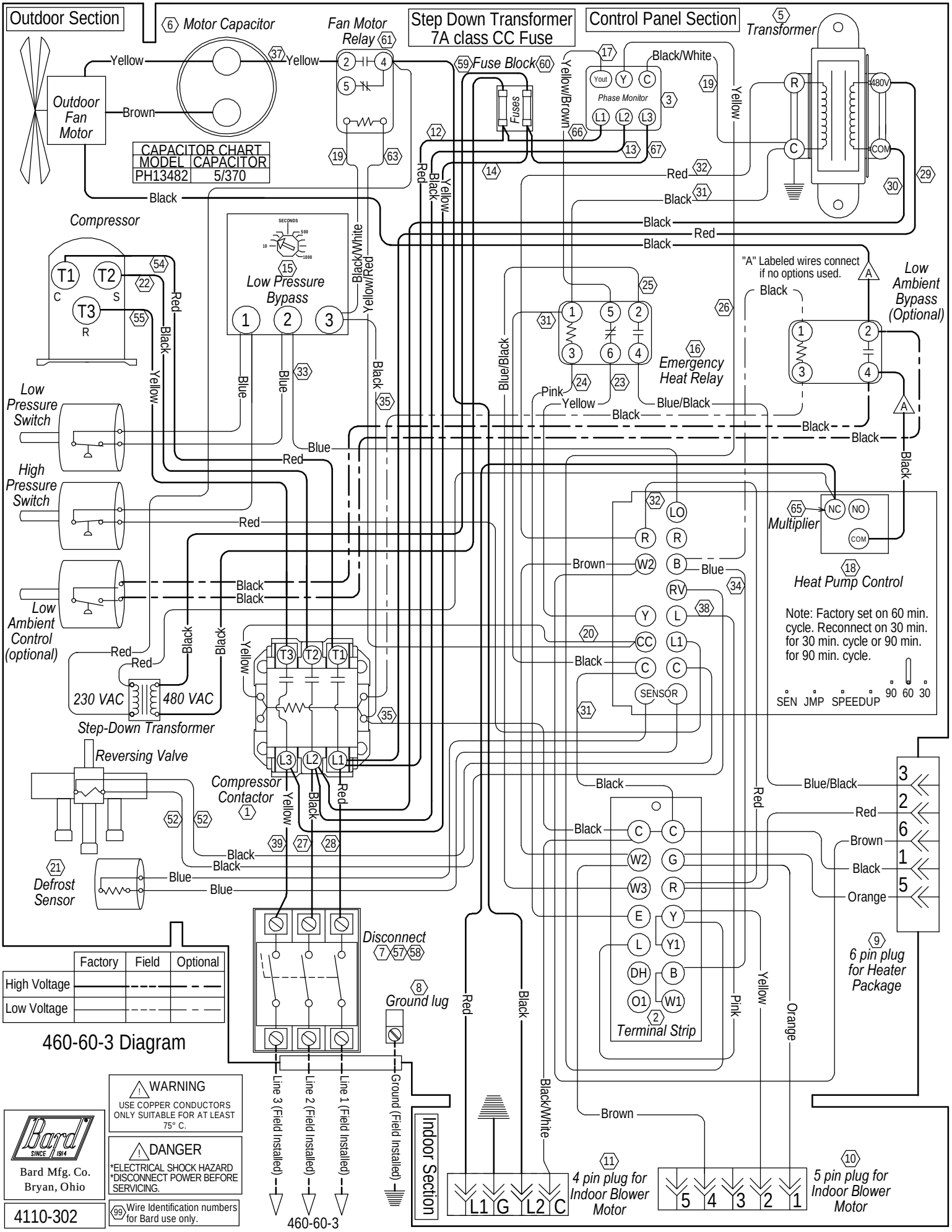
Outdoor Section
6 Motor Capacitor
Fan Motor Relay 61
Step Down Transformer 7A class CC Fuse
Control Panel Section
5 Transformer
Outdoor Fan Motor
Yellow
Brown
37
Yellow
CAPACITOR CHART
MODEL CAPACITOR
PH13482 5/370
59 Fuse Block 60
Fuses
Yellow/Brown
66
17
Yout Y C
Phase Monitor
3
L1 L2 L3
13
67
Black/White
19
Yellow
R
C
480V
COM
29
30
12
14
Red
32
Black
31
Black
Red
Black
Compressor
T1 T2 C S T3 R
54
22
55
Red
Black
Yellow
SECONDS
15
Low Pressure Bypass
1 2 3
Black/White
Yellow/Red
Blue
33
Blue
Black
35
"A" Labeled wires connect if no options used.
A
Low Ambient Bypass (Optional)
25
26
Black
31
1 5 2
3 6 4
16
Emergency Heat Relay
Blue/Black
24
23
Pink
Yellow
Blue/Black
Black
Black
Black
Low Pressure Switch
Blue
Red
High Pressure Switch
Red
Low Ambient Control (optional)
Black
Black
Red
Red
Black
Black
Yellow
230 VAC
480 VAC
Step-Down Transformer
T3 T2 T1
35
L3 L2 L1
Reversing Valve
Compressor Contactor 1
Yellow
Black
Red
52
52
39
27
28
Black
Black
21
Defrost Sensor
Blue
Blue
32
LO
R
R
Brown
W2
B
Blue
RV
34
Y
L
38
20
CC
L1
Black
C
C
SENSOR
31
65
NC
NO
COM
Multiplier
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
Black
Red
Blue/Black
Red
Brown
Black
Orange
3
2
6
1
5
9
6 pin plug for Heater Package
Black
C C
W2 G
W3 R
E Y
L Y1
DH B
O1 W1
2
Terminal Strip
Pink
Yellow
Orange
Brown
Black/White
Disconnect
7 57 58
8
Ground lug
Red
Black
Factory Field Optional
High Voltage
Low Voltage
460-60-3 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
4110-302
Line 3 (Field Installed)
Line 2 (Field Installed)
Line 1 (Field Installed)
Ground (Field Installed)
460-60-3
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