

Ultrasonic/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 _____

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 Class1I 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? _____

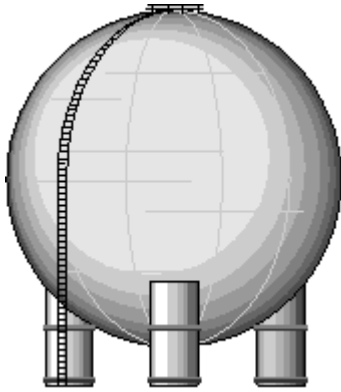
How far from the tank wall will the unit be mounted? _____

Is this a sanitary application (Y/N) _____ If so, is a tri-clamp connection required? _____

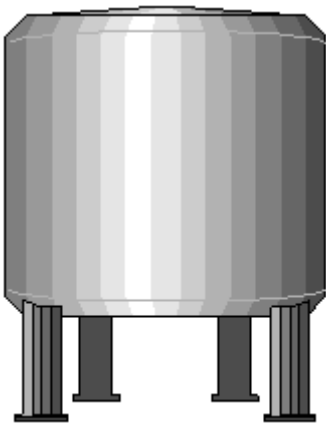
Please refer to the tank drawing below. Which one does your tank most likely represent? _____

Give approximate tank dimensions: Height _____ Diameter _____

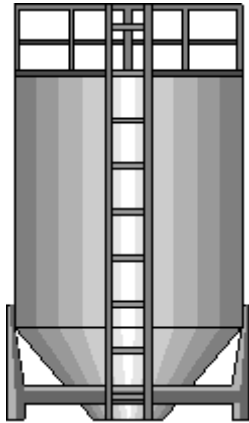
1.) Spherical



2.) Cylindrical



3.) Cylindrical Tank with cone



4.) Horizontal Tank

