


Flash Tank Percent Review While Running

1. Review to be performed with system running
2. Press: Service
3. Key in: 2878
4. Press: Enter v
5. Arrow Down to: Feed Valve Level Setpoint
6. Key in test value (*Base Program Value = 35 . . . See Item 9 below*):
 - Level Below Site Glass: Raise value in 5% increments until level is at midpoint~ of site glass
 - Level Above Site Glass: Lower value in 5% increments until level is at midpoint~ of site glass
7. After each entry: Enter v
8. When at midpoint of flash tank site glass, take Display reading of flash tank
 - **Record: At 35% flash tank, Display = xx %**
 - Note: Site Glass upper and lower limits reflect a 2% variance up or down from the 35% mid point.
9. **Important!!! Always Reprogram the "Feed Valve Level Setpoint" back to 35% base value on completion.**

FOR YOUR INFO ONLY.
DO NOT HANDOUT
TO OTHERS.



Just a few points regarding Level Sensor accuracy on YVAC/IV product:

1. Level Sensor accuracy on YCAV/IV product can be affected by excess oil in the system. It is recommended, "before" changing out a faulty level sensor, to run the system at "full load" for 1 to 2 hours and check the oil level. This allows the oil separator to show the true oil level. The correct oil level should be at the bottom edge of the top site glass. If at mid point of the top glass or higher . . . there is excess oil in the system. You should remove oil to the correct level. Re-run the system again for 2 hours . . . check the oil level again . . . repeat until the oil level is correct. Then install new level sensor.
2. Level Sensor accuracy can also be affected due to poor or accidental handling of the Sensor either at Baltimore Parts, or during shipment, or during installation. Don't rule this out when confronted with a faulty sensor out of the box or a week after installation.
3. Newly installed Level Sensor accuracy can also be in a state of flux until they have sufficient time to absorb saturated refrigerant and adapt to the refrigerant. Always allow 48 hours to 1 week minimum for level sensors to adapt to the refrigerant and gain accuracy.
4. If level sensors still show a variance of over 10% up or down from the 35% level (read point in the flash tank site glass), **and** the system is faulting or otherwise not controlling properly, review control and replace the level sensor . . . if it is the cause. If the system appears to be working satisfactory, allow more time for the level sensor to adapt.

