WIRING CODE	
115 VAC FACTORY	———
115 VAC FIELD	- - - - -
24 VAC FACTORY	———
24 VAC FIELD	- - - - -

40 VA TRANSFORMER

24V

COM

120

YEL

BLU

1 MODEL DCL065 WIRED WITH BLUE (MEDIUM) SPEED FOR HEATING

AIR CIRCULATING BLOWER MOTOR

CAPACITOR

CAPACITOR CHART	
MODEL	CAPACITOR
DCL065	5/370
DCL080	7.5/370
DCL095	15/370
DCL110	15/440

BLK 1 BLK

BLU 2 BLU

ORG 3 ORG

RED 4 RED

WHT 5 WHT

5 PIN MOTOR CONNECTOR PLUG

OK PWR

TWINNING FEATURE — STATUS LIGHT — POWER LIGHT

SEE INSTALLATION INSTRUCTIONS

OPTIONAL ADD-ON A/C

C

Y

P3

TWIN NORM

SEE INSTALLATION INSTRUCTIONS

M2

M1

COOL HEAT

EAC

L1

L1

HUM

NEUTRALS

BRN 1 — ELECTRONIC AIR CLEANER 115 VAC SUPPLY

WHT 2

RED 3 — HUMIDIFIER * 115 VAC SUPPLY

4

WHT

4 PIN ACCESSORY CONNECTOR PLUG

* ATOMIZING TYPE REQUIRES SAILSWITCH - SEE INSTRUCTIONS

BLK

Y

G

R

W

C

WALL THERMOSTAT

COM XFMR SEC

24VAC XFMR SEC

DOOR INTERLOCK SWITCH

BLK

WHT

INTEGRATED FURNACE CONTROL

HOT SURFACE IGNITOR

WHT WHT

DOUBLE TERMINAL QUICK CONNECT BUSHING

3 PIN LINE VOLTAGE CONNECTOR FROM JUNCTION BOX

BLK 1

WHT 2

GRN 3

BLK (HOT)

WHT (COMMON)

GRN (GROUND)

RED RED BLU BLU GRN PUR PUR BLK YEL YEL WHT BRN

1 2 3 4 5 6 7 8 9 10 11 12

12 PIN CONNECTOR

YEL

YEL

2 PIN CONNECTOR

BRN 1 BRN

WHT 2 WHT

INDUCER BLOWER MOTOR

COLOR CODE	
BLK	BLACK
BLU	BLUE
BRN	BROWN
GRN	GREEN
ORG	ORANGE
PUR	PURPLE
RED	RED
YEL	YELLOW
WHT	WHITE

RED RED BLU BLU GRN PUR PUR BLK

GRD MV MV

GAS VALVE

PRIMARY HIGH LIMIT SWITCH

PRESSURE SWITCH

SINGLE TERMINAL QUICK CONNECT BUSHING

1

BLK

FLAME SENSOR

DANGER
* ELECTRIC SHOCK HAZARD
* DISCONNECT POWER BEFORE SERVICING

LADDER DIAGRAM

115V — GND — NEUTRAL

INTERLOCK

OPTIONAL — EAC

M-LOW — M-HIGH

HIGH — LOW

K4 — K5 — BLOWER MOTOR

K1 — COMBUSTION BLOWER

K3 — HSI — K3

OPTIONAL — HUM

K6

TRANSFORMER

R — 24VAC — C

LIMIT — HEAT — PRESSURE SWITCH — GAS VALVE

W — K2

FAN — G

1012-802 INTEGRATED FURNACE CONTROL

Y — COOL 24VAC

Y — OPT. COMPRESSOR CONTACTOR COIL — C

COM

NOTES:
1. USE COPPER CONDUCTORS ONLY.
2. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH WIRING MATERIAL HAVING A TEMPERATURE RATING OF AT LEAST 105°C.

MOTOR SPEED COLOR CODE		
COLOR	4 SPEED	3 SPEED
WHITE	COMMON	COMMON
RED	LOW	LOW
ORANGE	MED-LOW	—
BLUE	MED-HIGH	MED
BLACK	HIGH	HIGH

DCL-MODELS | 4046-142 A