

## Enhanced Surface U Tube Heat Exchangers

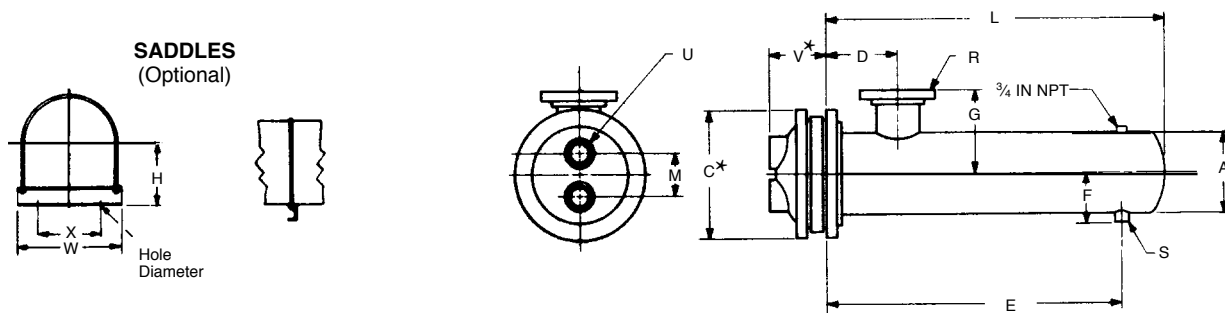
6" DIAMETER STEAM

SUPERSEDES: August 1, 2006

EFFECTIVE: April 30, 2018

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) |
|--------------|-----------------|----|-------------------------------|----|---|---------------------------------|-------------------------------|--------------------------------|-----|---------------------------------|----|---------------------------|-----------------------|
|              | M               | U  | A                             | C* | D | E                               | F                             | G                              | L   | R                               | S  |                           |                       |
| E6204S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 18 <sup>1</sup> / <sub>2</sub>  | 4 <sup>7</sup> / <sub>8</sub> | 4 <sup>7</sup> / <sub>8</sub>  | 25  | 1 <sup>1</sup> / <sub>2</sub> T | 1T | 9.1                       | 120                   |
| E6206S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 30 <sup>1</sup> / <sub>2</sub>  | 4 <sup>7</sup> / <sub>8</sub> | 4 <sup>7</sup> / <sub>8</sub>  | 37  | 2T                              | 1T | 14.2                      | 148                   |
| E6208S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 42 <sup>1</sup> / <sub>2</sub>  | 4 <sup>7</sup> / <sub>8</sub> | 5 <sup>3</sup> / <sub>4</sub>  | 49  | 2 <sup>1</sup> / <sub>2</sub> T | 1T | 19.3                      | 182                   |
| E6210S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 54 <sup>1</sup> / <sub>2</sub>  | 4 <sup>7</sup> / <sub>8</sub> | 5 <sup>3</sup> / <sub>4</sub>  | 61  | 2 <sup>1</sup> / <sub>2</sub> T | 1T | 24.4                      | 207                   |
| E6212S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 66 <sup>1</sup> / <sub>2</sub>  | 4 <sup>7</sup> / <sub>8</sub> | 5 <sup>9</sup> / <sub>16</sub> | 73  | 3T                              | 1T | 29.5                      | 235                   |
| E6214S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 78 <sup>1</sup> / <sub>2</sub>  | 4 <sup>7</sup> / <sub>8</sub> | 5 <sup>9</sup> / <sub>16</sub> | 85  | 3T                              | 1T | 34.6                      | 262                   |
| E6216S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 90 <sup>1</sup> / <sub>2</sub>  | 4 <sup>7</sup> / <sub>8</sub> | 5 <sup>9</sup> / <sub>16</sub> | 97  | 3T                              | 1T | 39.7                      | 290                   |
| E6218S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 102 <sup>1</sup> / <sub>2</sub> | 4 <sup>7</sup> / <sub>8</sub> | 5 <sup>9</sup> / <sub>16</sub> | 109 | 3T                              | 1T | 44.8                      | 318                   |
| E6220S       | 4               | 2T | 6 <sup>5</sup> / <sub>8</sub> | 11 | 5 | 114 <sup>1</sup> / <sub>2</sub> | 4 <sup>7</sup> / <sub>8</sub> | 5 <sup>9</sup> / <sub>16</sub> | 121 | 3T                              | 1T | 49.9                      | 346                   |

SADDLE DIMENSIONS: H-6<sup>5</sup>/<sub>16</sub>; W-9<sup>1</sup>/<sub>4</sub>; X-7<sup>1</sup>/<sub>2</sub>; Hole Dia.-<sup>5</sup>/<sub>8</sub>.

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.

