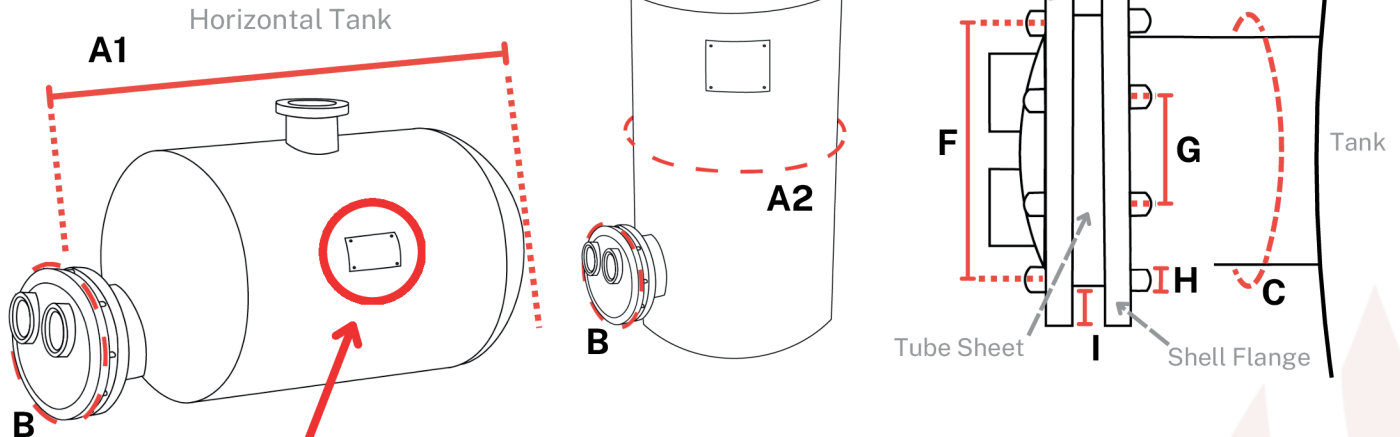


# Measuring for U-Tube Bundle Replacement In Tank & Still in Service



sales@boilerusa.com

1-800-780-3776



**STOP:** If you can access the unit's data tag, no measurements are needed. Just retrieve this information:

National Board #: \_\_\_\_\_

Model #: \_\_\_\_\_

Year: \_\_\_\_\_

Serial #: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

Number of Bolts: \_\_\_\_\_

**Check One:**

☐ Domestic Hot Water

☐ Heating Hot Water

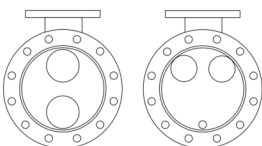
(Optional)

**Tube Sheet Material:**

**Tube Material:**

**Circle One of Each**

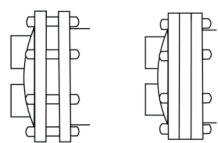
**1. # of Passes**



2-Pass

4-Pass

**2. Tube Sheet**



Boltless

Full Face

**A1. Overall Length:** \_\_\_\_\_

*If it's a horizontal tank, measure from where the head flange meets the tube sheet to the end of the tank.*

**A2. Tank Circumference:** \_\_\_\_\_

*If it's a vertical tank, wrap garment tape or similar tool around tank to get circumference.*

**B. Flange Circumference:** \_\_\_\_\_

Wrap garment tape or similar tool around head flange.

**C. Shell Circumference:** \_\_\_\_\_

Wrap garment tape or similar tool around unit's neck.

**D. Tube Sheet to Tank:** \_\_\_\_\_

Measure from where the tube sheet meets the shell flange to the edge of the tank.

**E. Tube Sheet Thickness:** \_\_\_\_\_

Measure the distance between both flanges.

**F. Cross Bolt Center-to-Center:** \_\_\_\_\_

*If possible, measure from the center of one bolt to the center of the bolt directly opposite it on the flange.*

**G. Adjacent Bolt Center-to-Center:** \_\_\_\_\_

**H. Bolt Diameter:** \_\_\_\_\_

**I. Tube Sheet to Lip of Flange:** \_\_\_\_\_

*Skip if measuring a full face tube bundle.*

*Otherwise, measure the distance from the top of the tube sheet to the lip of the flange.*

Phone: \_\_\_\_\_

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Company Name: \_\_\_\_\_