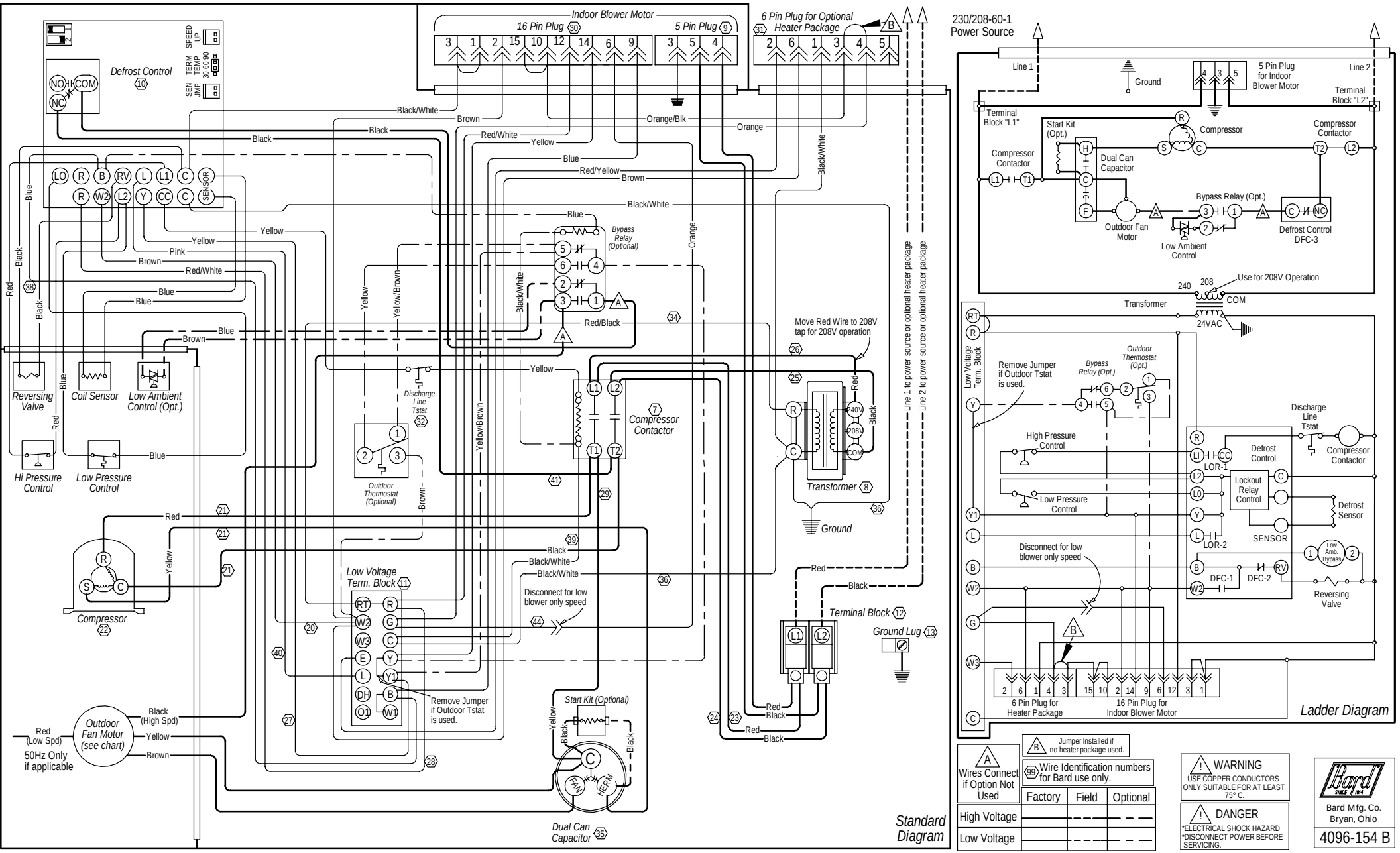
Defrost Control 10
Indoor Blower Motor
16 Pin Plug 30
5 Pin Plug 9
6 Pin Plug for Optional Heater Package 31
Reversing Valve
Coil Sensor
Low Ambient Control (Opt.)
Hi Pressure Control
Low Pressure Control
Bypass Relay (Optional)
Discharge Line Tstat 32
Outdoor Thermostat (Optional)
Compressor Contactor 7
Transformer 8
Move Red Wire to 208V tap for 208V operation
Ground
Line 1 to power source or optional heater package
Line 2 to power source or optional heater package
Low Voltage Term. Block 11
Disconnect for low blower only speed 44
Remove Jumper if Outdoor Tstat is used.
Terminal Block 12
Ground Lug 13
Compressor 22
Outdoor Fan Motor (see chart)
Red (Low Spd)
Black (High Spd)
Yellow
Brown
50Hz Only if applicable
Start Kit (Optional)
Dual Can Capacitor 35
Standard Diagram
230/208-60-1 Power Source
Line 1
Line 2
Ground
5 Pin Plug for Indoor Blower Motor
Terminal Block "L1"
Terminal Block "L2"
Start Kit (Opt.)
Compressor
Compressor Contactor
Dual Can Capacitor
Bypass Relay (Opt.)
Outdoor Fan Motor
Low Ambient Control
Defrost Control DFC-3
Use for 208V Operation
Transformer
24VAC
Low Voltage Term. Block
Remove Jumper if Outdoor Tstat is used.
Outdoor Thermostat (Opt.)
Discharge Line Tstat
High Pressure Control
Low Pressure Control
Defrost Control
LOR-1
LOR-2
Lockout Relay Control
Defrost Sensor
SENSOR
Disconnect for low blower only speed
DFC-1
DFC-2
Reversing Valve
6 Pin Plug for Heater Package
16 Pin Plug for Indoor Blower Motor
Ladder Diagram
A Wires Connect if Option Not Used
B Jumper Installed if no heater package used.
99 Wire Identification numbers for Bard use only.
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 Mfg. Co.
Bryan, Ohio
4096-154 B