

## Enhanced Surface U Tube Heat Exchangers

10" DIAMETER LIQUID

SUPERSEDES: May 16, 2014

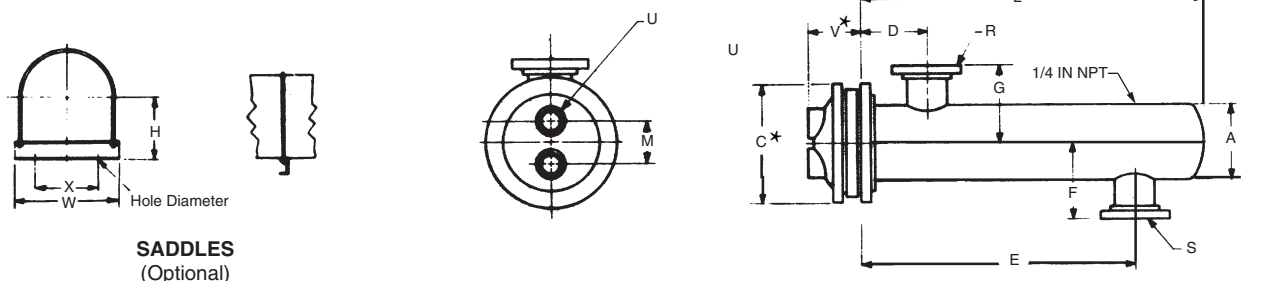
EFFECTIVE: April 30, 2018

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:



DIMENSIONS: 10 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* |                           |                       |
| E10204L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 16½  | 10½ | 10½ | 24  | 4F | 4F | 4  | 26.8                      | 300                   |
| E10206L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 28½  | 10½ | 10½ | 36  | 4F | 4F | 4  | 40.9                      | 353                   |
| E10208L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 40½  | 10½ | 10½ | 48  | 4F | 4F | 4  | 55.0                      | 415                   |
| E10210L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 52½  | 10½ | 10½ | 60  | 4F | 4F | 4  | 70.0                      | 476                   |
| E10212L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 64½  | 10½ | 10½ | 72  | 4F | 4F | 4  | 84.9                      | 537                   |
| E10214L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 76½  | 10½ | 10½ | 84  | 4F | 4F | 4  | 99.8                      | 598                   |
| E10216L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 88½  | 10½ | 10½ | 96  | 4F | 4F | 4  | 114.7                     | 660                   |
| E10218L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 100½ | 10½ | 10½ | 108 | 4F | 4F | 4  | 129.6                     | 721                   |
| E10220L      | 6¼              | 3T | 10¼                 | 16 | 7¼ | 112½ | 10½ | 10½ | 120 | 4F | 4F | 4  | 144.6                     | 782                   |

SADDLE DIMENSIONS: H-8¾; W-13½; X-10; Hole Dia.-⅝.

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

|                  | Standard                |
|------------------|-------------------------|
| Shell            | Steel                   |
| Head             | Cast Iron 4-10"         |
|                  | Fabricated Steel 12-30" |
| Tubes            | ¾ 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                                  |
|  | ¾ 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.

