

## Radar Application Data Sheet

### Material/Product Conditions:

What is the material being measured? \_\_\_\_\_  
Foam (Y/N) \_\_\_\_\_ Condensation (Y/N) \_\_\_\_\_  
Vapor/gases above the liquid (Y/N) \_\_\_\_\_ If so, name of gas \_\_\_\_\_  
Cavitation (air bubbles) in the liquid (Y/N) \_\_\_\_\_ Dust (Y/N) \_\_\_\_\_  
Material Density \_\_\_\_\_ Liquid dielectric constant \_\_\_\_\_  
Are there any obstructions/agitators inside the tank? \_\_\_\_\_  
Is measurement desired during filling or only under static conditions? \_\_\_\_\_

### Process Conditions:

Max. Temp \_\_\_\_\_ Max. Pressure \_\_\_\_\_ Vented: (Y/N) \_\_\_\_\_  
Indoor/Outdoor Application \_\_\_\_\_  
Is this for general purpose or Class1 Div. 1? (Radar Only) \_\_\_\_\_

### Instrument Specs:

Distance/range to measured \_\_\_\_\_  
Power required (120VAC, 24VDC or 2 Wire Loop) \_\_\_\_\_  
Communication (RS232, RS485, HART or ModbusRTU) \_\_\_\_\_  
Display (Y/N) \_\_\_\_\_ If so, local or remote? \_\_\_\_\_  
Relay Controller (Y/N) \_\_\_\_\_ How many relays? \_\_\_\_\_ Alarms (Y/N) \_\_\_\_\_

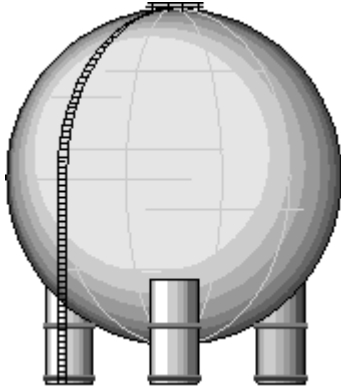
### Tank and Mounting Information:

Is the tank metal or plastic? \_\_\_\_\_ Is the tank roof flat or domed? \_\_\_\_\_  
How far from the tank wall will the unit be mounted? \_\_\_\_\_  
Is this a sanitary application (Y/N) \_\_\_\_\_ If so, is a tri-clamp connection required? \_\_\_\_\_  
Please refer to the tank drawing below. Which one does your tank most likely represent? \_\_\_\_\_

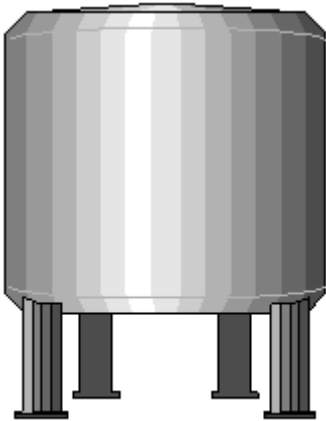
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Give approximate tank dimensions: Height \_\_\_\_\_ Diameter \_\_\_\_\_

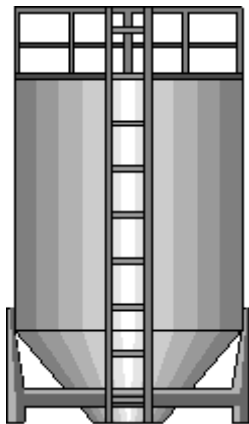
1.) Spherical



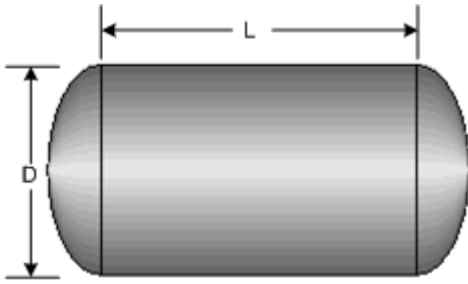
2.) Cylindrical



3.) Cylindrical Tank with cone



4.) Horizontal Tank



Name \_\_\_\_\_ Date \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Fill out and submit [sales@babbitt.us](mailto:sales@babbitt.us)