



TSS Associates, Inc.



For further assistance, please contact
Ecobee directly for Tech Support

1-877-932-6233

ecobee
Smart Premium

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

R
W
ZONE
RELAY
CONTROL

M20
AIR HANDLER

R
G
C
W1
W2
Y1
Y2
B
DH

M15
M18
M20

C
W
Y
B

DO NOT JUMPER RC AND RH

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

NOTES:

For use with a boiler feeding baseboard or radiators as auxiliary heat

ACC+/- = Accessory: Dehumidifier, humidifier, ventilators, HRV, or ERV

PEK = Power Extender Kit = if there is no Common wire

TSS Associates, Inc.

DESCRIPTION

ECOBEE SMART – BOSCH IDS – M20 AHU – BOILER BACK-UP

DATE: 1/2/2024

PAGE: 2 of 3

PARAMETERS:

- >> Transformer > **NO, BOTH Rc AND Rh ARE 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 > **WHATEVER TEMPERATURE IS DESIRED BASED UPON HOMEOWNER COMFORT AND ENERGY COSTS**

- >> Type of heating > **BOILER**
- >> How do you want your fan to be controlled > **BY EQUIPMENT**

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

- >> Threshold Staging > **MANUAL**
- >> Auto Heat/Cool > **DISABLE**
- >> Compressor Stage 2 Temperature Delta > **1°F**
- >> Compressor Reverse Staging > **DISABLE**
- >> Aux Heat Max Outdoor Temperature > **WHATEVER TEMPERATURE IS DESIRED**
- >> Compressor to Aux Temperature Delta [droop] > **3°F**
- >> Compressor to Aux Runtime > **DISABLE**

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

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

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

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

NOTES:

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DESCRIPTION

ECOBEE SMART – BOSCH IDS – M20 AHU – BOILER BACK-UP

DATE: 11/10/2023

PAGE: 3 of 3