



Bard Mfg. Co.
Bryan, Ohio



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		-----	-----

Composite Wiring Diagram QH Series 3

208/230-60-1, Represents Max. KW Electric Heat

"A" Thermostat Option

Temp. and Humidity
Controller Part #8403-060

Plug #2

Orange

Purple

Brown/White

Yellow

Blue

Brown

Red/White

Black/White

Pink

1

2

3

4

5

6

7

8

9

10

11

12

4102-069

"D" Thermostat Option

Temp. and Humidity
Controller Part #8403-060

Plug #2

Orange

Purple

Brown/White

Yellow

Blue

Brown

Red/White

Black/White

1

2

3

4

5

6

7

8

9

10

11

12

4102-070

Optional CS2000A Energy Monitor
(Use With "A" Thermostat Only)

AREA OCCUPIED

HVAC

PWR

NO

NC

C

NO

NC

C

"X" Thermostat Option

8403-060 8403-058 TH5220D1151 LOW VOLTAGE TERMINAL BLOCK

Plug #2

ORANGE

PURPLE

BROWN/WHITE

YELLOW

BLUE

BROWN

RED/WHITE

BLACK/WHITE

RED

BLUE

BLACK

1

2

3

4

5

6

7

8

9

10

11

12

4102-068

CO2 Controller
Part #8403-056

"H" Thermostat Option

24VAC

Analog Out

Red

Black

Yellow

Brown

Orange

Green

Red/White

Black/White

Red/White

Black/White

Orange

Plug #2

1

2

3

4

5

6

7

8

9

10

11

12

4102-071

Heat Strip #1

Heat Strip #2

Limit Switch

Heater Contactor #1

Heater Contactor #2

Blower Interlock Relay

Indoor Blower Motor

Terminal Block #1 ("A" Tstat. Opt. Only)

Terminal Block #2

Terminal Block #3

Terminal Block #4

Terminal Block #5

Compressor Contactor

Alarm Relay ("X" Tstat. Opt. Only)

Compressor Control Module

Transformer

Pressure Lockout Indicator

Dual Can Capacitor

Outdoor Fan Motor

High Pressure Switch

Low Pressure Switch

Line 1 to Power Source

Line 2 to Power Source

Ground Lug

Upper Control Panel

Lower Control Panel

Condenser Section

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.

J

Remove jumper when CS2000A Energy Monitor is installed.