



TSS Associates, Inc.



For further assistance, please contact
Ecobee directly for Tech Support

1-877-932-6233

ecobee5
Smart

RC
RH
G
C
W1
W2
Y1
Y2
O/B
ACC+
ACC-
PEK

BVA20

R
G
C
W1
W2
Y1
Y2
B
DH

BOVA/B

C
W
Y
B

DO **NOT** JUMPER RC and RH,
ecobee does this automatically

ecobee automatically
connects Rc to ACC- when 1-
wire configuration is selcted
during accessor setup

NOTES:

ACC+/- = Accessory: Dehumidifier, humidifier, ventilators, HRV, or ERV
PEK = Power Extender Kit = if there is no Common wire

TSS Associates, Inc.

DESCRIPTION

IDS Plus/Premium w/ Electric Heat Back-up & ecobee5

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PARAMETERS:

- >> Transformer > **YES, ONLY Rc IS CONNECTED**
- >> Configuration > Make sure highlighted icons correspond with wires installed
- >> Equipment > **HEAT PUMP > AIR TO AIR**
- >> O/B Reversing Valve > **ON HEAT**
- >> Allow Heat Pump and Aux Heat to run simultaneously > **ENABLE**
- >> Compressor Minimum Outdoor Temperature > **10°F**
- >> Type of heating > **FURNACE**
- >> How do you want your fan to be controlled > **BY THERMOSTAT**

↳ **MAIN MENU > SETTINGS > INSTALLATION SETTINGS (ADVANCED OPTIONS) > THRESHOLDS:**

- >> Threshold Staging > **AUTOMATIC**
- >> Aux Savings Optimization > **SUPER (2°F DROOP)**
- >> Auto Heat/Cool > **AUTO**
- >> Heat/Cool Minimum Delta > **5°F**
- >> Compressor Minimum Cycle Off Time > **0 SEC**
- >> Compressor Stage 2 Temperature Delta > **1°F**
- >> Compressor Reverse Staging > **ENABLE**
- >> Aux Heat Max Outdoor Temperature > **40°F**
- >> Compressor to Aux Temperature Delta [droop] > **2°F**
- >> Compressor to Aux Runtime > **AUTO** (factory default, adjust if receiving many “Aux heat running” alerts)
- >> Aux Stage 2 Temperature Delta > **1°F**
- >> Aux Reverse Staging > **ENABLE**

↳ **MAIN MENU > SETTINGS > INSTALLATION SETTINGS (ADVANCED OPTIONS) > EQUIPMENT > DEHUMIDIFIER:**

- >> Dehumidify with Fan > **YES**
- >> Min Runtime Delta > **5%**
- >> Dehumidify in Heat Mode > **NO**
- >> Dehumidifier Active > **CLOSED**

↳ *To set desired humidity percentage* > **MAIN MENU > SYSTEM > DEHUMIDIFIER:**

- >> Dehumidifier > **ON**
- >> Preferred humidity level > **60%**

NOTES:

Auxiliary/Emergency heat is Electric-strip installed in AHU. Some form of back-up heat is highly recommended to be installed.

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