel Heads |    |     | Dimensions (Inches) |    |     |                  |                  |     |     |     |    |                  | Heating Surface (sq. ft.) | Shipping Weight (lbs) |
|--------------|------------------------|----|-----|---------------------|----|-----|------------------|------------------|-----|-----|-----|----|------------------|---------------------------|-----------------------|
|              | C                      | P  | U   | A                   | D  | E   | F                | G                | L   | R   | S   | V  | Z                |                           |                       |
| E30210L      | 35 $\frac{3}{4}$       | 42 | 14F | 30                  | 11 | 47  | 20 $\frac{3}{4}$ | 20 $\frac{3}{4}$ | 62  | 10F | 10F | 32 | 21 $\frac{1}{4}$ | 663.4                     | 3205                  |
| E30212L      | 35 $\frac{3}{4}$       | 42 | 14F | 30                  | 11 | 59  | 20 $\frac{3}{4}$ | 20 $\frac{3}{4}$ | 74  | 10F | 10F | 32 | 21 $\frac{1}{4}$ | 806.3                     | 3524                  |
| E30214L      | 35 $\frac{3}{4}$       | 42 | 14F | 30                  | 11 | 71  | 20 $\frac{3}{4}$ | 20 $\frac{3}{4}$ | 86  | 10F | 10F | 32 | 21 $\frac{1}{4}$ | 949.2                     | 3843                  |
| E30216L      | 35 $\frac{3}{4}$       | 42 | 14F | 30                  | 11 | 83  | 20 $\frac{3}{4}$ | 20 $\frac{3}{4}$ | 98  | 10F | 10F | 32 | 21 $\frac{1}{4}$ | 1092.0                    | 4162                  |
| E30218L      | 35 $\frac{3}{4}$       | 42 | 14F | 30                  | 11 | 95  | 20 $\frac{3}{4}$ | 20 $\frac{3}{4}$ | 110 | 10F | 10F | 32 | 21 $\frac{1}{4}$ | 1235.0                    | 4481                  |
| E30220L      | 35 $\frac{3}{4}$       | 42 | 14F | 30                  | 11 | 107 | 20 $\frac{3}{4}$ | 20 $\frac{3}{4}$ | 122 | 10F | 10F | 32 | 21 $\frac{1}{4}$ | 1378.0                    | 4800                  |

SADDLE DIMENSIONS: H-19; W-33; X-22; Hole Dia.- $\frac{3}{4}$ .

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                                                  |

*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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