For Vent Wiring or controller/thermostat connections, see literature packet or go to www.bardhvac.com

6 Pin Electric Heat Plug

460-60-3

L1 L2 L3

Hi Voltage Field Connection

Hi Voltage Field Connection

Hi Voltage Field Connection

Ground Lug 13

NOTE: THIS IS LOCATED IN UPPER CONTROL PANEL ON THE W42-72

Note: EEV Control Box located in Evap. Section

Evaporator Section

Blower Power Plug 37

Blower Speed Plug 38

Indoor Blower Relay 9

Blower Speed Terminal Block 12

Suction Line Thermistor

Suction Pressure Transducer

EEV StatorCable

EEV CONTROL BOX

EEV CONTROL MODULE

ORANGE CON. BLOCK

Compressor Contactor 7

Transformer 8

Ground Eyelet

Freeze Stat (Opt.)

29 Phase Monitor

Terminal Block #2 (Opt.)

Low Ambient Control (opt.)

31 Dehum Logic Board

TWV YO Y C

G1 A1 W2 G D R

9 Control Relay

Unloader

Compressor

Outdoor Fan Capacitor 27

Outdoor Fan Motor

Hi Press. Control

Low Press . Control

3 Way Valve

Outdoor Temp Sensor (Opt.)

Condenser Section

HPC CC R ALR Y C

Compressor Control Module

10 MINUTES LPC 2

117

Alarm Relay (Opt.) 9

122 Black/Red

Second stage Dehum Relay 9

Low Voltage Box 3

4 Pin Plug

12 Pin Plug

If Economizer is installed connect Orange/White wire to pin #1 on vent plug harness

CLASS 2

Low Voltage Terminal Strip Class 2

7 6 5 4 3 2 1 Y3 Y2 Y1 L W3 D A W2 B/W1 G R RT C

12 Pin Vent Option Plug

NOTE: JUMPER PLUG MUST BE INSTALLED WHEN NO VENT OPTION IS INSTALLED

Only used when LAC installed
Purple wire is tucked in cable duct. Connect with yellow wire on terminal block when using Balanced Climate mode. Y2-Y3 jumper on LVTS must first be removed!

WARNING
USE COPPER CONDUCTORS ONLY SUITABLE FOR AT LEAST 75° C.

DANGER
*ELECTRICAL SHOCK HAZARD
*DISCONNECT POWER BEFORE SERVICING.

A Wires Connect if Option Not Used

99 Wire Identification numbers for Bard use only.

	Factory	Field	Optional
High Voltage			
Low Voltage			

4213-308