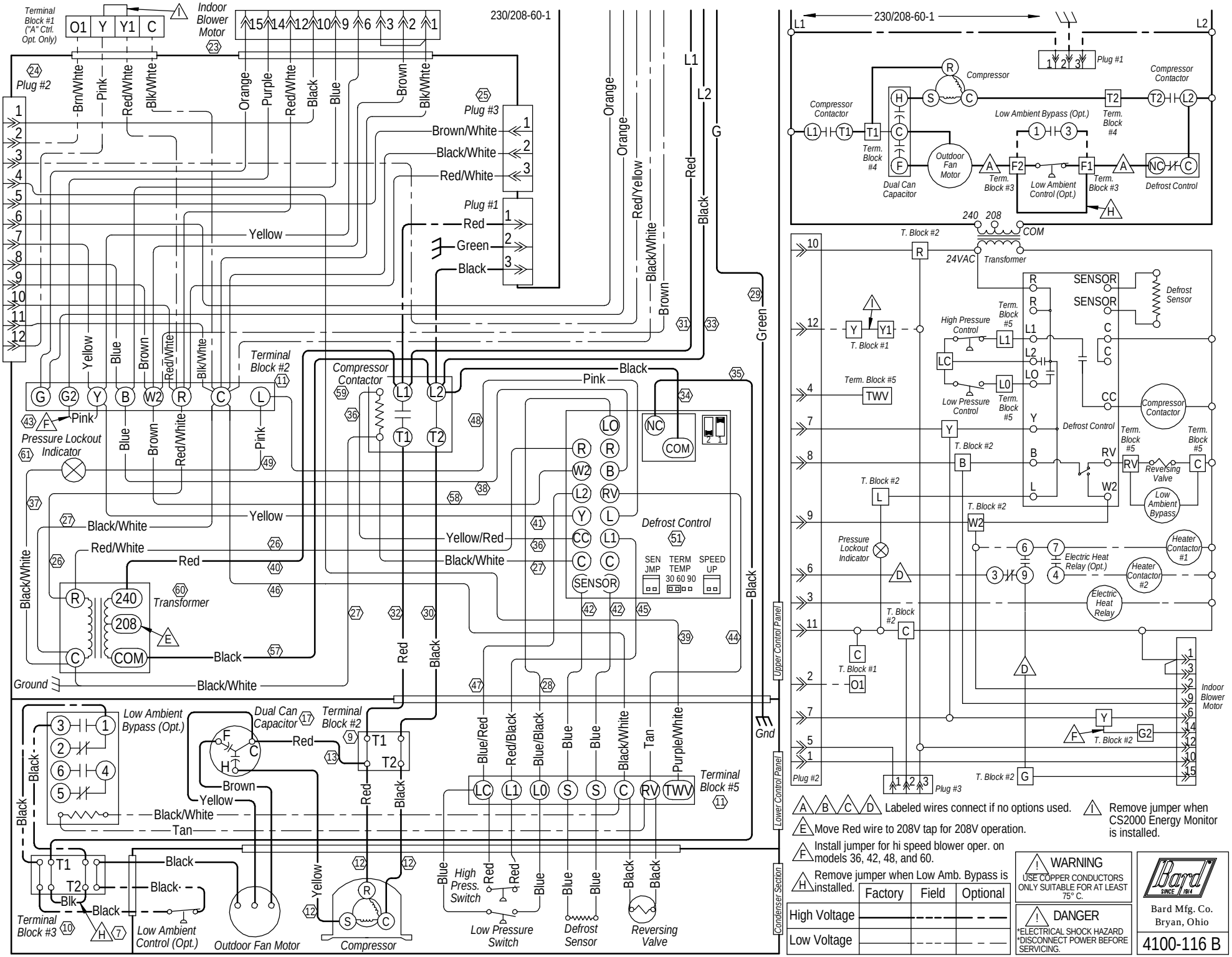

Terminal Block #1 ("A" Ctrl. Opt. Only)
O1 Y Y1 C
Indoor Blower Motor
15 14 12 10 9 6 3 2 1
230/208-60-1
Plug #2
Plug #3
Plug #1
Brn/White
Pink
Red/White
Blk/White
Orange
Purple
Brown/White
Black/White
Red/White
Blue
Brown
Yellow
Green
Red
Black
Gray
Red/Yellow
Pressure Lockout Indicator
Terminal Block #2
G G2 Y B W2 R C L
Compressor Contactor
L1 L2 T1 T2
Transformer
240 208 COM
Defrost Control
LO R W2 L2 Y CC C SENSOR
NC COM
SEN JMP
TERM TEMP 30 60 90
SPEED UP
Yellow/Red
Black/White
Red/White
Ground
Upper Control Panel
Lower Control Panel
Condenser Section
Low Ambient Bypass (Opt.)
Dual Can Capacitor
Terminal Block #2
Terminal Block #5
LC L1 L0 S S C RV TWV
Blue/Red
Red/Black
Blue/Black
Black/White
Tan
Purple/White
Terminal Block #3
Low Ambient Control (Opt.)
Outdoor Fan Motor
Compressor
High Press. Switch
Low Pressure Switch
Defrost Sensor
Reversing Valve
230/208-60-1
Plug #1
Compressor
Compressor Contactor
Low Ambient Bypass (Opt.)
Term. Block #4
Dual Can Capacitor
Outdoor Fan Motor
Term. Block #3
Low Ambient Control (Opt.)
Defrost Control
240 208 COM
T. Block #2
24VAC Transformer
SENSOR
Defrost Sensor
High Pressure Control
Term. Block #5
Low Pressure Control
T. Block #1
Term. Block #5 TWV
Defrost Control
Reversing Valve
Low Ambient Bypass
Pressure Lockout Indicator
Electric Heat Relay (Opt.)
Heater Contactor #1
Heater Contactor #2
Electric Heat Relay
Indoor Blower Motor
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.
Factory Field Optional
High Voltage
Low Voltage
WARNING
USE COPPER CONDUCTORS ONLY SUITABLE FOR AT LEAST 75° C.
DANGER
*ELECTRICAL SHOCK HAZARD
*DISCONNECT POWER BEFORE SERVICING.
Bard SINCE 1914
Bard Mfg. Co.
Bryan, Ohio
4100-116 B