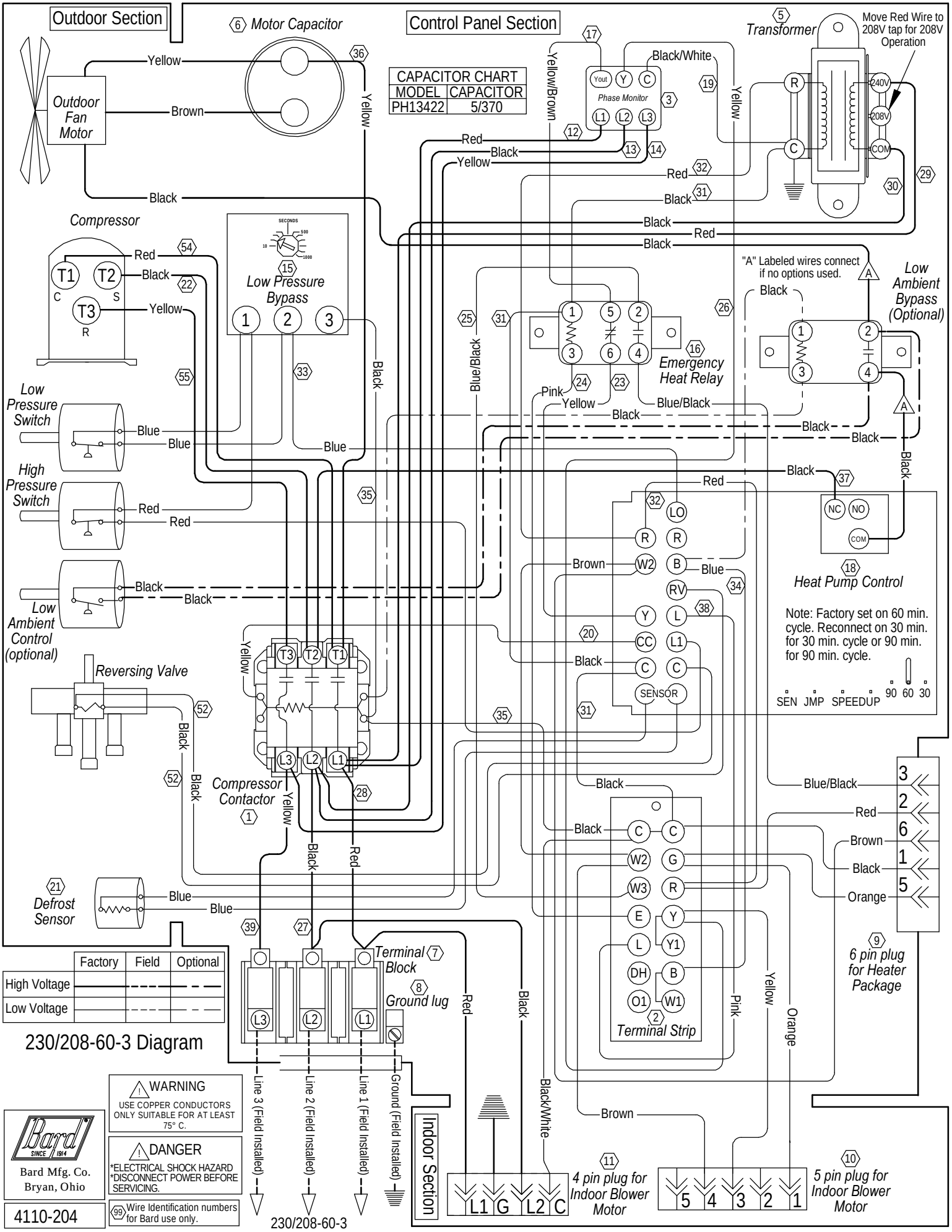
Outdoor Section
Control Panel Section
Outdoor Fan Motor
Yellow
Brown
Black
6 Motor Capacitor
36
Yellow
CAPACITOR CHART
MODEL | CAPACITOR
PH13422 | 5/370
17
Yellow/Brown
Black/White
Yout Y C
Phase Monitor
3
12
13
14
L1 L2 L3
Red
Black
Yellow
19
Yellow
5 Transformer
Move Red Wire to 208V tap for 208V Operation
R
C
240V
208V
COM
29
30
Red
32
Black
31
Black
Red
Black
Compressor
T1 T2 T3
C S R
Red
Black
Yellow
54
22
55
SECONDS
15
Low Pressure Bypass
1 2 3
33
Black
25
31
Blue/Black
1 5 2
3 6 4
16
Emergency Heat Relay
24
23
Pink
Yellow
Blue/Black
26
"A" Labeled wires connect if no options used.
A
Black
Low Ambient Bypass (Optional)
1 2
3 4
A
Black
Black
Black
Low Pressure Switch
Blue
Blue
Blue
High Pressure Switch
Red
Red
Black
Black
Low Ambient Control (optional)
35
Black
37
NC NO
COM
18
Heat Pump Control
Note: Factory set on 60 min. cycle. Reconnect on 30 min. for 30 min. cycle or 90 min. for 90 min. cycle.
SEN JMP SPEEDUP
90 60 30
Red
32
LO
R R
Brown
W2
B
Blue
RV
34
Y
L
38
CC
L1
20
Black
C
C
SENSOR
31
Reversing Valve
52
Black
52
Black
Yellow
T3 T2 T1
L3 L2 L1
Compressor Contactor
1
28
35
Black
Blue/Black
3
2
Red
6
Brown
1
Black
5
Orange
9
6 pin plug for Heater Package
21
Defrost Sensor
Blue
Blue
39
27
Terminal Block
7
8
Ground lug
L3 L2 L1
Red
Black
Black
C C
W2 G
W3 R
E Y
L Y1
DH B
O1 W1
2
Terminal Strip
Pink
Yellow
Orange
Brown
Black/White
Factory | Field | Optional
High Voltage
Low Voltage
230/208-60-3 Diagram
WARNING
USE COPPER CONDUCTORS ONLY SUITABLE FOR AT LEAST 75° C.
DANGER
*ELECTRICAL SHOCK HAZARD
*DISCONNECT POWER BEFORE SERVICING.
99 Wire Identification numbers for Bard use only.
Bard SINCE 1914
Bard Mfg. Co.
Bryan, Ohio
4110-204
Line 3 (Field Installed)
Line 2 (Field Installed)
Line 1 (Field Installed)
Ground (Field Installed)
230/208-60-3
Indoor Section
L1 G L2 C
11
4 pin plug for Indoor Blower Motor
5 4 3 2 1
10
5 pin plug for Indoor Blower Motor