DISPLAY INFORMATION

BLUE TEXT APPLIES ONLY TO HEAT PUMP EQUIPMENT (DIP SWITCH #1)



FAN (ONLY)



COOLING (1 st STAGE)



COOLING (2nd STAGE)



HEATING (1 st STAGE)



HEATING 2nd STAGE)



AUXILIARY HEAT



EMERGENCY HEAT



PURGE CHANGEOVER



DELAY

EQUIPMENT OUTPUT

*NOTE: "O" WILL ENERGIZE FOR HEAT G

PUMP IF DIP SWITCH

Y1

Y2

G

O*

G

CONTROL AUX HEAT (WILL NOT

AUTOMATICALLY STAGE)

3 MINUTE MINIMUM

DURING DELAY ALL

DAMPERS OPEN

OFF TIME FOR

FOUIPMENT

TIMING IF NO TEMP SENSOR INSTALLED, STAGING WILL BE BASED ON

STAGE

TEMP

SENSOR

TEMP **LIMITS**

BLINK = NO TEMP

SENSOR

SENSOR

CONNECTED

CONNECTED

OPTIONAL SUPPLY TEMP SENSOR (ASAS) REQUIRED FOR SMART-STAGING & EQUIPMENT LIMITS

CUT OUT: SUPPLY TEMP < LOW TEMP

CUT IN: SUPPLY TEMP > LOW TEMP + 10° CUT OUT: SUPPLY TEMP < LOW TEMP + 4°

GAS/ELECT **HEAT PUMP** CUT OUT: ** NOTE: "B" WILL Y1 SUPPLY TEMP > **ENERGIZE FOR HEAT** HI TEMP G G PUMP IF DIP SWITCH B** #2 SFT TO "R"

GAS/ELECT **HEAT PUMP** GAS/ELECT SUPPLY TEMP < W1 Υ1 HI TEMP - 25° W2 Y2 G G CUT OUT: SUPPLY TEMP > HI TEMP - 10°

CUT IN: HEAT PUMP SUPPLY TEMP < HI TEMP - 15° CUT OUT: SUPPLY TEMP > **DUAL FUEL** I NORMAL HI TEMP - 5° 1 Y1 W1 Y2 G W1 ****NOTE: FOR DUAL

FUEL "CUT OUT" WILL BE GAS/ELECTRIC HI TEMP ***NOTE: WHEN NO TEMP SENSOR IS INSTALLED, ZONE 1 & 2 THERMOSTATS

AFTER 2ND STAGE***

CUT IN: SUPPLY TEMP <

CUT OUT****: SUPPLY TEMP >

EMERGENCY HEAT CAN ONLY BE OPERATED BY A HEAT PUMP THERMOSTAT CONNECTED TO THE ZONE 1 THERMOSTAT "W" TERMINAL. WHEN ZONE 1 THERMOSTAT CALLS FOR EMER. HEAT, THE SMARTZONE SYSTEM WILL BE LOCKED INTO EMERGENCY HEAT

WHEN IN EMERGENCY HEAT, THE COMPRESSOR WILL NOT ENERGIZE. HEATING CALL FROM ZONE 2 WILL BE TREATED BY THE SMARTZONE SYSTEM AS EMER. HEAT TO THE EQUIPMENT (INCLUDING W OR Y CALL FROM ZONE 2) AND COOLING CALLS FROM ZONE 2 WILL BE IGNORED

TO UNLOCK EMER. HEAT, MAKE A CALL FOR COMPRESSOR (NORMAL HEAT OR COOLING) CALL ON ZONE

PRESS THE BUTTON TO SEE "LE H" SCROLL ON THE DISPLAY (LOCKED EMERGENCY HEAT) BEFOR THERMOSTAT MODES & SUPPLY TEMP

IF EACH ZONE THERMOSTAT IS CALLING FOR A DIFFERENT MODE (HEAT & COOL), SMARTZONE-2L WILL INITIATE A PURGE/CHANGEOVER AFTER 15 MINUTES OF CONTINUOUS RUN TIME IN ONE MODE. DURING PURGE (3 MINUTES), THE EQUIPMENT FAN (G) WILL RUN AND THE LAST CALLING ZONE DAMPERS WILL REMAIN OPEN. AFTER THE PURGE, THE EQUIPMENT WILL ENERGIZE IN THE NEW MODE AND THE CORRECT DAMPERS WILL OPEN AND CLOSE. THIS WILL OCCUR **EVERY 15 MINUTES UNTIL CALLS ARE SATISFIED**

TEMPERATURE LIMIT

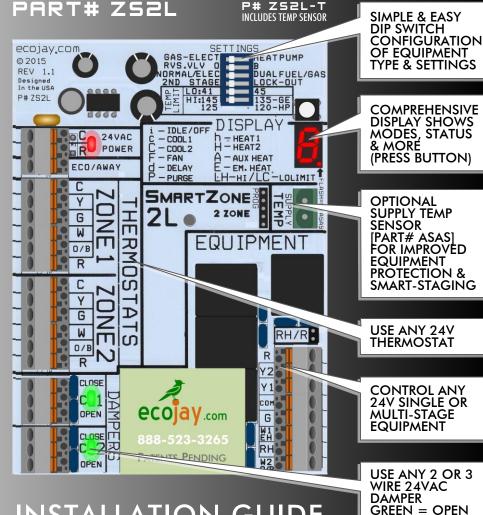


LO TEMP (COOL LIMIT)



SMARTZONE-2 UNIVERSAL 2-ZONE

GAS / ELECT • HEAT PUMP DUAL FUEL **3** STAGE HEAT STAGE COOL



INSTALLATION GUIDE

ecojay.com

888-523-3265

ONTROL

