WIRING DIAGRAM

Two Stage Split System Heat Pump (Outdoor Section)

Single Phase

1. Couper le courant avant de faire letretien.

Start Relav*

Ш

ш

Yellov

DC SOI

Blue

Black

♦Y2

Black

Dual

Black -

CC

Contactor

L1

Capacitor

Orange

2. Employez uniquement des conducteurs en cuivre.

3. Ne convient pas aux installations de plus de 150 volt a la terre.

Start

Capacitor*

Outdoor

Fan Motor

Blue

Red or Red Black

Yellow or Yellow Black

Black

CCH

Black

Black or

Black White

Grounding

Screw

Comp

NOTES:

- 1. Disconnect all power before servicing.
- 2. For supply connections use copper conductors only.

Dual Capacitor

CA

Comfort Alert

R С

Y2

(R)

(o)

(c)

(Y2)-

Low Voltage

LPS

Field Wiring

Low Voltage

High Voltage

CSC

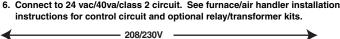
Select (L

Models

Only

DC SOL

- 3. Not suitable on systems that exceed 150 volts to ground.
- 4. For replacement wires use conductors suitable for 105° C.
- 5. For ampacities and overcurrent protection, see unit rating plate.
- 6. Connect to 24 vac/40va/class 2 circuit. See furnace/air handler installation



CCH

Outdoor Fan Motor

S Compressor

DFT

R 4

W2

0

С

T2

¦Τ1

RVS

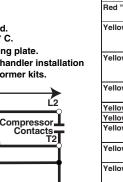
CC

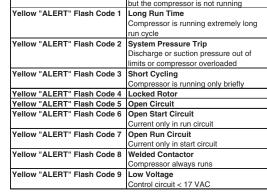
HPS

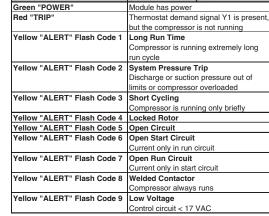
DTL

Legend

Factory Wiring:





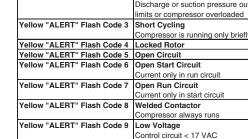


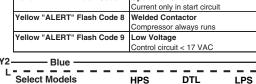
Status LED Description

Black

Yellow

Yellow



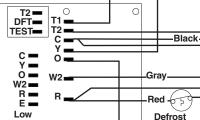


Yellow with

Black Hash

Red

Reversing Valve Solenoid

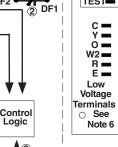


DF1 DF2

0

Only

Defrost Control Board



DF2

Defrost Control Board

- **Defrost Board Operation:**
- (1) Closing during defrost.Rating: 1 Amp. Max. (2) Opens during defrost. Rating: 2 HP at 230 Vac Max.

See

Note 6

- (3) Closed when "Y" is on. Open when "Y" is off. Provides "off" delay time of 5 min, when "Y" opens.
- (4) With DFT closed and "Y" closed, compressor run time is accumulated. Opening of DFT during defrost or interval period resets the interval to 0.
- **CCH Crankcase Heater**
- **CSC Compressor Solenoid Coil**
- **DFT Defrost Thermostat**
- **DTL Discharge Temperature Limit**
- RVS Reversing Valve Solenoid * - Hard Start Kit Field Installed
- CC Contactor Coil

- HPS High Pressure Switch
- LPS Low Pressure Switch



L2

(Single Phase)

Field Supply