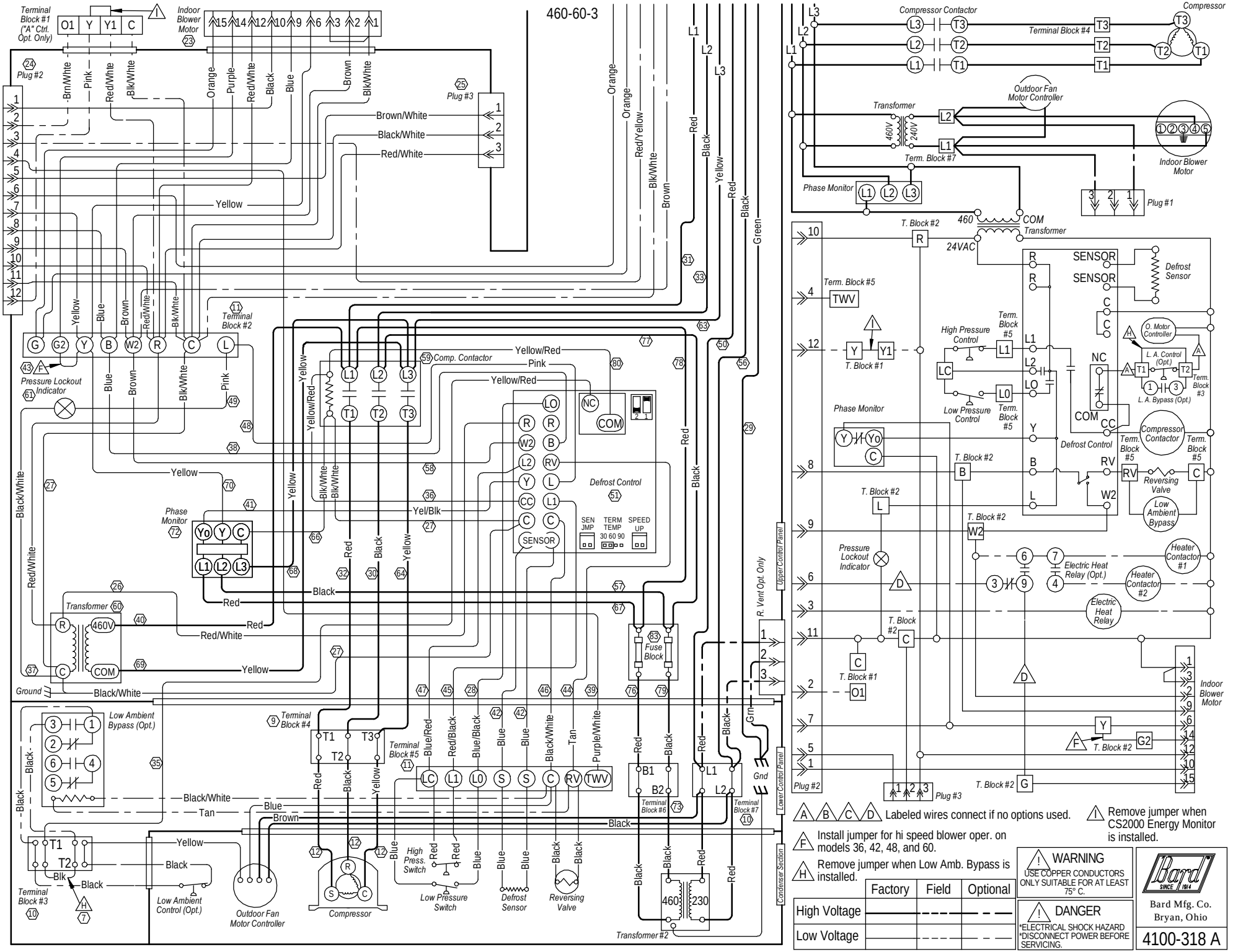
460-60-3
Terminal Block #1 ("A" Ctrl. Opt. Only)
O1 Y Y1 C
Indoor Blower Motor
15 14 12 10 9 6 3 2 1
Plug #2
Brn/White Pink Red/White Blk/White
Orange Purple Red/White Black Blue Brown Blk/White
Plug #3
Brown/White
Black/White
Red/White
Yellow
Terminal Block #2
G G2 Y B W2 R C L
Pressure Lockout Indicator
Comp. Contactor
L1 L2 L3
T1 T2 T3
Yellow/Red
Pink
Yellow/Red
LO R R W2 B L2 RV Y L CC L1 C C SENSOR
NC COM
Defrost Control
SEN JMP TERM TEMP 30 60 90 SPEED UP
Yellow
Yel/Blk
Phase Monitor
Y0 Y C
L1 L2 L3
Transformer
R 460V C COM
Red
Red/White
Yellow
Black
Black/White
Ground
Fuse Block
R. Vent Opt. Only
Upper Control Panel
Lower Control Panel
Condensate Section
Low Ambient Bypass (Opt.)
Terminal Block #4
T1 T2 T3
Terminal Block #5
LC L1 L0 S S C RV TWV
Terminal Block #6
B1 B2
Terminal Block #7
L1 L2
Gnd
Grn
Tan
Blue
Brown
Terminal Block #3
Low Ambient Control (Opt.)
Outdoor Fan Motor Controller
Compressor
High Press. Switch
Low Pressure Switch
Defrost Sensor
Reversing Valve
Transformer #2
460 230
Compressor Contactor
L3 T3
L2 T2
L1 T1
Compressor
Terminal Block #4
Outdoor Fan Motor Controller
Transformer
460V 240V
Term. Block #7
Indoor Blower Motor
Phase Monitor
Plug #1
T. Block #2
460 COM
Transformer
24VAC
Term. Block #5
TWV
T. Block #1
Y Y1
High Pressure Control
Term. Block #5
LC L1 L2 LO
Low Pressure Control
Term. Block #5
R R C C
SENSOR SENSOR
Defrost Sensor
O. Motor Controller
L. A. Control (Opt.)
T1 T2
Term. Block #3
L. A. Bypass (Opt.)
NC COM CC
Defrost Control
Compressor Contactor
Term. Block #5
Term. Block #5
Y B RV W2 L
RV C
Reversing Valve
Low Ambient Bypass
T. Block #2
Pressure Lockout Indicator
Electric Heat Relay (Opt.)
Heater Contactor #1
Heater Contactor #2
Electric Heat Relay
T. Block #1
O1
Indoor Blower Motor
Plug #2
Plug #3
T. Block #2 G
T. Block #2 G2
A B C D Labeled wires connect if no options used.
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
4100-318 A