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## Direct Mount Model 3095MFA Mass ProBar® in Steam Applications

This supplement is provided to provide instructions on properly installing part number **53007-01(hose connect valve)**. The hose connection valve is used to create wet legs that protect the transmitter from high temperatures that damage the sensor.

Use the following steps and drawing to properly install the direct mount Model 3095MFA Mass ProBar. These instructions are also found on page 3-8 of the Annubar Flowmeter Series Reference Manual (document number 00809-0100-4809).

1. Ensure that the steam line is depressurized with no steam.
2. Check the transmitter DP for a dry zero of 4 mA with no water loss.
3. Attach a water supply to the hose connection. The water supply should have a maximum psi of 100.
4. Open the high and low main valves MH and ML and equalizer valve ME.
5. Close low side vent DVL on the transmitter.
6. Open the hose connect valve for a minimum of 30 seconds. Water will flow through both the high and low chambers and into the pipe.
7. Close the high MH for 30 seconds to force water to the ML side.
8. Re-open the MH valve.
9. Open low side vent DVL on the transmitter until no air is observed.

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# Annubar Flowmeter Series

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10. Close the vent.
11. Close the hose connect valve.
12. Close both MH and ML.
13. Check the instrument DP zero by noting the digital output. If the signal reads outside of the range 3.98 mA to 4.02 mA, air is probably still in the system. Repeat steps 2 - 13 and trim the DP sensor as necessary.
14. Open MH and ML.
15. Close equalizer valve ME. The system is now operational.

Figure 1-1. Valve Identification for Direct Mounted Annubar Models in Steam Service

