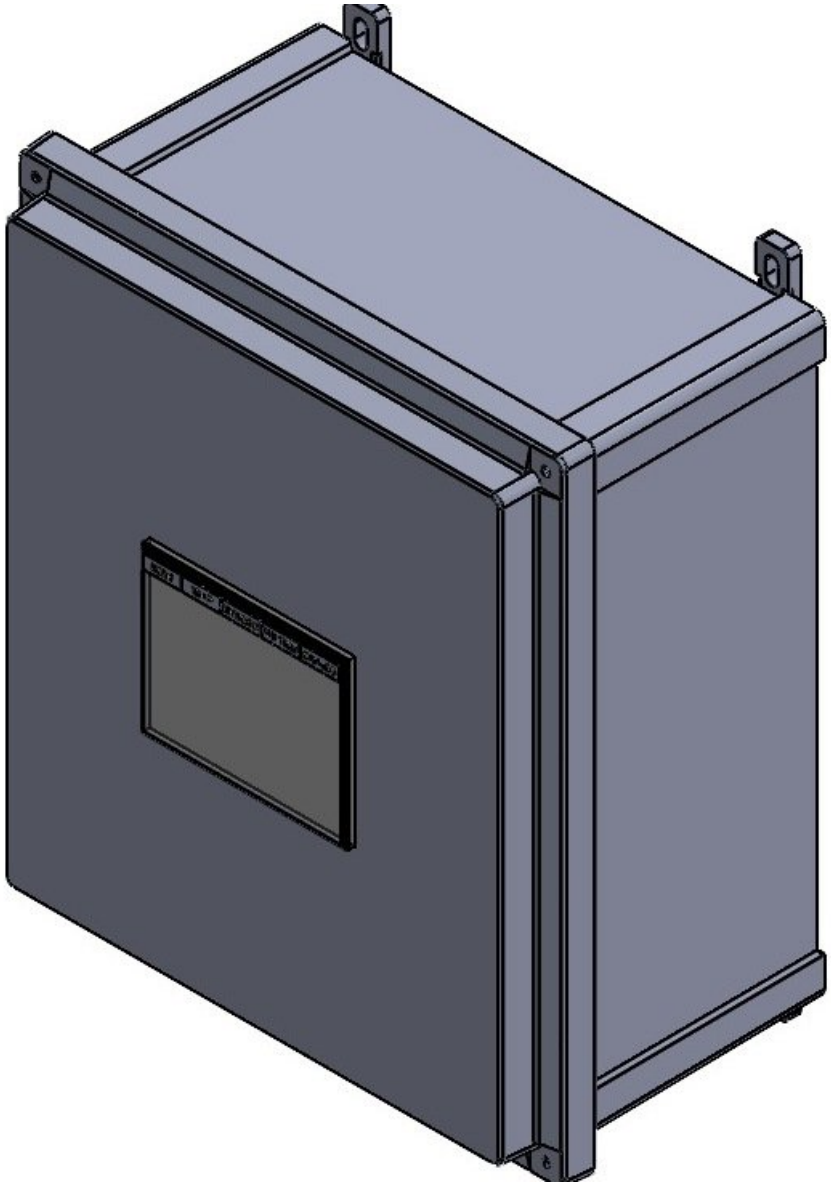
HMI Control Panel (ICS Control Panel w/ Touchscreen) Operation

Legacy Clean Guard, G2 2800, 4200, 5400, WashGuard Elite 123565 - HMI Control Panel

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Step 1 — HMI Control Panel (ICS Control Panel w/ Touchscreen) Operation

⚠ WARNING: Damage to the Controller due to an uncertified Electrician making the connections will not be covered under warranty.

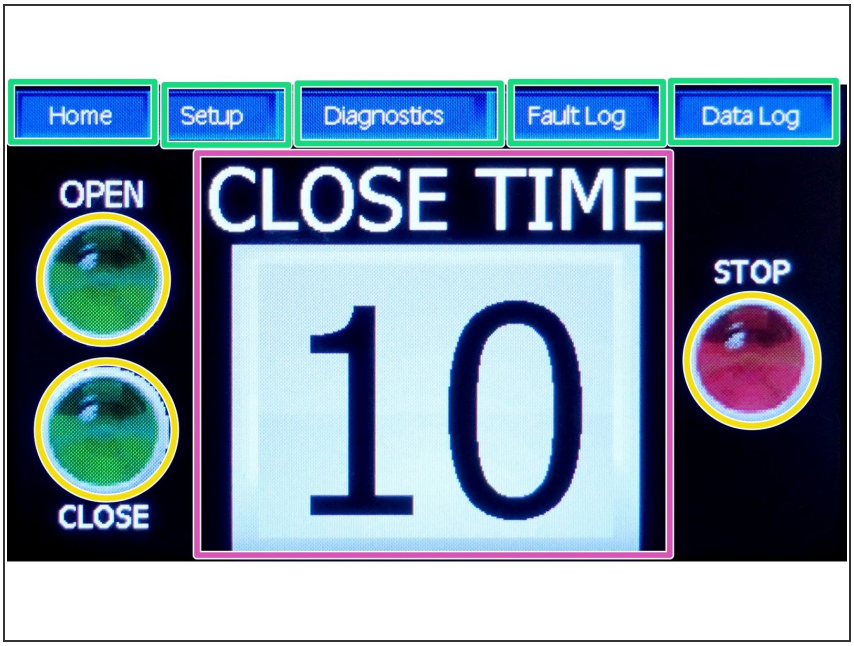
ⓘ Regardless of the available Input Phase and Voltage, you will receive a 3-phase motor.

ⓘ Within the Control Panel, the Input Power is Manipulated to Feed the Motor what is needed.

ⓘ If the only available power is 110V Single-Phase, a Step-Up Transformer is required.

ⓘ The Control Panel received in this instance will be Labeled as 240V.

Step 2 — Default Screen Overview



- Tabs along the top of the Home Screen. Touch to Open named Screen.
- Icon Buttons to begin to Open, to Close, or to Stop a moving Door.
- Close Timer Display (Read Only)

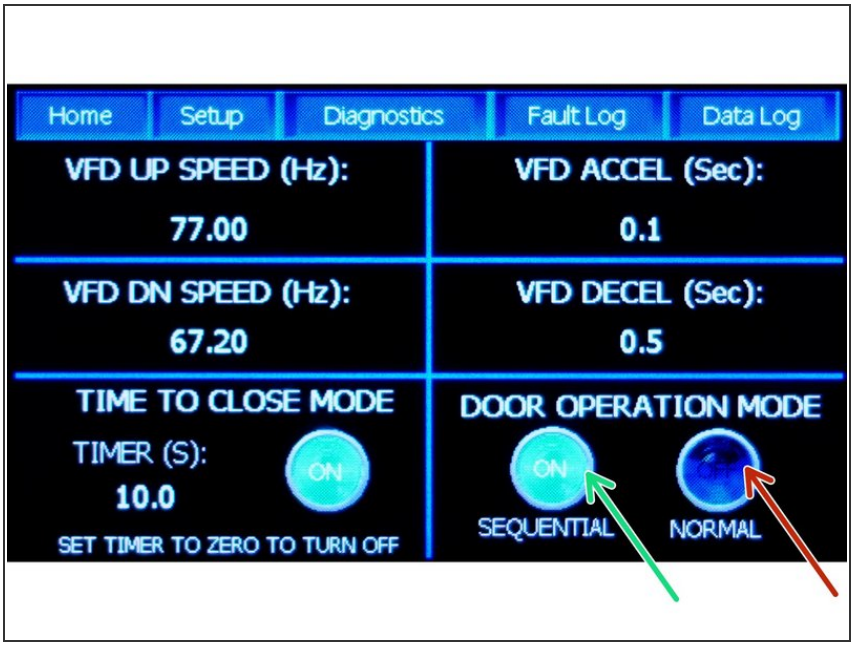
Step 3 — Home Screen



- OPEN (Press to Open the door)
- CLOSE (Press to Close the Door)
- STOP (Press to Halt the movement of the door while Opening or while Closing)
- CLOSE TIME (Display counts down the seconds until the Door Close Command is initiated)

ⓘ Interrupting/Breaking the Sensor Beam will reset the Timer to the preset Close Time.

Step 4 — Setup Screen - Door Operation Mode

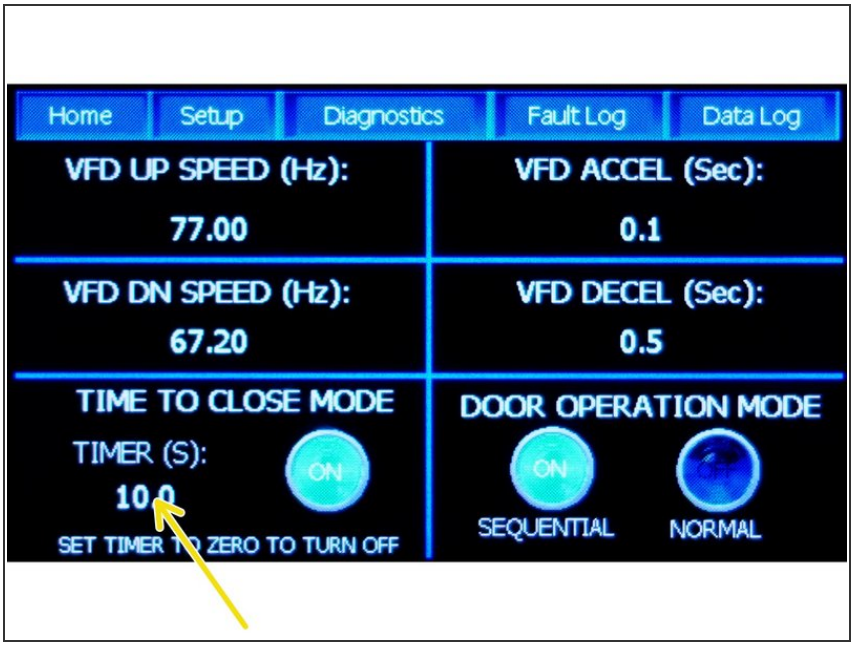


- Set to either Normal Mode or to Sequential Mode.
- For Normal Mode: Press Normal icon, then go to the Home Screen to Open, Close, or Stop. (See Home Screen Instruction above)
- For Sequential Mode: Press Sequential icon, then use the Push Button Station (single Station), the Single Button Remote, or Pull Cord Switch) to index to the next Mode in order.

ⓘ In Sequential Mode, each switch contact signals an index to the next Sequential Mode in order.

- Sequential Mode order of index: Open, Stop, Close, Stop

Step 5 — Setup Screen - Set Time to Close Automatically



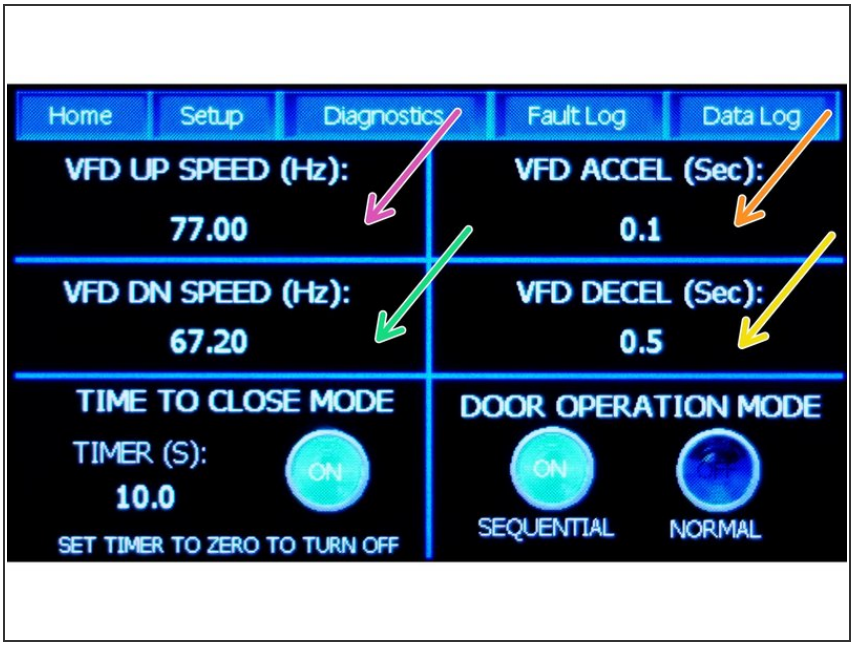
- To Adjust the Timer: Press the number (10.0 in picture) below "Timer (s)" text. A Pop-up Keypad is displayed.

Step 6



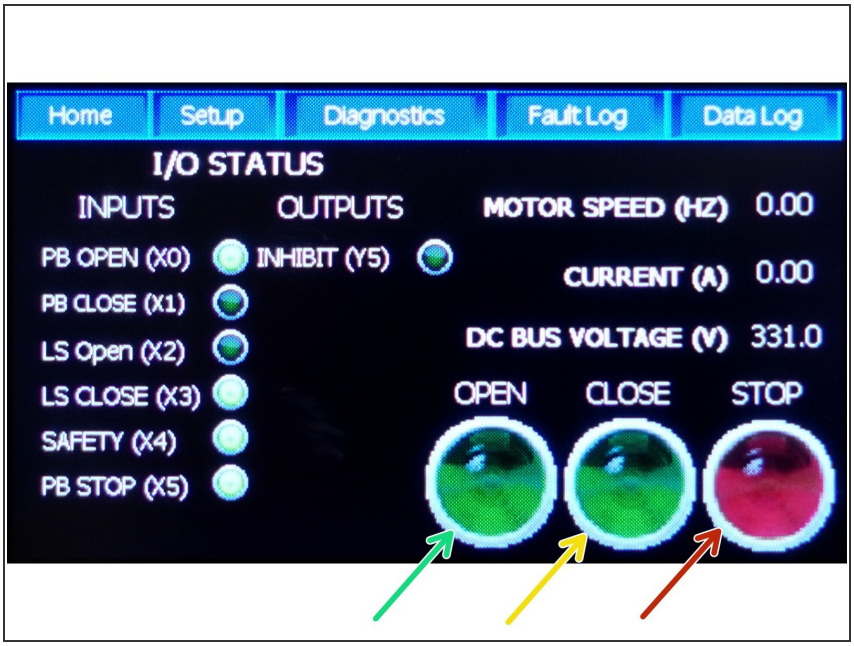
- Press the desired Timer Delay from the Keypad.
- ⓘ Seconds from 0.0 to 60.0 are valid entries.
- ⓘ Set the timer to "0" to Turn Off the Auto-Close Timer/Function.
- Review the display for Timer Close Delay.
- Press "ENT" to save your Timer Delay.
- ⓘ Interrupting/Breaking the Sensor Beam will reset the Timer to the preset Close Time.

Step 7 — Setup Screen - VFD Speed & Acceleration (Read Only)



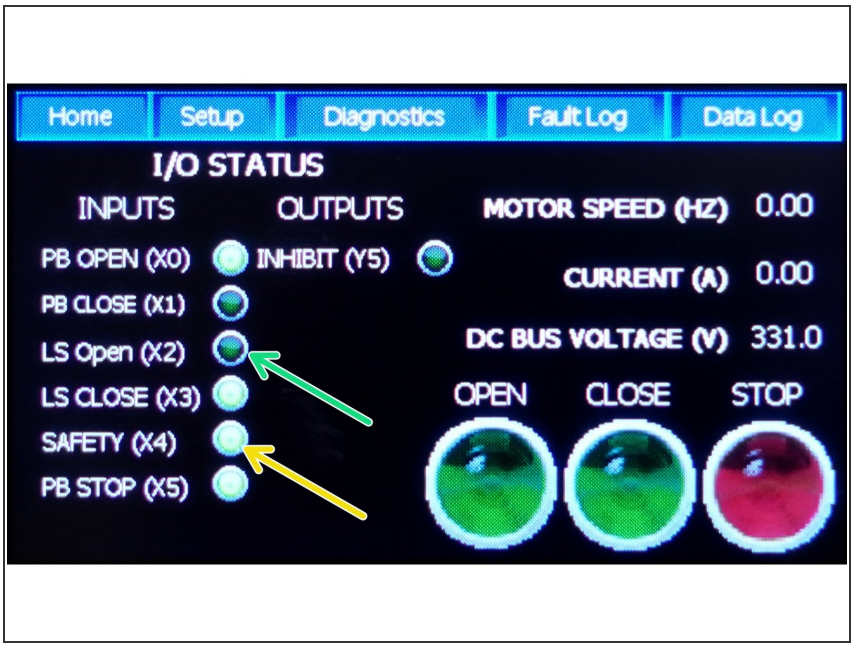
- VFD Up Speed (Open Door)- given in Hertz (Hz)
- VFD Down Speed (Close Door) - given in Hertz (Hz)
- VFD Acceleration - given in Seconds (Sec)
- VFD Deceleration - given in Seconds (Sec)

Step 8 — Diagnostics Screen - Open, Close, Stop



- OPEN (Moves the Door up when pressed)
- CLOSE (Moves the Door Down when pressed)
- STOP (Halts the movement of the Door when pressed)

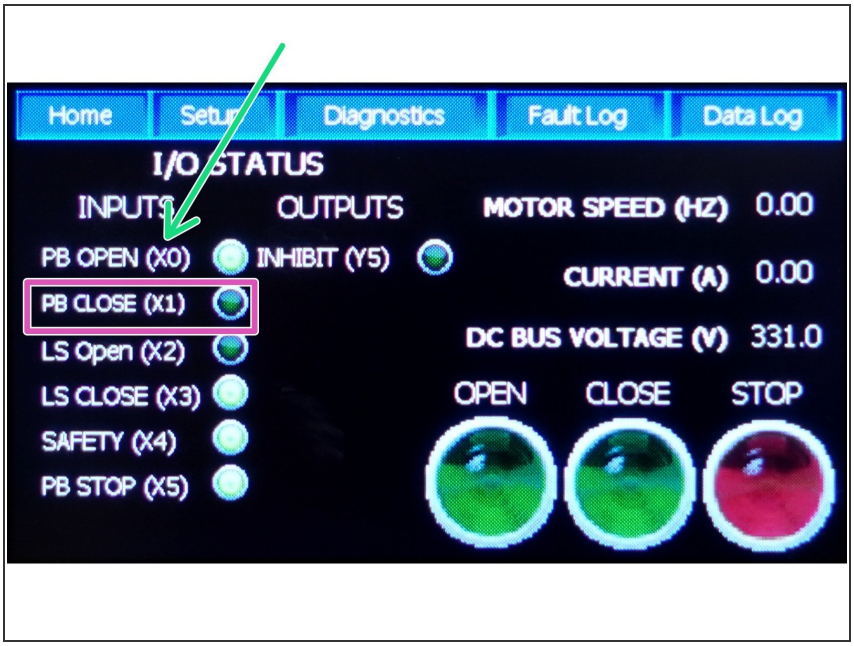
Step 9 — Diagnosis Screen - Indicator Lights



ⓘ Lights next to the Function (momentarily) indicate the status of that function.

- Not Illuminated - No Voltage present
- Illuminated-24VDC Present/ Indicates normal function

Step 10 — Diagnostics Screen - I/O STATUS - Input (Read only)



ⓘ X# refers to the Terminal Block Designation

- PB OPEN (X0) - Push Button to Open the Door. (Terminal X0)
- PB CLOSE (X1) - Push Button to Close the Door. (Terminal X1)
- LS OPEN (X2) The light is the limit switch indicator. When the light is Off it indicates that the Door is Open; When the light is On the Door is not on the Open Switch any longer. Circuit is Normally Closed.
- LS CLOSE (X3) The light is the limit switch indicator. When the Light is Off the Door is on the Closed/ Limit Switch. Circuit is Normally Closed.

⚠ SAFETY (X4) Safety Circuit is Normally Closed.

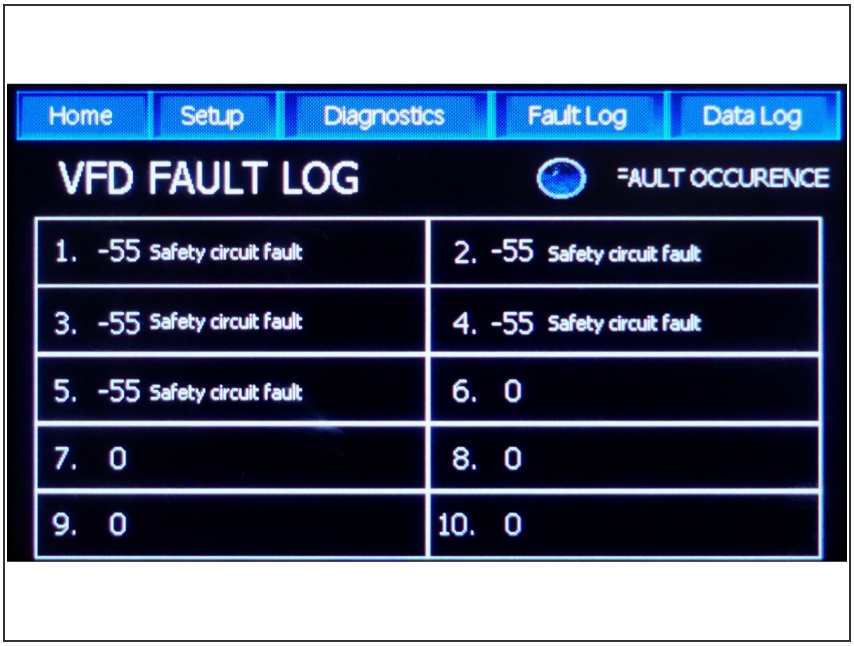
- PB STOP (X5) (Push Button to Stop the Door's movement. Reference "X5" in the program) Circuit is Normally Closed.

Step 11 — Diagnostics Screen - I/O STATUS - Output (Read only)



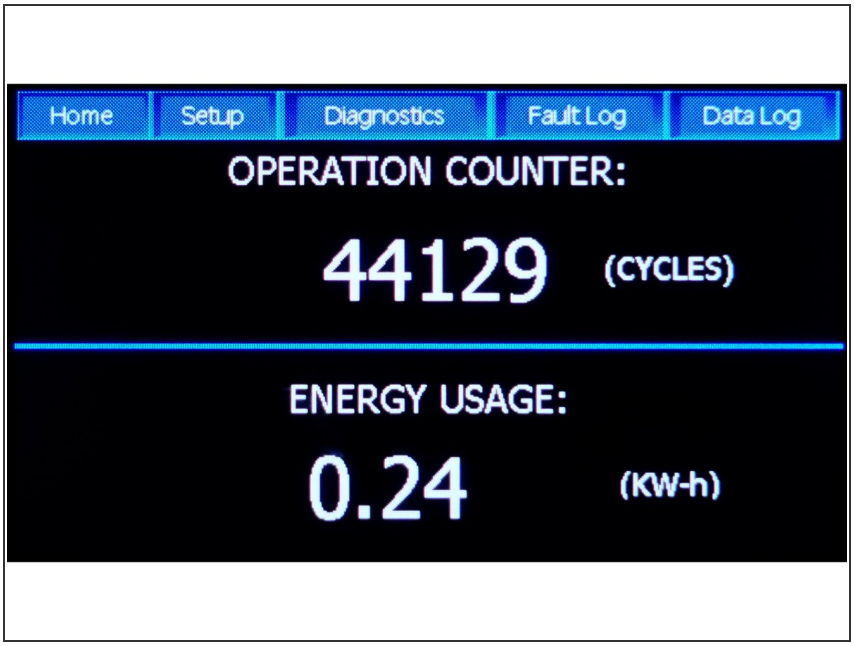
- ⓘ Y# refers to the Terminal Block Designation
- Inhibit/Interlock (Y5)
- MOTOR SPEED - Given in Hertz (Hz)
- CURRENT - Given in Amps (A)
- DC Bus Voltage - Given in Volts (V)
- Functional Open, Close, Stop Icons
- See Home Screen Instructions for use and function of Open, Close, Stop Commands.

Step 12 — Fault Log (Read Only)



- To aid in troubleshooting, problems such as Over Voltage, Short Circuit, Regenerative Power, etc are shown here.

Step 13 — Data Log (Read Only)



- OPERATION COUNTER: XXXXXX (Counts cycles. One Cycle = one complete up movement of the door, and one complete down movement of the door)
- ENERGY USEAGE X.XX (KW-h) (Given in Kilo-Watts per Hour)