

# Honeywell

LCBS Connect



## Wiring Diagrams

**Honeywell Proprietary**

Tuesday, May 16, 2017

















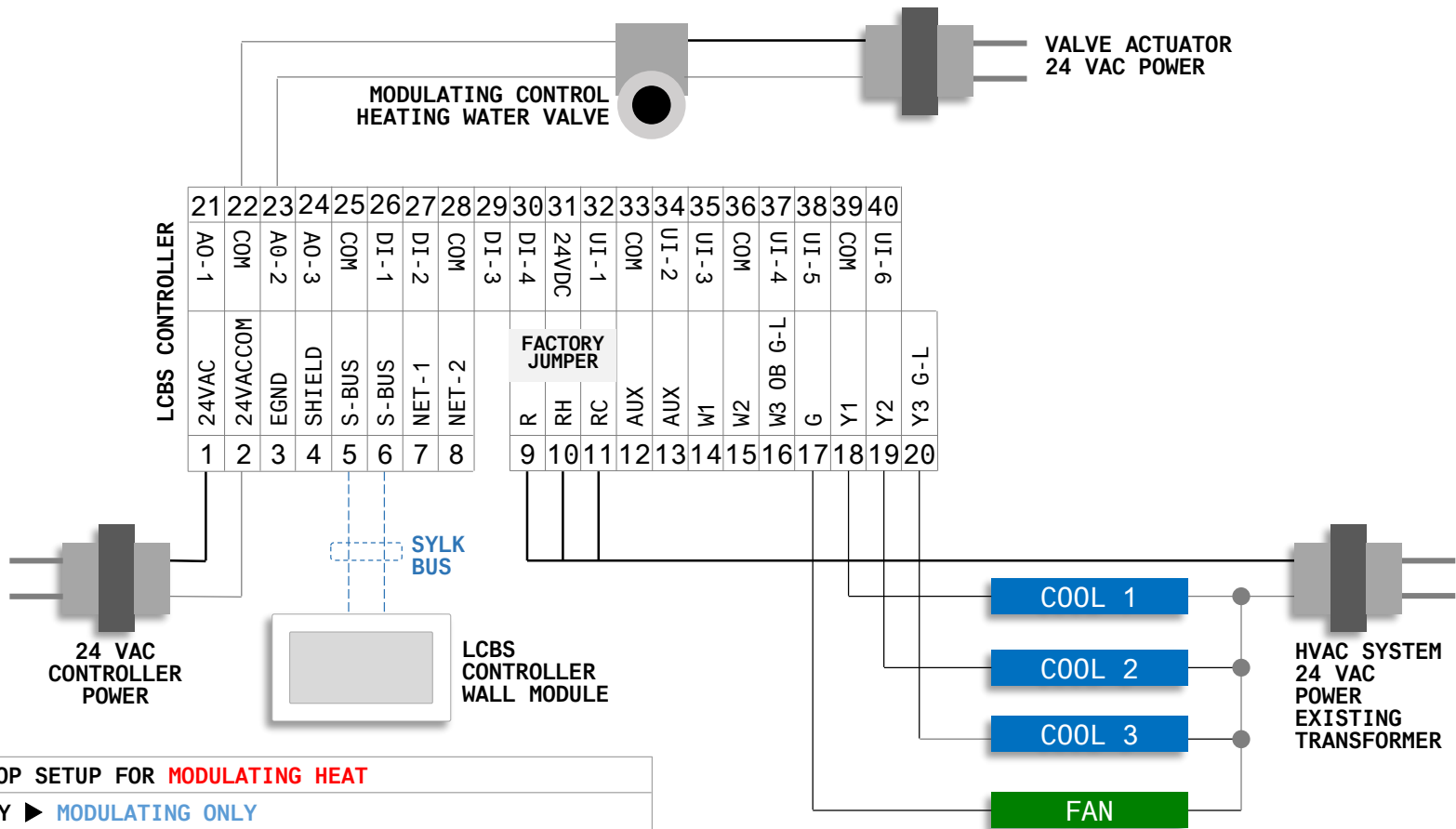








BUILDING NAME	CVAHU RTU NAME	DATE
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- NOTES: ACCESSORY LOOP SETUP FOR MODULATING HEAT**
- CONTROL STRATEGY ► MODULATING ONLY
  - ADVANCE CONFIGURATION ► EQUIPMENT ► SELECT OUTPUT ASSIGNMENTS ► A02 ► ACCESSORY LOOP MODULATING
  - PRIMARY ACCESSORY LOOP SENSOR ► TS120 TEMPERATURE
  - PRIMARY ACCESSORY LOOP SETPOINT ► EFFECTIVE HEATING SETPOINT
  - RESET SCHEDULE ► OPTIONAL
  - DISABLE INPUT LOOP ASSIGNMENT ► OUTDOOR AIR HEATING LOCKOUT (MUST CONFIGURE OA LOCKOUT TEMPERATURE)
  - SCHEDULED OCCUPANCY ► EFFECTIVE OCCUPANCY
  - ACCESSORY LOOP PID ► THROTTLING RANGE 8F INTEGRAL TIMING 1,500 SECONDS OR LEAVE AS IS
  - LOOP ACTION ► REVERSE, HEAT
  - AUXILIARY LOOP ACTION ► OPTIONAL
  - ACCESSORY LOOP MINIMUM ON AND OFF TIMES ► MIN ON 120 SECONDS MIN OFF 120 SECONDS (USE SOMETHING GREATER THAN ACTUATOR SPEED)

- NOTES: ACCESSORY LOOP SETUP FOR STAGED COOLING**
- EQUIPMENT TYPE ► CONVENTIONAL STAGED HEAT/COOL
  - EQUIPMENT STAGES ► HEATING 0 STAGES COOLING THREE STAGES
  - SETPOINTS ► SET HEATING, COOLING OCCUPIED, UNOCCUPIED, STANDBY (OPTIONAL) SETPOINTS.









APPENDIX - MASTER POINTS LIST THOSE IN RED ARE FIXED TO SINGLE INPUT OR OUTPUT DEFINITION

I/O	NAME OF INPUT OUTPUT POINT(S)
UI1	<b>MIXED AIR SENSOR</b>
UI2	OUTDOOR AIR, USER SELECTED MONITOR POINT (20K)
UI3	<b>DISCHARGE AIR SENSOR</b>
UI4	<b>CO2 SENSOR</b>
UI5	FILTER PRESSURE, USER SELECTED MONITOR SENSOR 1 (NEED TO SCALE)
UI6	FILTER PRESSURE, COMPRESSOR CURRENT SENSOR, FAN CURRENT SENSOR, USER SELECTED MONITOR SENSOR 2 (NEED TO SCALE)
DI1	<b>OCCUPANCY, MOTION SENSOR</b>
DI2	<b>PULSE METER</b>
DI3	SHUTDOWN, DIRTY FILTER
DI4	PROOF OF AIRFLOW, USER SELECTED MONITOR SWITCH
A01	<b>ECONOMIZER ACTUATOR</b>
A02	ACCESSORY LOOP MODULATING, ACCESSORY LOOP STAGE (NEED RELAY), ACCESSORY LOOP AUX MODULATING
A03	MULTI-SPEED FAN, ACCESSORY LOOP MODULATING, ACCESSORY LOOP STAGE (NEED RELAY), ACCESSORY LOOP AUX MODULATING
D01	OCCUPANCY, ECONOMIZER POWER, SIMPLE DEHUMIFICATION, ACCESSORY LOOP STAGE, ACCESSORY LOOP AUX CONTROL POINT
D02	<b>HEAT 1</b>
D03	<b>HEAT 2</b>
D04	HEAT 3, REVERSING VALVE O OR B, LOW SPEED FAN
D05	<b>SUPPLY FAN</b>
D06	<b>COOL 1</b>
D07	<b>COOL 2</b>
D08	COOL 3, LOW SPEED FAN