

Humidify Mode

The controller can use the humidity sensor and the mister output for humidification. If the humidity option is enabled and the humidity is below the set-point, then the mister mode is activated. When the humidity rises above the set-point the mister mode is turned off.

To enable the humidify option there are 4 steps.

Step 1: Set the controller to Mister mode:

Press TIMER until "MIS" is displayed.

NOTE: Due to the type of displays on the controller we cannot make an "M" so an "M" is displayed as two humps using two digits of the display.

Press ENTER

Step 2: Set the "on time" and the "cycle time" in the DIF, DAY, and NITE stages

NOTE: The "on time" is in Seconds and the "cycle time" is in Minutes. The "on time" is variable from 0 to 99 seconds. The "cycle time" is variable from 0 to 99 minutes. When the "on time" is set to zero the mister will remain off. Some experimentation with various settings may be necessary to get the exact humidity level that you want.

Examples:

On Time	Cycle Time	What happens
00	Any value	Mister remains OFF
15	15	Mister is on for 15 seconds every 15 minutes
15	01	Mister is on for 15 seconds every minute
30	10	Mister is on for 30 seconds every 10 minutes.
65	01	Mister is ON Continuously (this will occur anytime the "on time" is greater than the "cycle time".
1 to 99	00	Mister is ON continuously whenever the cycle time is zero.

Press DIF

Press ENTER until the display alternates between "on t" and the current "on time" setting.

Enter the "on time" with the number keys

Press ENTER, "CYCL" will be displayed alternating with the current cycle time.

Enter the "cycle time" with the number keys

Press ENTER

After setting the "on time" and "cycle time" for DIF then,

Press DAY and set the "on time" and "cycle time" for DAY.

Press NITE and set the "on time" and "cycle time" for NITE.

Step 3: Set the controller to humidify mode

Press the Timer key until "tMr" is displayed

The Timer key has 3 options which you cycle through by continually pressing "Timer"

The 3 options are OFF, tMr (Timer), and MIS (Mister)

Press ENTER (a time will be displayed. Time displays always have a decimal point in the middle of the four digits)

Press 7777

Press ENTER. The 7777 tells the controller to use the humidity level to activate the mister mode.

Step 4: Adjust the humidity set-point

Press the Vent key and "HUM" alternates with the current humidity reading.

Press ENTER. The current humidity set-point is displayed. After setting the humidity the first time the current set point will alternate with "Hu".

Enter the new set-point with the number keys.

Press ENTER, ENTER, ENTER, ENTER, (the display will cycle through DIF, DAY, and NITE but these settings are not relevant in the humidify mode)