

██████████ – Tank-Side Pump – “VFD” Controller

1) To POWER-UP VFD

- Turn front Switch to “Off”.
- Press Green “Start” button, on left-side “Start / Stop” box.
- Open VFD Cabinet door. Press “DSP / FUN” key twice.

The red indicator next to “AMP” will be lit, and the display will read “00.0A”. This is the motor’s “Running Amps”, which you will need to monitor.

Close VFD Cabinet door and secure.

2) To START PUMP

- Turn Switch to “Forward” or “Reverse”, as desired.
(“Forward” is Tank --> Truck. “Reverse” is Truck --> Tank.)

3) To CHANGE PUMP SPEED

- Rotate “Speed” Dial (“0” through “9”) – clockwise is faster (big numbers); counter-clockwise is slower (small numbers).
- Display will read the motor’s actual “Running Amps”,
- Note: don’t exceed 30 Amps – else motor might overheat & stop (“kick out / fault out”).

4) To RESET CONTROLLER FAULT (OVERLOAD, ETC.)

- Turn Switch to “Off”. Press Red “Stop” button, on left-side “Start / Stop” box.
- Wait 10 seconds – until Pump stops, Controller fans stop, and Display is blank.
- Power-Up VFD (as per Step #1 above).

5) To STOP PUMP (TEMPORARILY)

- Turn Switch to “Off”.

6) To POWER-DOWN VFD (FINISHED PUMPING, END OF DAY, ETC.)

- Press Red “Stop” button, on left-side “Start / Stop” box.

7) ANY PROBLEMS ?

- Please note: right now, this Controller is in “Beta Test” – we are still adjusting as needed.
- If you have any problems or difficulties – it’s not your fault. Please call Philip &/or ██████████