



**Humidifier Control**

## BAYweb Humidifier Control

### Requirements

- BAYweb Advanced Thermostat or BAYweb Professional Thermostat
- Keypad with Humidity sensor option
- Unused W2 output configured for Humidifier Control

### Configuration

- Under the settings menu you will need to configure:  
Humidifier Setting: [ 1 (Low), 2, 3, 4, 5 (High) ]

### Control

- Humidifier can only engage when the Heating Cycle is running.

Our system uses industry standards which utilize the Outside Air Temp along with the selected Humidifier Setting to calculate the Active Humidity set point, the complete table is shown below.

Outside Temp	Humidifier Setting = 1	Humidifier Setting = 2	Humidifier Setting = 3	Humidifier Setting = 4	Humidifier Setting = 5
0	15.0	20.0	25.0	30.0	35.0
5	17.5	22.5	27.5	32.5	37.5
10	20.0	25.0	30.0	35.0	40.0
15	22.5	27.5	32.5	37.5	42.5
20	25.0	30.0	35.0	40.0	45.0
25	27.5	32.5	37.5	42.5	47.5
30	30.0	35.0	40.0	45.0	50.0
35	32.5	37.5	42.5	47.5	50.0
40	35.0	40.0	45.0	50.0	50.0
45	37.5	42.5	47.5	50.0	50.0
50	40.0	45.0	50.0	50.0	50.0

*\*Humidifier Control Set Point Table*