



**INSTALLATION INSTRUCTIONS  
FOR  
P.C. BOARD REPLACEMENT KIT  
6636A3209**

**6795-3201, 6795A3201 AND 6636-320  
CHANGES TO 6535C320  
P.C. BOARD**

**RV Products  
A Division of Airxcel, Inc.  
P.O. Box 4020  
Wichita, KS 67204**

The 6535C320 p.c. board takes place of the 6795-320 and 6795A320 and 6636-320 p.c. boards. Most wire connections are on different places on the new board, and some wires will be discarded while others will be added.

Please review which p.c. board you are removing and mark the wires accordingly.

Enclosed with the kit are wires you will need (though you may not use all of them) and instructions for the changeouts. There are also pictures of the p.c. boards to help with the wiring changes and a wiring diagram of the finished product.

If you have any questions, feel free to contact us at 316-832-4357 Monday through Friday, 8 am to 5 pm Central Time.

The Green LED indicator flash codes:

- - - - System Normal
- — — — Delay on Break Timer Running
- --- --- ID Freeze Temp. Out of Range
- ---- ---- AC1 Line Voltage Out of Range

Red LED = 7 Is ON if AC2 voltage is in Range and Stage 2 is calling.

**Instructions For Changing From  
P.C. Board 6795-320 And 6795A320  
To Kit 6636A3209**

<b>If You Have Board 6795-3201 Or 6795A3201</b>	<b>Changes To</b>	<b>New Board Number 6535C3201</b>
T3B		Comp 2 Coil Blue
T10		Comp 2 Coil Orange
T3A		Comp 1 Coil Blue
T2		Comp 1 Coil Yellow
*Indoor Blower Red Wire Off Relay		Indoor Blower Low Terminal
T1 AC-1 Bk		AC1
*Indoor Blower Black Wire Off Relay		Indoor Blower High Terminal
T11 Blower Low		Outdoor Blower Low
T12 Blower High		Outdoor Blower High
Not Used		Rev. Valve #1 Not Used
Not Used		Rev. Valve #2 Not Used
T5 AC-1w		AC1 White
T8 AC-2w		AC2 White
T13 Blower Common		Outdoor Blower Common
T4 Comp #1	Discard	Not Used
T9 Comp #2	Discard	Not Used
Not Used	New	AC2 - Need To Add Orange Wire To High Voltage Terminal Board Circuit Board Black
		Outdoor Sensor 1 - Not Used
		Outdoor Sensor 2 - Not Used
T14 Thermistor		Indoor Sensor 1
T15 Thermistor		Indoor Sensor 2
ID High Blower		Indoor Blower High
Blower High		Outdoor Blower High

\* Cut and strip wire and wire nut to red and black wires supplied

## Instructions For Changing From

### P.C. Board 6636-320

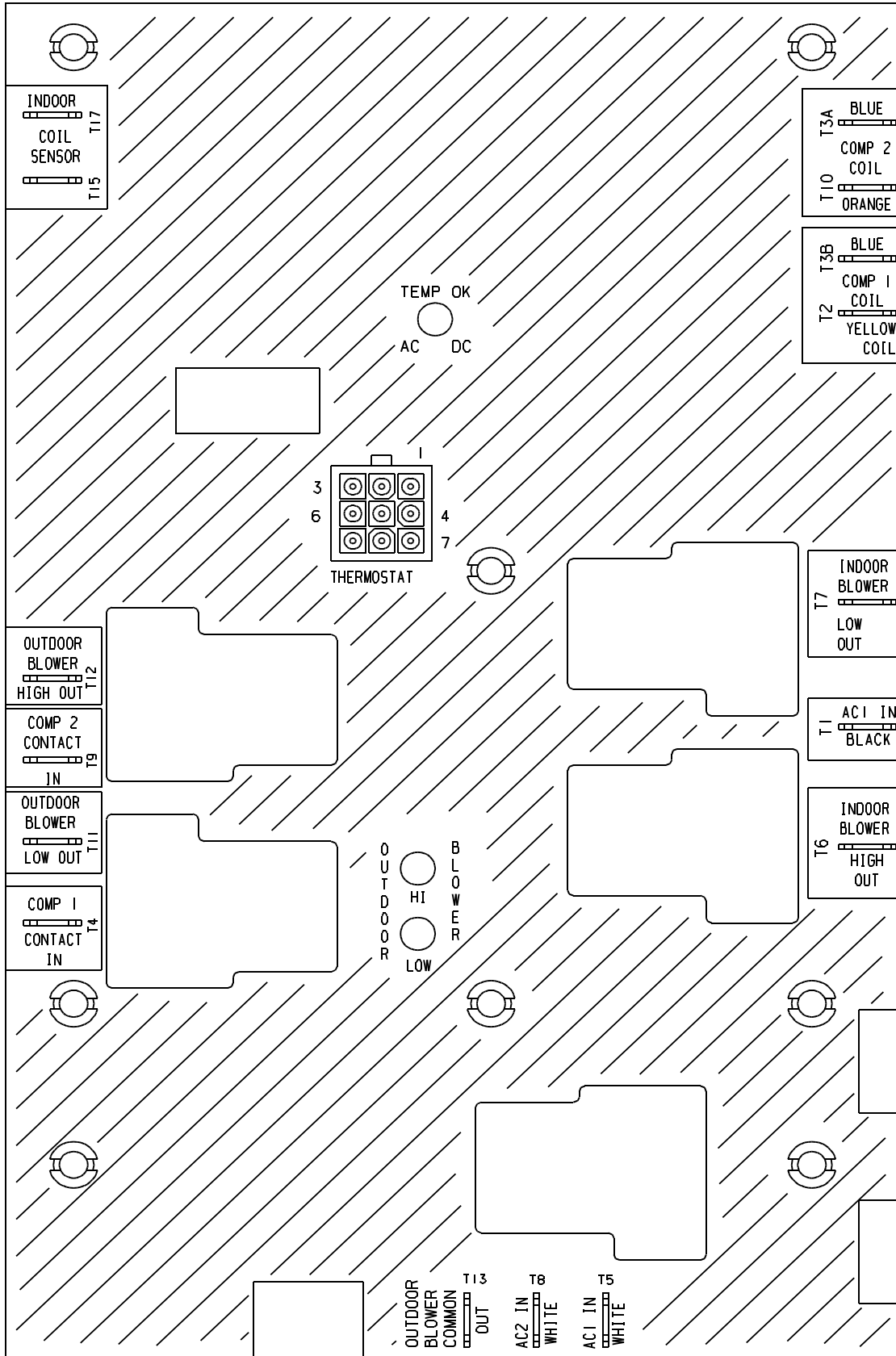
### To Kit 6636A3209

If You Have Board 6636-3201	Changes To	New Board 6535C3201
T3A Blue		Comp 2 Coil Blue
T10 Orange		Comp 2 Coil Orange
T3B Blue		Comp 1 Coil Blue
T2 Yellow		Comp 1 Coil Yellow
T7 Indoor Blower Low Out Terminal		Indoor Blower Low Terminal
T1 AC1 In Black		AC1
T6 Indoor Blower Low Out Terminal		Indoor Blower High Terminal
T11 Outdoor Blower Low Out		Outdoor Blower Low
T12 Outdoor Blower High Out		Outdoor Blower High
Not Used		Rev. Valve #1 Not Used
Not Used		Rev. Valve #2 Not Used
T5 AC1 In White		AC1 White
T8 AC2 In White		AC2 White
T13 Outdoor Blower Common Out		Outdoor Blower Common
T4 Comp 1 Contact In - Move Black Compressor Wire To Compressor #1 Relay Terminal #2	Remove And Discard Black Wire From T4 To Compressor Relay #1 On Terminal #2	Not used
T9 Comp 2 Contact In - Move Orange Compressor Wire To Compressor #2 Contactor on Terminal #2	Remove And Discard Orange Wire From T9 To Compressor Relay #2 On Terminal #2	Not Used
Not Used	New Orange Wire From High Voltage Terminal Board Circuit 2 Black	AC2
		Outdoor Sensor 1 - Not Used
		Outdoor Sensor 2 - Not Used
T15 Indoor Coil Sensor		Indoor Coil Sensor 1
T17 Indoor Coil Sensor		Indoor Coil Sensor 2
Indoor Blower Low Out		Indoor Blower Low

\*Cut and strip wire and wire nut to red and black wires supplied



6636-3201



# 6535C320

