



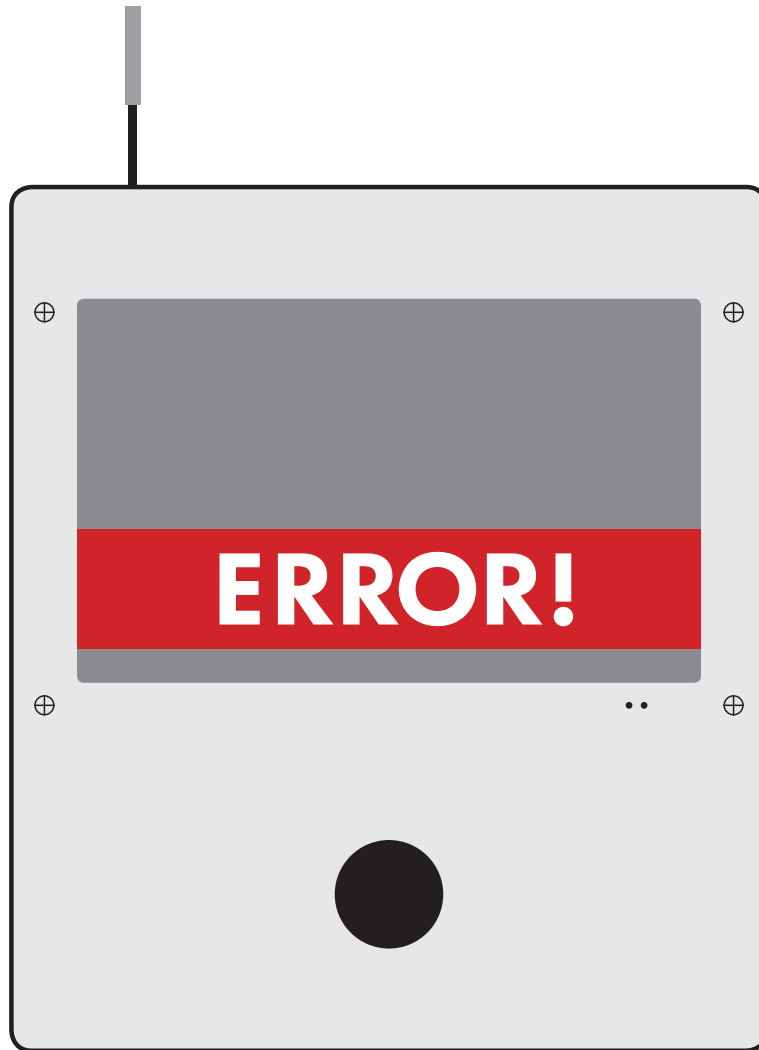
THE BEST BRANDS, THE BEST PRODUCTS

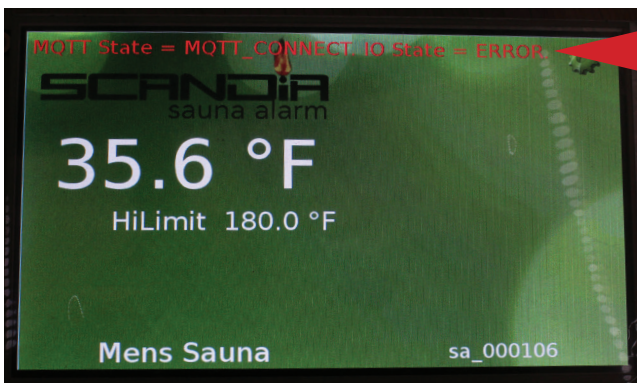
Your one stop shop for all sauna and steam needs.

2021

saunas.com
(888) 503-8157
info@saunas.com
6700 N Linder # 152-180
Meridian, Idaho 83646

ALARM TROUBLESHOOTING



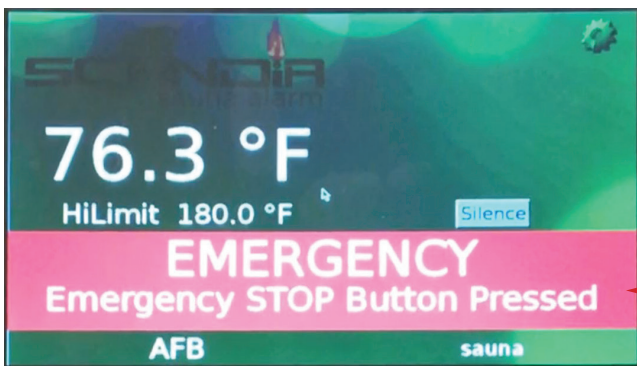


Error Code:
MQTT State = MQTT_CONNECT. IO State = ERROR

Problem:
Alarm is not connected to internet. The alarm is designed to send status updates to online control panel for temperature and E-Stop alerts. If there is no internet connection the alarm will display this error.

Solution:
1. Connect properly enabled Cat-5 internet cable to ethernet port on top of sauna alarm unit.
Restart device.

2. If there is no internet access available, or is temporarily disabled, access maintenance screen and block internet access to device by following steps 1 and 5 in Alarm Operation Instructions.



Alarm State:
EMERGENCY - Emergency STOP Button Pressed

Problem:
Someone has pressed the E-Stop button.

Solution:
Twist E-Stop to release button and end EMERGENCY state.

If problem persists, or EMERGENCY displays intermittently, check wires connected to the E-Stop button and inside alarm housing to see if they are loose. Tighten all connections.

If problem persists contact Scandia Manufacturing for further troubleshooting fixes.

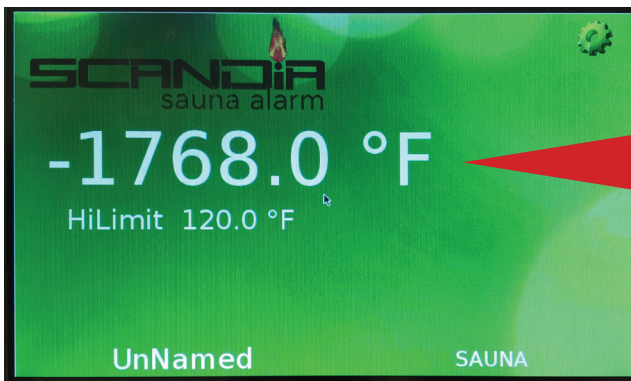


Alarm State:
ALARM - Hi Limit Exceeded

Problem:
Sauna temperature is above allowable limit.

Solution:
The sauna needs to come below the allowed limit before error will clear. Open doors to sauna to allow sauna to cool faster.

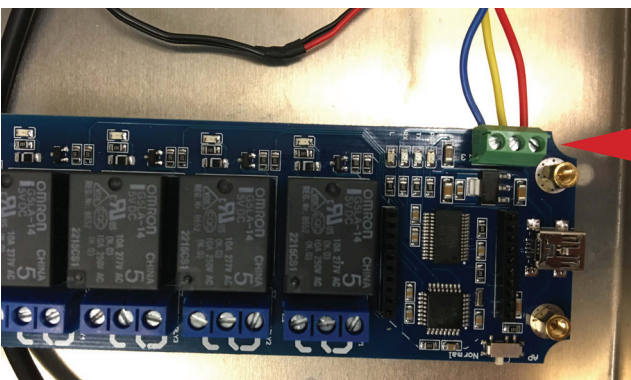
Sauna heater will come on automatically after sauna has cooled.



Alarm State:
Temperature is in a negative state.

Problem:
Alarm temperature sensor has become loose in alarm housing.

Solution:
The sensor needs to be wired back into the electrical panel inside of the alarm housing.



See instructions on next page for how to access and reattach sensor wires.

The following steps should only be performed by a licensed electrician.

1. Remove screws on faceplate to access internal connections.
2. Remove the screws holding the screen in place to access the internal connections.
3. Detach white proto board and black beaglebone from the back of the screen.
4. Locate the green wire connection port.
5. Connect BLUE, YELLOW AND RED sensor wires as shown in diagram. Check wire connections and make sure screws are tight.
6. Once sensor is attached correctly the display should be working correctly.
7. Reattach proto board and black beaglebone to the screen. Be careful to not bend the connecting pins as you do this.
8. Reattach mounting screws to the screen.
9. Reattach faceplate.

