Field Service Mode

Field Service Mode is used to set commonly used setpoints, set the system date and time and set the standalone occupancy schedule when a BACnet system is not available.

How to Enter the Field Service Mode

1. To enter Field Service Mode hold down the left pair of buttons together for 5 seconds, the display will change and ask for a password (Fig. 5).
2. **The keypad password to access the menu is: top left, bottom right, top right, and bottom left.** As each key is pressed, an "X" will show on the display. If the password is incorrect the display will show a message and exit the menu (Fig 6).
3. Successfully entering the password will switch the display to the first menu item. To scroll through the menu use the left pair of buttons.
4. To change a setting, press one of the right pair of buttons. Pressing one of the right pair of buttons once will select the item to be changed. In order to change the value, a second key press is required.

   Note: There is a 5 second keypad inactivity timeout. After the 5 seconds the main Field Service Menu will start. If another 5 seconds elapses without a key press, the thermostat will return to normal operation and display the room temperature.
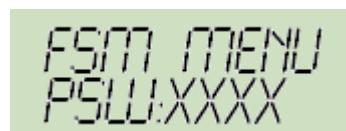

| Fig. 5 | Fig. 6 |

ChangeSP Menu

The ChangeSP Menu allows you to change commonly used setpoints and configuration settings. Setpoints available for modification are as follows:

-Hi/Low Occupied Setpoint Limit
-Heating/Cooling Offset
-Unoccupied Heating/Cooling Set point
-Fan Speed
-Afterhours Limit
-Heat/Cool Enabled
-Occupied Command

Available Fan Speed Options:
      0 = Auto Only   (Default setting)
      1 = AUTO - ON
      2 = Off - AUTO - ON
      3 = Off-1-2-AUTO
      4 = Off-1-2-3-AUTO

Set Time Menu

The System Time Menu allows you to change the Hour, Minute, Year, Month, and Day. Use the Left pair of buttons to cycle though these settings. Use the right pair of buttons to change the value of each setting. Pressing one of the right pair of buttons once will select the item to be changed. In order to change the value, a second key press is required.

Set Schedule Menu (set schd)

The thermostat is equipped with a 7 day 4 event internal schedule. There are 2 occupied events and 2 unoccupied events for each day. Every day must have at least one event. If no event is set, an unoccupied event at 12:00 AM midnight will automatically be set.

Events 1 and 3 are occupied events and Events 2 and 4 are unoccupied events.

The right pair of keys will navigate through the events. A cursor will move from hours to minutes on each event to show which field is selected for modification. If no number is selected for the hours and minutes, then this event is blank and will not be used by the schedule.   The hours are on a 12 hour time. I.e. 11:00 AM will roll over to 12:00 PM and 11:00PM will roll over to 12:00AM

The following examples show how to set the schedule for different times.

Occupied on Monday from 6AM to 6PM

Mon Evt1: 06:00 AM

Mon Evt2: 06:00 PM

Mon Evt3: blank

Mon Evt4: blank

Occupied on Monday from 6PM to Tuesday 6AM

Mon Evt1: 06:00 PM

Mon Evt2: blank

Mon Evt3: blank

Mon Evt4: blank

Tue Evt1: blank

Tue Evt2: 06:00 AM

Tue Evt3: blank

Tue Evt4: blank

Occupied on Monday from 6AM to 6PM and 10PM to Tuesday 6AM

Mon Evt1: 06:00 AM

Mon Evt2: 06:00PM

Mon Evt3: 10:00 PM

Mon Evt4: blank

Tue Evt1: blank

Tue Evt2: 06:00 AM

Tue Evt3: blank

Tue Evt4: blank

Once the schedule is set, the keypad waits for 5 seconds without a key press. After the 5 seconds, an option will display asking if the schedule should be enabled. Selecting "Y" will make the schedule active, selecting "N" will copy the schedule to internal memory but will not activate the schedule for use. If another 5 seconds elapses without a key press the thermostat will return to normal operation and display the room temperature.