

JouleTemp Control Strategy

Control Requirement: JouleTemp for
Humidity control (Humidifier Control)
Cooling control (cooling output)
Reheat Control (heating output)

Requirements: JouleTemp
Humidity Sensor (Voltage or current loop type both applicable)
Fan/Heater Option Board

Software Setup

- Cooling:**
- Operating Mode in Cooling mode (programming page, AA1 settings)
 - Cooling Setpoint is Setpoint & differential (programming page)
 - Defrosts if applicable
- Heating**
- Setpoint 2(SP2) is Heating Cutin- (programming page, AA1 settings)
 - differential for heating cutout is same as cooling diff.(subtracts from SP2)
 - Output via Option board H1/H2 – set H Relay Function as Heat (SP2) (AA2 settings)
- Humidify**
- Humidity enabled (requires unlock code, enter on Maintenance page (requires serial number displayed)
 - Set Humidity to Humidify (advanced Page, Humidity Settings)
 - Humidifier Cutin/Cutout settings –control limit hi/lo (advanced Page, Humidity Settings)
 - Calibration of Voltage style Sensor –HCH/HCL (advanced Page, Humidity Settings)
 - Humidity alarms Lo & Hi –HAH/HAL (advanced Page, Humidity Settings)
- Temperature Alarms**
- AH/AL,At on programming page