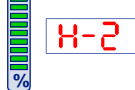
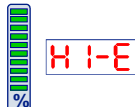
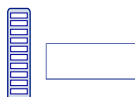
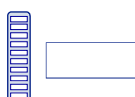
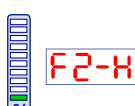
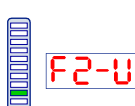
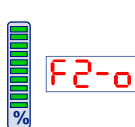
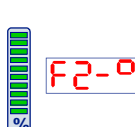
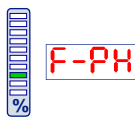


## MELINK KEYPAD TROUBLESHOOTING



### Problem:

### Items to Check:

- |  |  |  |
|--|--|--|
| <p>1 Keypad appears normal but fans not running</p>                          | <p>CLEAN <input type="radio"/><br/>FAULT <input type="radio"/></p>                          | <p>a. Determine which hood is not working at bar graph.<br/>b. Determine fan speed by counting # bars on bar graph.<br/>c. Push 100% button to see if fans go full speed.<br/>d. Check exhaust fan on roof is running.<br/>-Check if fan disconnect switch is turned on.<br/>-Check if fan belt adjusted for tension (replace if not).<br/>-Check if motor is functional (replace if not).</p>                               |
| <p>2 Keypad displays "E" and bar graph flashing</p>                          | <p>CLEAN <input type="radio"/><br/>FAULT <input type="radio"/></p>                          | <p>a. Press 100% / Reset button to return to auto mode.</p>  |
| <p>3 Keypad is blank and fans ARE running</p>                                | <p>CLEAN <input type="radio"/><br/>FAULT <input type="radio"/></p>                          | <p>a. Press fan button on Keypad to see if it activates.<br/>b. Check for tripped breaker that feeds I/O Processor.<br/>c. Open I/O Processor to verify power LED is on.<br/>d. Check for tripped breaker inside I/O Processor.</p>  |
| <p>4 Keypad is blank and fans are NOT running</p>                            | <p>CLEAN <input type="radio"/><br/>FAULT <input type="radio"/></p>                         | <p>a. Press fan button on Keypad to see if it activates.<br/>b. Check breakers for I/O Processor and exhaust fans.<br/>c. Check display on VFDs for a fault (i.e. F7 or F13).<br/>d. Press VFD reset switch, or turn breaker off and on<br/>e. Refer to troubleshooting guide for VFD keypad.</p>  |
| <p>5 Keypad shows "-H" and fault light (Temp. Fault)</p>                     | <p>CLEAN <input type="radio"/><br/>FAULT <input checked="" type="radio"/></p>             | <p>a. Determine hood number with the 'temp fault'.<br/>b. Check cables connections from temp. sensor to IOP.<br/>c. See if temp. sensor resistance is about 100 Ohms.<br/>d. Check <i>Simplissimo</i> hood menu #6.</p>  |
| <p>6 Keypad shows "-U" and fault light (VFD Fault)</p>                       | <p>CLEAN <input type="radio"/><br/>FAULT <input checked="" type="radio"/></p>             | <p>a. Determine hood number with the 'VFD fault'.<br/>b. Check cables connections from VFD to I/O Processor.<br/>c. Check display on VFDs for a fault (i.e. F7 or F13).<br/>d. Press Reset switch on Melink keypad for 15 seconds.<br/>e. Refer to troubleshooting guide for VFD keypad.</p>   |
| <p>7 Keypad shows "-o" and CLEAN light flashes red/green (Optic Fault 1)</p> | <p>CLEAN <input checked="" type="radio"/><br/>FAULT <input checked="" type="radio"/></p>  | <p>a. Check if Optic Sensors are dirty &amp; determine which hood.<br/>- Remove covers and clean lenses with soft cloth.<br/>b. Check for blockage of Optic Sensors' infrared beam.<br/>c. Verify proper hood length on Optic receiver board.<br/>d. Check <i>Simplissimo</i> system menu #10<br/>e. Check cables connections from Optics to I/O Processor.<br/>f. Press fan off and on again to recalibrate the Optics.</p> |
| <p>8 Keypad shows "-o" and CLEAN light flashes red/green (Optic Fault 2)</p> | <p>CLEAN <input checked="" type="radio"/><br/>FAULT <input checked="" type="radio"/></p>  | <p>a. Optic signal is saturated (signal too strong).<br/>b. Check gain setting on receiver; reduce gain setting.</p>   |
| <p>9 Keypad shows "-P" (Remote Access Fault)</p>                             | <p>CLEAN <input type="radio"/><br/>FAULT <input checked="" type="radio"/></p>             | <p>a. Check that telephone line (analog) is connected.<br/>b. Check that connected line is in operation.<br/>c. If modem is wireless, check that antenna is connected.<br/>d. Check <i>Simplissimo</i> system menu #34.</p>  |