Make these Cal and Special Cal changes before using the system:

| *Summary of Calibration entries and Special Cal Changes for Tower 100 Catalyst* | | | | |
|---|---|---|---|---|
| **Parameter** | **CAL or SPEC CAL** | **Default (for EP-E)** | **Setting with Rate in GPA** | **Setting with Rate in oz/ac** |
| Flow Cal | **Cal** VOLUME | 6000 | ***45420*** | 355 |
| Section Width | **Cal** AREA (Turn on Boom 1 to set Boom 1) | | ***Width in inches for each section*** | |
| Control Speed | **Cal** PRESSURE | -2 | ***-2*** | |
| Target Rate | **Cal** RATE | 10 | ***0.5 gpa*** | # oz/ac |
| Adjust Rate | **Cal** TANK | 1 | ***Any increment*** | |
| Fill Tank Size (Optional) | **SPEC CAL** 1—VOLUME | Off | ***Tank Size (gal)*** | Tank Size (gal x 128) |
| Tank Alarm Set Point | **SPEC CAL** 1—VOL/MIN | Off | ***# GAL (Optional)*** | |
| Minimum Flow | **SPEC CAL** 2—TANK | 0 | ***0*** | 9 oz/min |
| Rate Smooth | **SPEC CAL** 3—RATE | 10 | ***15*** | |
| PWM Min | **SPEC CAL** 3—AREA | 0 | ***0 (could set this to 10 or 15 if output gets too low for FM)*** | |
| PWM Frequency | **SPEC CAL** 3—PRESSURE | 100 | ***150*** | |

To run the system in **MANUAL mode** (can be used to prime the pump and to rinse the system or for testing)

1. Push the AUTO/MAN button until MAN is displayed on the Commander II. You are now in Manual mode.
2. Put the system in RUN. Turn the console switch to RUN or lower the implement if using a mercury Run/Hold Switch. When HOLD Is not displayed on the screen the system is in RUN.
3. Turn Section 1 switch ON.
4. Open the Air Bleed valve on the Tower. Be prepared to close the valve when water comes out.
5. Turn dial to VOLUME/MINUTE position. Push the "+" button to increase pump speed. Push the "-" button to decrease pump speed.

To operate the Commander II in **Test Speed mode.**

1. Enter calibration mode by pushing and holding the CAL button until CAL is displayed on the Commander II and the red light is on.
2. Push the AUTO/MAN button until AUTO is displayed, indicating you are in automatic mode.
3. Turn the dial to Test Speed in the bottom right corner. Use the + key to adjust to your field operating speed.
4. Turn Run/Hold switch on Commander II to RUN.
5. Turn Run/Hold mercury switch to Run by lowering the implement, unplugging it, or manually tilting the switch.
6. Turn the Section switches on.
7. Turn the dial to Rate to verify that it is locking on to the Target Rate. You can turn the dial to Pressure.
8. You should now be dispensing liquid as if you were traveling through the field at the test speed you entered. *Note: The pressure will be much less with water than it will be with a heavier, thicker product.*