

# Rosemount 5900S Still-pipe Array Antenna Insert Pipe

## Benefits

- Fits any floating roof tank with an existing 8-in. (or larger) gauge still-pipe
- Provides for temperature, level measurement and water level in an existing still-pipe
- The gauge can be provided with a hinged array antenna allowing for full access to the insert pipe for hand dipping, sampling, etc.
- Reduce emissions
- Can be installed without taking the tank out of service
- Measure with highest precision non-contact radar



The Rosemount 5900S with array antenna is a premium non-contact radar level gauge for still-pipe measurement. Typical applications are crude oil tanks with floating roofs and gasoline/product tanks with or without floating roofs. Most of these tanks are equipped with a standard 8-in. still-pipe. This means adding a multi point temperature probe with water level sensor is not possible without extensive modification to the tank. Using the insert pipe allows for the addition of these auxiliary measurement devices without modifying the tank or taking it out of service. When coupled with the hinged array antenna, the insert pipe allows full access to the tank for hand gauging, sampling, etc.

**Figure 1-1. Rosemount 5900s with Array Antenna Is Designed for Installation in New, Existing or Insert Still-pipes**

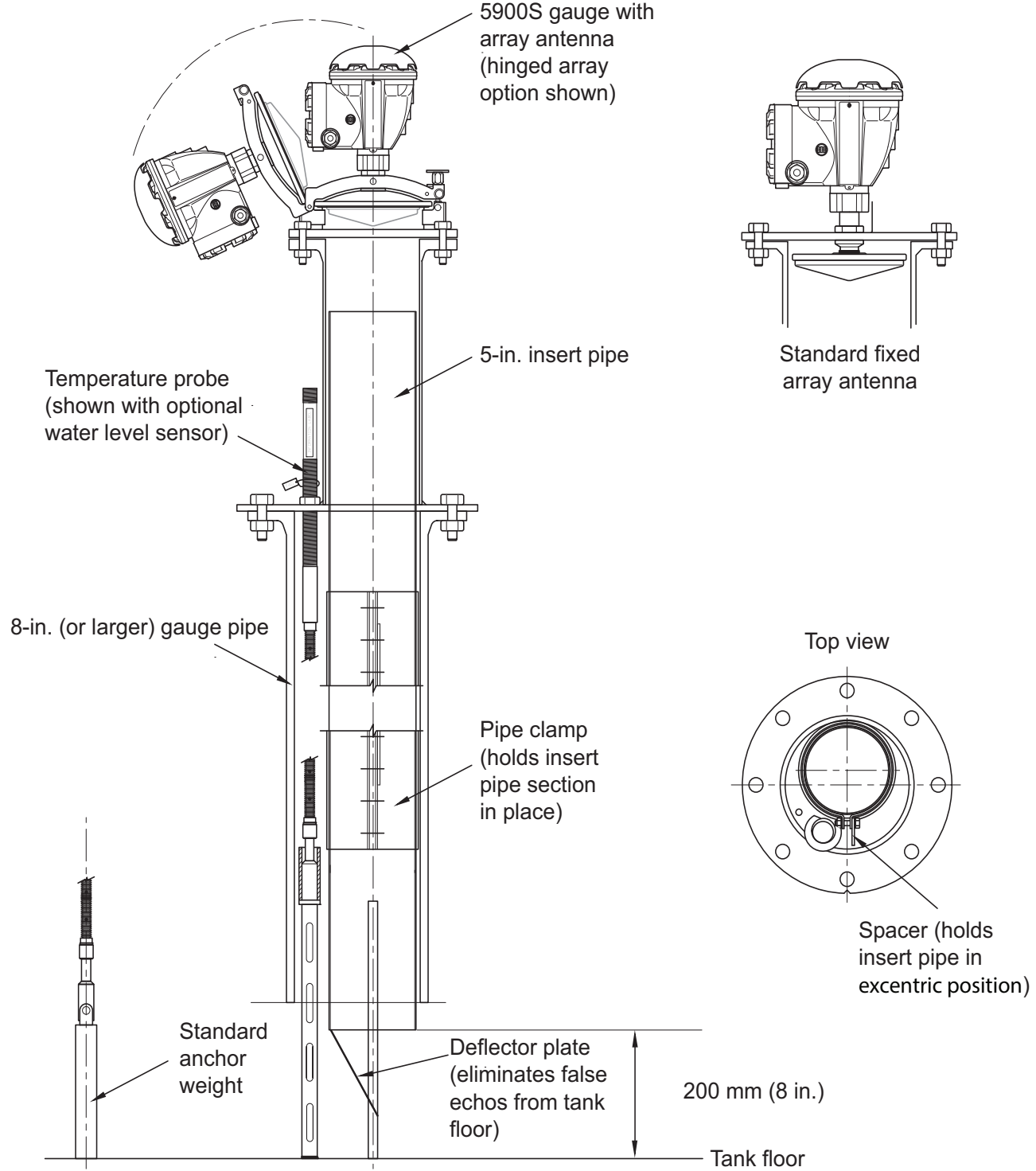


**Figure 1-2. Rosemount 5900s with Array Antenna, Hinged Hatch Version**



Specifications for Rosemount 5900S Still-pipe insert pipe	
<b>Standard lengths</b>	15 meters (49 feet)
	18 meters (59 feet)
	21 meters (68 feet)
	24 meters (78 feet)
<b>Material of construction</b>	316 Stainless steel

Figure 1-3. Installation Overview



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