

## Enhanced Surface U Tube Heat Exchangers

6" DIAMETER LIQUID

SUPERSEDES: May 16, 2014

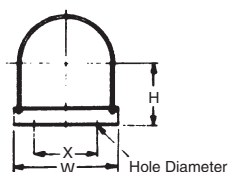
EFFECTIVE: April 30, 2018

Job:

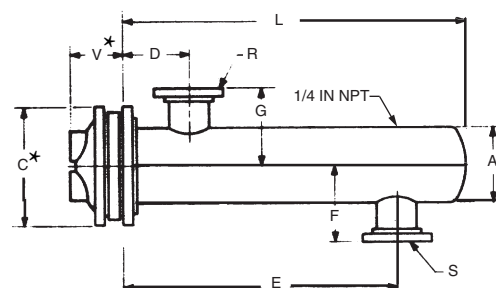
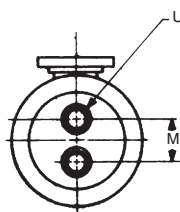
| Item No. | Model No. | Pass | GPM Tubes | Temp. In | Temp. Out | Pressure Drop Tubes | Velocity Tubes | GPM Shell | Temp. In | Temp. Out | Pressure Drop Shell | Velocity Shell |
|----------|-----------|------|-----------|----------|-----------|---------------------|----------------|-----------|----------|-----------|---------------------|----------------|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

Tube Fluid:

Shell Fluid:



**SADDLES**  
(Optional)



DIMENSIONS: 6 Inch Diameter

| Model Number | Cast Iron Heads |    | Dimensions (Inches) |    |   |     |                 |                 |     |                   |                   |                 | Heating Surface (sq. ft.) | Shipping Weight (lbs) |
|--------------|-----------------|----|---------------------|----|---|-----|-----------------|-----------------|-----|-------------------|-------------------|-----------------|---------------------------|-----------------------|
|              | M               | U  | A                   | C* | D | E   | F               | G               | L   | R                 | S                 | V*              |                           |                       |
| E06204L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 18  | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 25  | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 9.1                       | 120                   |
| E06206L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 30  | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 37  | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 14.2                      | 148                   |
| E06208L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 42  | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 49  | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 19.3                      | 182                   |
| E06210L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 54  | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 61  | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 24.4                      | 207                   |
| E06212L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 66  | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 73  | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 29.5                      | 235                   |
| E06214L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 78  | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 85  | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 34.6                      | 262                   |
| E06216L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 90  | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 97  | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 39.7                      | 290                   |
| E06218L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 102 | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 109 | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 44.8                      | 318                   |
| E06220L      | 4               | 2T | 6 $\frac{5}{8}$     | 11 | 5 | 114 | 5 $\frac{7}{8}$ | 5 $\frac{7}{8}$ | 121 | 2 $\frac{1}{2}$ T | 2 $\frac{1}{2}$ T | 2 $\frac{1}{8}$ | 50.0                      | 346                   |

SADDLE DIMENSIONS: H-6 $\frac{5}{16}$ ; W-9 $\frac{1}{4}$ ; X-7 $\frac{1}{2}$ ; Hole Dia.- $\frac{5}{8}$ .

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

|                  | Standard                |
|------------------|-------------------------|
| Shell            | 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.

