



# Tech Tip

## November 2025

### Odyssey/Symbio MODBUS

The biggest pain point we hear when installing Odyssey equipment with Symbio is running Twisted Shielded cable for MODBUS communication to operate the blower with VFD. This was required when installing the *TWE\*\*\*\*\*D\*\** air handler.

The *TWE\*\*\*\*\*C\*\** two speed air handler **does not** require this communication wire as MODBUS is not used for blower operation. Using this air handler simplifies the installation wiring, and configuration tremendously.

All is not lost if you find yourself with an air handler that requires MODBUS wiring and you have no path to pull Twisted Shielded Cable from the OD unit.

There is a harness available to convert the TWE "D" to a TWE "C" air handler.

Also have a 6 minute video in **FieldtechHelp.com** for visual learners.

1. Need Part numbers to the right →
2. Wire according to diagram provided
3. Make changes in VFD program listed with diagram
4. Configure system in Symbio APP as a TWE "C" air handler from Wiring and Start-up Instructions.



FieldTechHelp:  
Odyssey Symbio  
Air Handler with  
a 24-volt  
Outdoor Unit

6 Minutes

Video

**FTH: Odyssey Symbio Air  
Handler with a 24-volt Outdoor  
Unit (TR-150 Programming)**

Play



R410a - BAYWRKT510A

R454b - WIR13328



Field Service Representative Contact

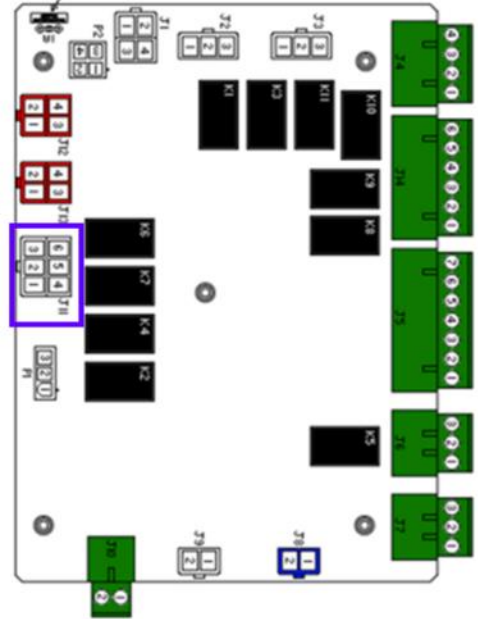


R410a - BAYWRKT510A

R454b - WIR13328



PPF53



- a. Change 3-15 from [11] Local Bus reference to [1] Analog Input 53
- b. Change 5-10 from [0] No Operation to [8] Start
- c. Change 5-12 from [0] No Operation to [2] Coast Inverse
- d. Change 8-01 from [2] Control Word Only to [0] Digital and Control Word
- e. Change 8-02 from [1] FC Port to [0] None
- f. Verify 4-12 is set to 25 HZ
- g. Verify 4-14 is set to 60 HZ
- h. Verify 6-10 is set to 0.07V
- i. Verify 6-11 is set to 10.00V
- j. Verify 6-14 is set to 25 HZ
- k. Verify 6-15 is set to 60 HZ



FieldTechTalk:  
Odyssey Split-  
Systems with  
Symbio 700  
Controls

1 Hour

Recorded Webinar

**FTT: Odyssey Split-Systems  
with Symbio 700 Controls -  
Wiring, Configuration, and  
Startup**

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