HANSEN TECHNOLOGIES	**DOCUMENT NO.** 2002-95 REV A	**DOCUMENT TITLE:** APWT – HMI Bracket Installation

This instruction document covers verifying the need for the bracket and installing it.

Problem:

The pressure on the HMI is more than -5 PSIG off the pressure gauge reading

Review:

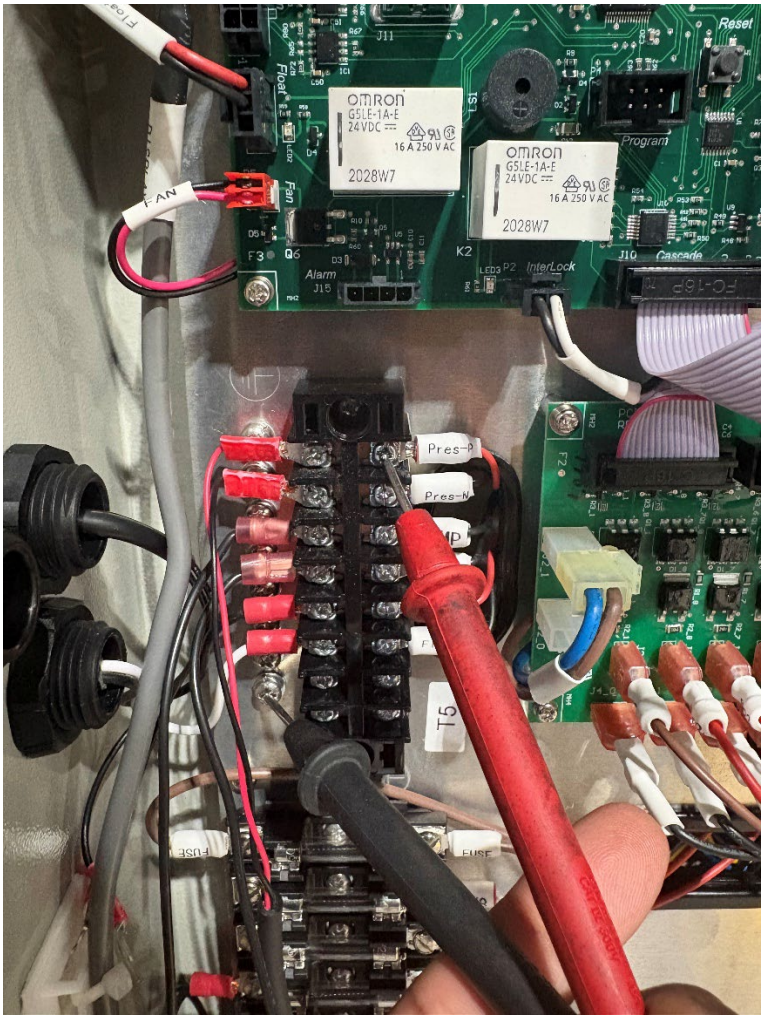
Review all troubleshooting steps listed in the bulletin, page 36.

If it is determined that those are not the cause of the issue, check the following.

Check:

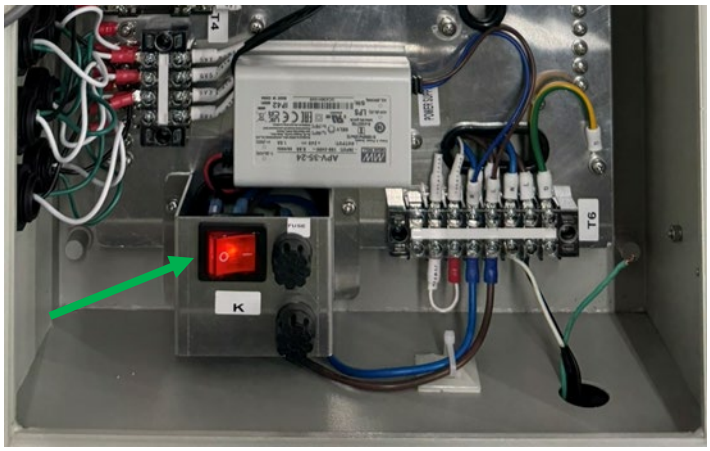
Measure the voltage between the positive terminal of the pressure transducer and the ground (the back plate). See figure below

If the voltage is between 23V – 24V, then the HMI bracket needs to be replaced.

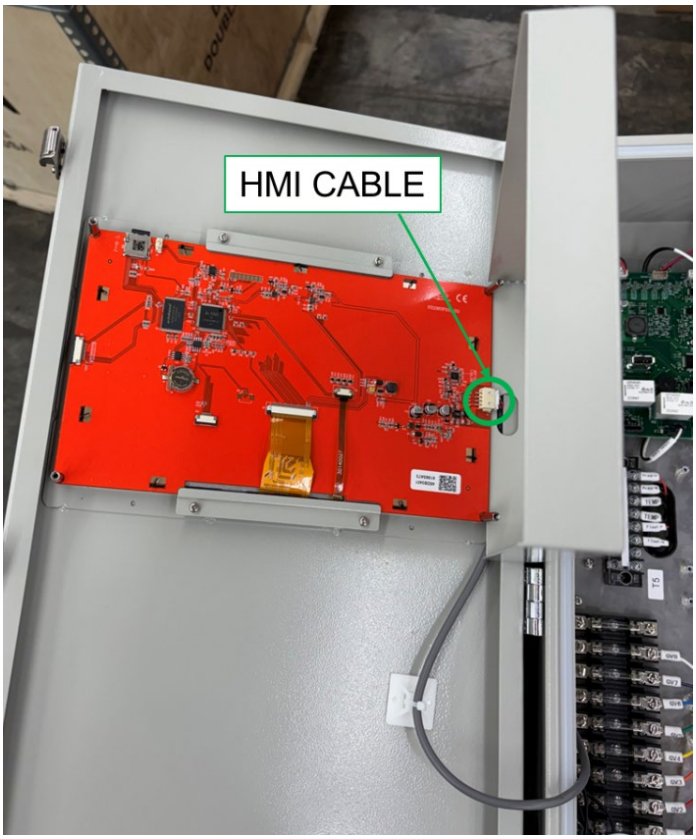


Install Instructions:

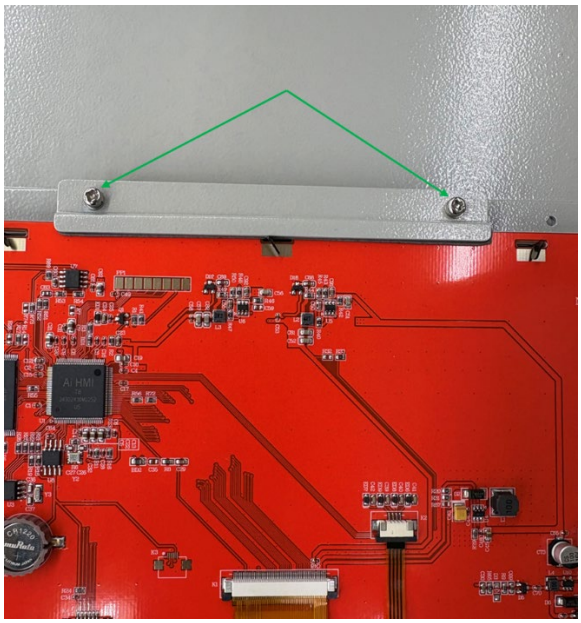
1. Open the cabinet and power off using the red toggle switch at the bottom of the cabinet.



2. Remove the 4 screws holding the HMI enclosure.
    a. Be sure not to lose the screws. Use a magnetic tip screwdriver if possible.
    b. The HMI cable does not need to be removed; the enclosure can be propped as shown in the figure below.



3. Remove the 2 screws from the top bracket
    a. Be sure to avoid contact with any of the components on the HMI's red control board.



4. Align the new bracket with the slot pointing down and hand-tighten the screws
    a. **Warning: Do not overtighten screws as this could damage the touchscreen**

5. Align the HMI enclosure holes with the standoffs and hand-tighten the screws
6. Power on the purger and verify:
    a. The HMI screen turns on
    b. The pressure reading is with ±5 PSIG of the pressure gauge