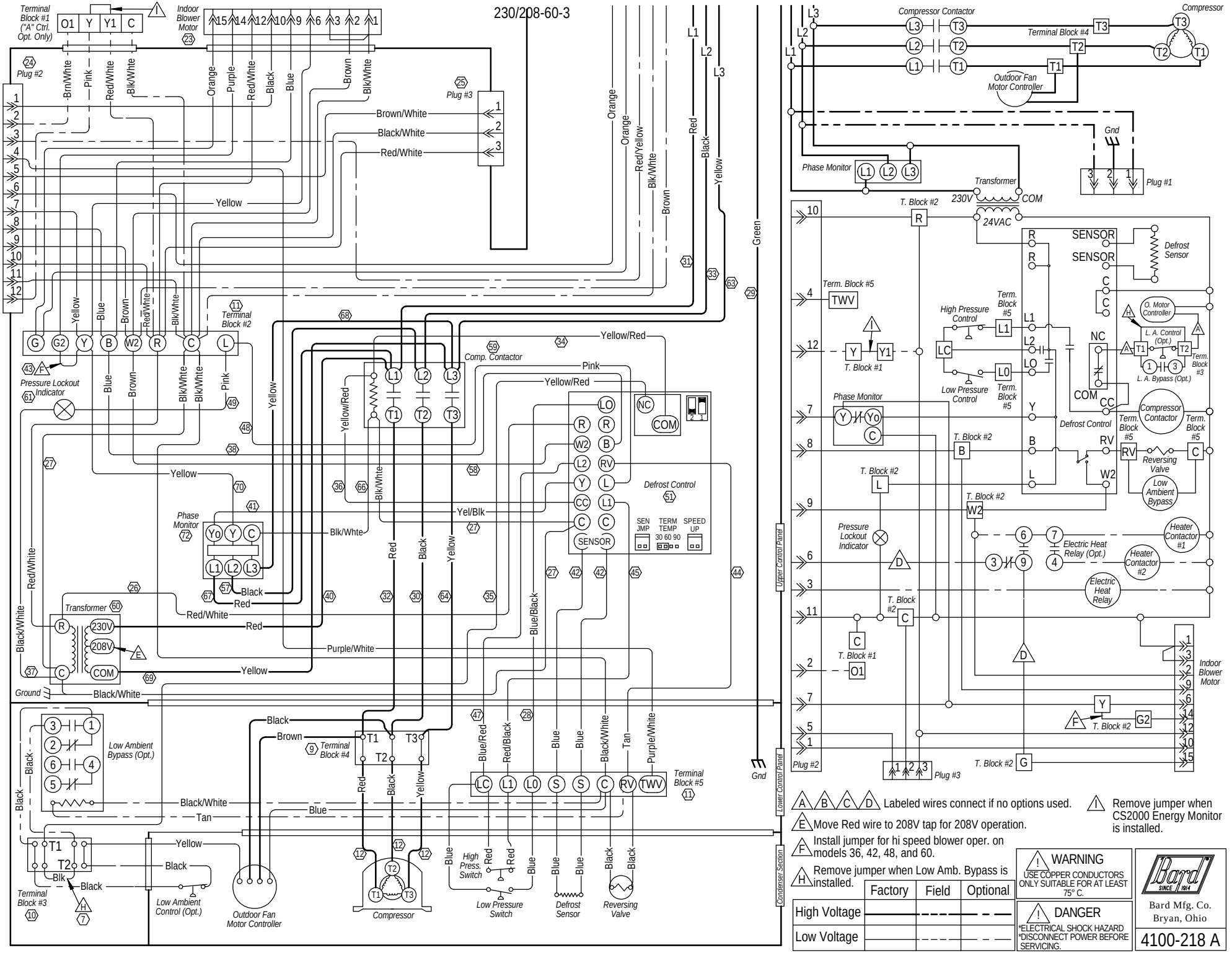
230/208-60-3
Terminal Block #1 ("A" Ctrl. Opt. Only)
O1 Y Y1 C
Indoor Blower Motor
15 14 12 10 9 6 3 2 1
Plug #2
Plug #3
Brn/White
Pink
Red/White
Blk/White
Orange
Purple
Red/White
Black
Blue
Brown
Blk/White
Brown/White
Black/White
Red/White
Yellow
Orange
Red/Yellow
Blk/White
Brown
Red
Black
Yellow
Green
Gnd
Terminal Block #2
G G2 Y B W2 R C L
Pressure Lockout Indicator
Comp. Contactor
L1 L2 L3
T1 T2 T3
Yellow/Red
Pink
Yellow/Red
Yellow
Blk/White
Red
Black
Yellow
Blue/Black
Red/White
Yel/Blk
Phase Monitor
Yo Y C
Defrost Control
LO R W2 L2 Y CC C SENSOR
NC COM
R RV L L1 C
SEN JMP
TERM TEMP 30 60 90
SPEED UP
Transformer
R 230V 208V C COM
Red/White
Red
Purple/White
Yellow
Black/White
Ground
Black/White
Low Ambient Bypass (Opt.)
Black
Brown
Terminal Block #4
T1 T2 T3
Blue/Red
Red/Black
Blue
Blue
Black/White
Tan
Purple/White
Terminal Block #5
LC L1 L0 S S C RV TWV
Black/White
Blue
Tan
Yellow
Black
Blk
Terminal Block #3
Low Ambient Control (Opt.)
Outdoor Fan Motor Controller
Compressor
High Press. Switch
Low Pressure Switch
Defrost Sensor
Reversing Valve
Upper Control Panel
Lower Control Panel
Condenser Section
Compressor Contactor
Compressor
Terminal Block #4
Outdoor Fan Motor Controller
Gnd
Phase Monitor
Transformer
230V COM
24VAC
Plug #1
T. Block #2
Term. Block #5
TWV
T. Block #1
Y Y1
High Pressure Control
Low Pressure Control
LC L0
L1 L2 LO
NC COM
Defrost Control
Phase Monitor
Y Yo C
T. Block #2
B
L
W2
Pressure Lockout Indicator
D
T. Block #1
O1
C
T. Block #2
R SENSOR
R SENSOR
Defrost Sensor
C C
O. Motor Controller
L. A. Control (Opt.)
L. A. Bypass (Opt.)
Term. Block #3
Compressor Contactor
Term. Block #5
RV
Reversing Valve
Low Ambient Bypass
Heater Contactor #1
Heater Contactor #2
Electric Heat Relay (Opt.)
Electric Heat Relay
Indoor Blower Motor
F
G2
G
Plug #2
Plug #3
A B C D Labeled wires connect if no options used.
E Move Red wire to 208V tap for 208V operation.
F Install jumper for hi speed blower oper. on models 36, 42, 48, and 60.
H Remove jumper when Low Amb. Bypass is installed.
Remove jumper when CS2000 Energy Monitor is installed.
WARNING
USE COPPER CONDUCTORS ONLY SUITABLE FOR AT LEAST 75° C.
DANGER
*ELECTRICAL SHOCK HAZARD
*DISCONNECT POWER BEFORE SERVICING.
Factory
Field
Optional
High Voltage
Low Voltage
Bard SINCE 1914
Bard Mfg. Co.
Bryan, Ohio
4100-218 A