

Tube Bundle

Replacement tube bundles for heat exchanger equipment can be constructed for liquid-to-liquid or steam-to-liquid applications.

The bundles can be used for applications including industrial processes and commercial water heating or cooling. The tube bundles are built from 10- or 20-gauge copper or cupronickel tubes, carbon steel, or brass tube sheets. The tube bundles are available with a lead time of about 10 working days. A company representative can measure the bundles at the site or can cross-reference them if the OEM's model number is known.

TUBE BUNDLE CONSTRUCTION

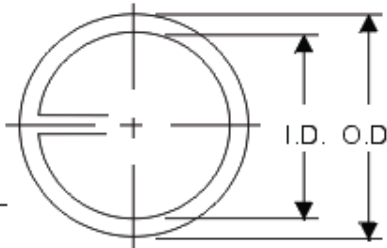
| | |
|-----------------|-------------------------------------|
| Tubing | Copper, Cupronickel |
| Tube Sheet Matl | Carbon Steel, Brass |
| Applications | Liquid to Liquid or Steam to Liquid |
| Bundle Types | Tube Bundle or Tank Heaters |
| Duty | Fluid, Steam or Tank Heater |
| Tube Pitch | Inline or Equilateral |

GASKETS

- 2 Pass
- 4 Pass
- Other _____

Inside Diameter: _____

Outside Diameter: _____

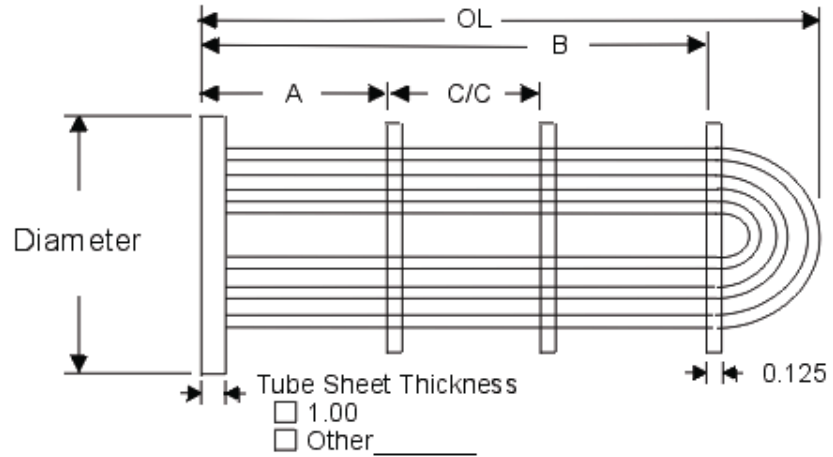


TUBE PITCH



Shell Size: _____

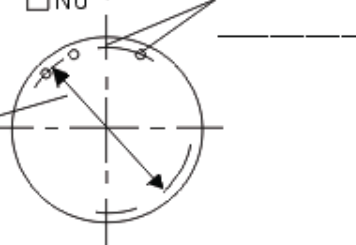
Manufacturer's P/N: _____



Bolt Holes: Yes No

Bolt Hole Orientation
(Degree from 0° Centerline)

Bolt Circle Diameter _____

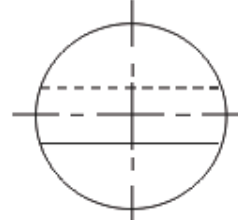


TUBESHEET Bolt Circle Reference

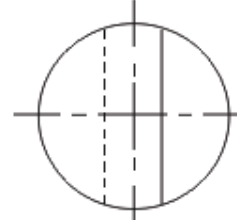
Number of Bolt Holes: _____

Size of Holes: _____

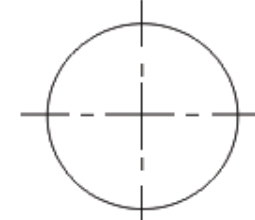
BUNDLE DUTY



Liquid



Steam



Tank Heater

Bundle Duty: Liquid Steam Tank Heater

Baffle Diameter: _____

Dimensions: A: _____

Baffles Constructed of 0.125" Brass

B: _____

C/C: _____

MATERIALS

Tubes: 0.75 OD x 0.049 TW Copper
0.75 OD x 0.049 TW Cupro-nickel
Other _____

Tubesheet: Carbon Steel
Brass
Other _____

Gaskets: _____

HEATCRAFT

Tube Bundle Field Specification Sheet

CP 1194-0

Customer _____ Customer P.O. Number _____

Job _____

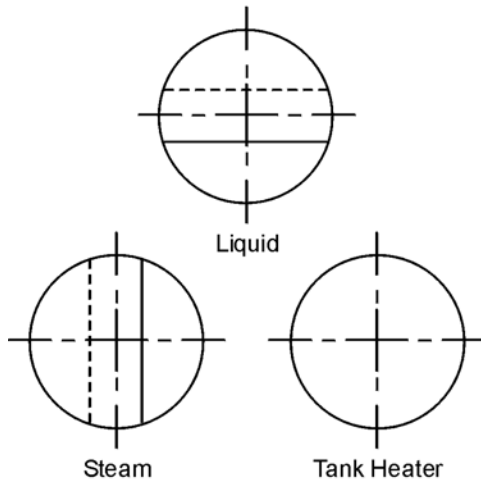
Written by _____ Date _____

Approved by _____ Date _____

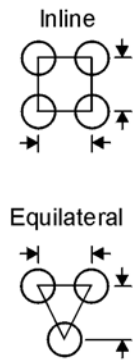
| # | TAG | QTY | MODEL NUMBER | | | | | |
|---|-----|-----|---------------------------------------|--------------------------|--|---------------|-------------------|-----------------------|
| | | | Duty Tube Bundle or Tank Heater | # of Passes 2 or 4 | Application Liq to Liq or Stm to Liq | Bolt Holes | Shell Diameter | Tube Bundle Length |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |

| # | Tube Material CU or CU- NI | Tube Sheet Thickness | Tube Sheet Material Carbon Stl or Brass | Tube Pitch Inline or Equilateral | Baffle | | Manufacturer's Part Number | A | B | D | C/C | OL |
|---|-------------------------------------|----------------------------|---|--|--------|------|----------------------------------|---|---|---|-----|----|
| | | | | | Qty | Dia. | | | | | | |
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |

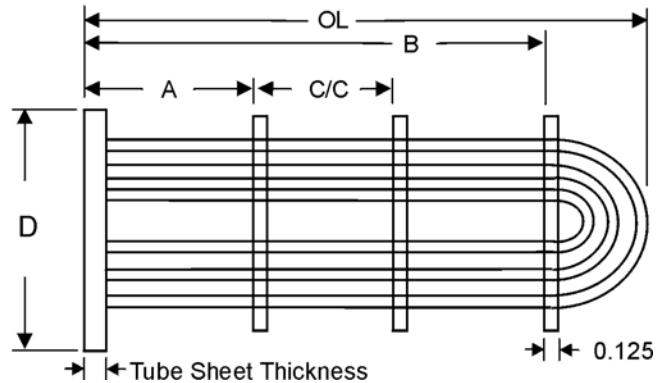
BUNDLE DUTY



TUBE PITCH



BUNDLE



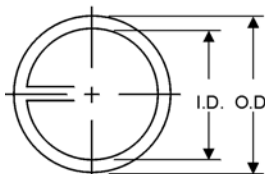
| # | GASKETS | | | OPTIONAL | | | |
|---|------------------------------|----------------|-----------------|------------|--------------|---------------------|-------------|
| | Gasket Material ³ | Inside Dia. | Outside Dia. | Bolt Holes | | | |
| | | | | # Holes | Hole Size | Bolt Circle Dia. | Start Angle |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |

GENERAL NOTES

1. Baffles constructed of 0.125" Brass.
2. Tubes thickness 0.75" OD x 0.049" wall.
3. Gaskets made with Garlock 29-20 unless otherwise specified.

Notes:

Gaskets



Bolt Circle Reference

