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Technical Bulletin

AGFC2A & B (2 Pump Flow Center)

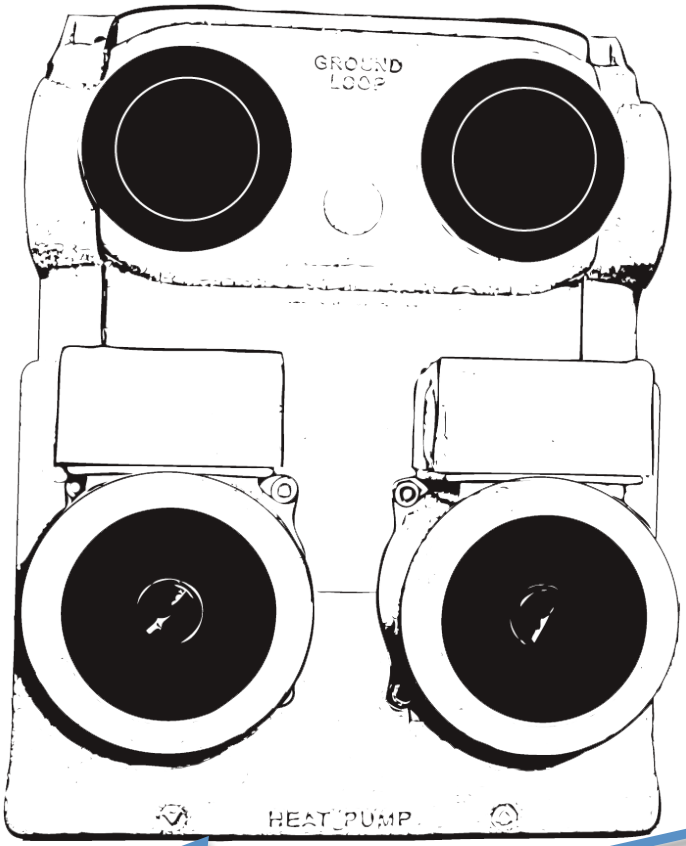
Backwards Flow

October 31, 2008

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We have received several calls recently where technicians are reporting that units are locking out on water flow within 20 to 30 seconds. When the water pressures are checked, the "water out" is higher than the "water in," which indicates that the flow is backwards (for example, inlet pressure = 48 PSIG, and outlet pressure = 56 PSIG). Upon further investigation, it turns out that our vendor has inverted the volutes inside the flow center. Although the flow center still operates, the flow will be reversed. If you are experiencing this issue, please follow the procedure below to correct the direction of flow.

Before installing the flow center, look into the volute on the bottom of the flow center on the left hand side (arrow down or inlet side of the unit). You should see the impeller of the pump (see picture below) on the left hand side, but not on the right hand side. If you see the impeller on the left hand side, the flow will be correct. If the flow is reversed, then the flow center pump volutes are inverted (left on right and right on left). You will need to reverse the hoses at the unit to correct the problem.



Looking at the bottom connection, left hand side. If installed properly, the pump impeller should be visible.

