



	Factory	Field	Optional
High Voltage		-----	-----
Low Voltage		-----	-----

Dehum. Series 3 KW Electric Heat

Heat Strip #1

Heat Strip #2

Limit Switch

Limit Switch

Blower Interlock Relay

Heater Contactor #1

Heater Contactor #2

208/230-60-3
220/240-50-3
Per Nameplate

Circuit Breaker

To Power Source

Ground Lug

Line 3

Line 2

Line 1

Ground

Yellow

Black

Red

Blue

Orange

Black/White

Brown

Blue

Orange

Black/White

Brown

Red

Black

Yellow

Green

Indoor Blower Motor

Plug #3

Plug #1 (R Vent Opt. Only)

Red

Black

Yellow/Red

Compressor Contactor

Relay Logic Board

Control Relay #1

Pressure Lockout Indicator

Transformer

Phase Monitor

Comp. Control Module

Factory set to 2 min.

High Pressure Switch

Low Pressure Switch

3 Way Valve

Upper Control Panel

Lower Control Panel

Condenser Section

Temp. and Humidity
Controller
PART #8403-060

	Plug #2
(Y/O)	1
(A)	2
(G)	3
(V1)	4
(V1E)	5
(V2)	6
(R)	7
(C)	8
	9
	10
	11
	12

Purple/White — 4
Brown/White — 5
Orange — 6
Yellow — 7
Blue — 8
Brown — 9
Red/White — 10
Black/White — 11

Temp. and Humidity Controller
PART #8403-060

Plug #2

Component	Plug Pin
GYE Purple/White	1
Brown/White	2
	3
	4
	5
G Orange	6
Y1 Yellow	7
W1/B Blue	8
W2 Brown	9
R Red/White	10
C Black/White	11
L Pink	12

4102-073

[illegible]

H200 Humidistat

8403-058 TH5220D151 Thermostat

Low Voltage Term. Block

Plug #2

Wiring connections shown:

- Humidistat 6 to Blue
- Humidistat 5 to Red/White
- Humidistat 3 to Purple/White
- Humidistat 4 to Brown/White
- Thermostat G to Orange
- Thermostat Y to Yellow
- Thermostat W to Blue
- Thermostat W2 to Brown
- Thermostat R to Red/White
- Thermostat C to Black/White
- Thermostat RC to Black/White

Factory Installed Jumper: Triangle with 1 between W and W2 on the thermostat.

Note: Remove for 2 stage electronic heat on 15 KW models.

4102-072 A

CO2 Controller
Part #8403-056

24VAC

Analog Out

Red

Black

Yellow

Brown

Orange

Green

Plug #2

1

2

3

4

5

6

7

8

9

10

11

12

Temp. and Humidity
Controller
Part #8403-060

B/Y/O

A

G

Y1

W1/E

W2

R

C

Purple/White

Orange

Yellow

Blue

Brown

Red/White

Black/White

Black/White

Red/White

4102-075

-  Labeled wires connect if no options used.
-  Move Red wire to 208V tap for 208V operation.
-  Install jumper for hi speed blower oper. on models 36, 42, 48, and 60.
-  Remove jumper when Low Amb. Bypass is installed.
-  Remove jumper when CS2000A Energy Monitor is installed.