

SERVICE INSTALLER'S GUIDE

X341956P04

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

Models:

*DD060R9V3**	*UD060R9V3**	*UD100R9V5**
*DD080R9V3**	*UD080R9V3**	*UD120R9V
*DD100R9V5**	*UD080R9V4**	*UD140R9V
*DD120R9V5**	*UD100R9V3**	* May be "A" or "Z"
		** May be "A" - "Z"

KIT 09370 (RETROFIT KIT CNT02223)

IMPORTANT—This document is customer property and is to remain with this unit.
Please return to service information pack upon completion of work.

Assembly Drawing No. A342133G02, KIT COMPONENTS — APPLICATION:

Item No.	Drawing No.	Description	Qty
1	D156805P01	Igniter - Silicon Nitride	1
2	D341870P01	IFC control platform	1
3	B340650P01	Switch-Door	1
4	C341103P01	Bracket-Door Switch	1
5	A342485P01	Screw 10-16 B HWH 5/16	6
6	B342004P07	Wire-BK	1
7	D344302P01	Harness Adapter	1
8	D156245P01	IFC	1
9	A342136P02	Mnemonic label	1
10	C340041P04	Transformer	1
11	B341899P01	Wire-BK-4	1
12	B341899P02	Wire-WH-4	1
13	D344299P02	Wiring diagram - UD	1
14	D344300P02	Wiring diagram - DD	1
15	N156P1506B	Screw 8-18 AB x HWH 3/8 S	3
16	C107736P06	Cable Tie	4

REMOVING THE EXISTING SiC CONTROL AND IGNITER:

- Turn the thermostat to the off position.
- Disconnect all electric power and shut off the gas supply to the furnace.
- Remove the burner and blower door.
- Remove the direct vent cover from the direct vent box, if applicable.

WARNING

Do not touch igniter. It is extremely hot. Failure to follow this warning could result in severe burns.

- Disconnect the igniter wire harness from the silicon carbide igniter and remove the igniter bracket from the burner assembly. Discard the igniter and bracket.

CAUTION

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

- Disconnect all the wires from the IFC and remove the IFC and platform from the unit.
- FOR UPFLOW MODELS: Remove the door switch assembly from the platform, save the assembly for the new IFC platform.

INSTALLING THE NEW SiNi IGNITER:

- Remove the igniter from the igniter bracket.
- Install the igniter (item 1) to the igniter bracket using the screw provided in the kit (item 15).
- Install the igniter assembly to the burner bracket using the screws provided in the kit (item 15).
- Attach the harness adapter (item 7) to the SiNi igniter and existing wire plug.
- Secure the harness wiring with the cable ties provided in the kit (item 16).

Use these instructions when replacing the following Integrated Furnace Controls (IFC):

White-Rodgers Dwg. No.	Trane Dwg. No.	Replacement Part No.	Description
50A51-507	D340949P01	CNT02223	SiC/ white box
50V61-507-05	D341420P01	CNT03078	SiNi
50V61-507-06	D341420P02	CNT05120	SiNi

WARNING

Disconnect power to the unit before removing the blower door. Failure to follow this warning could result in personal injury from moving parts.

WARNING

The cabinet must have an uninterrupted or unbroken ground according to National Electrical Code, ANSI/NFPA 70 - "latest edition" and Canadian Electrical Code, CSA C22.1 or local codes to minimize personal injury if an electrical fault should occur. A failure to follow this warning could result in an electrical shock, fire, injury, or death.

INSTALLING THE NEW SiNi CONTROL:

FOR UPFLOW MODELS:

- A) Attach the door switch to the platform.
- B) Attach the platform to the unit.
- C) Reconnect the wires to the IFC. Refer to the wiring diagram on the blower door for proper connection of wires.
- D) Reinstall the burner and blower doors.
- E) Reconnect all electric power and turn on the gas supply to the unit.

⚠ CAUTION

The integrated furnace control is polarity sensitive. The hot leg of the 115 VAC power must be connected to the BLACK field lead.

FOR DOWNFLOW MODELS:

- A) Relocate the transformer to the bottom side of the platform. See Figure 2.
- B) Attach the platform to the unit.
- C) Attach the door switch assembly (item #3 & 4) to the cabinet using the screws (item #5) provided in the kit. See Figure 1.
- D) Attach the hot line from the inner blower door interlock to the door switch.
- E) Attach the hot line (black wire with no markings supplied in this kit, item #6) from the door switch to the IFC (hot line terminal).
- F) Reconnect the wires to the IFC. Refer to the wiring diagram for proper connection of wires.
- G) Reinstall the burner and blower doors.
- H) Reconnect all electric power and turn on the gas supply to the unit.

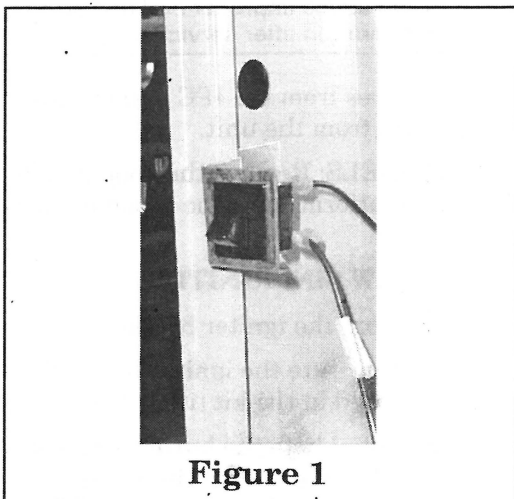


Figure 1

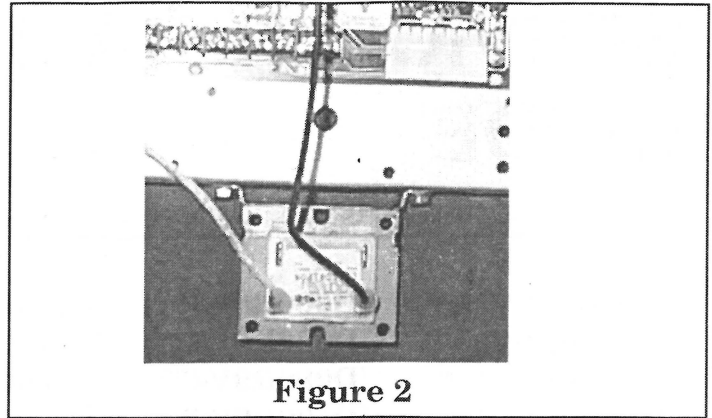


Figure 2

VERIFICATION OF PROPER OPERATION:

- A) Place the thermostat in the heating mode.
- B) Initiate a call for heat by raising the thermostat setting 5 degrees above the room temperature.
- C) Observe the furnace: If properly wired, the following star-up sequence should be observed:
 - The draft inducer should energize, then the igniter should start to glow.
 - After the igniter heat up time has expired, the gas valve should be energized - listen for the "click", the gas will then ignite.
 - After 45 seconds the main blower will turn on.

When proper operation has been verified, set the thermostat back to the desired comfort set point.

- D) Sign and attach the mnemonic label (item # 9) to the front of the blower door.
- E) Attach wiring diagram D344299P02 for upflow furnace models or D344300P02 for downflow furnace models to the inside of the blower door.

Integrated Furnace Control Error Flash Codes

Green LED Flash	Amber LED Flash	Red LED Flash	ERROR
		1	Flame sensed when no flame should be present
		2	Pressure switch stuck closed
		3	1st stage pressure switch is open / not closing
		4	Open thermal limit or open rollout
		5	Open low voltage fuse
		6	1st stage pressure switch opened 5 times within on cycle--1 hour lockout
		7	System lockout retry
		8	System lockout recycle
		9	Reverse polarity or poor grounding
		10	Gas valve energized without call for heat
		12	Ignitor relay failure internal in board. Replace IFC
		Solid	Gas valve relay failure internal in board. Replace IFC
		3 Double	2nd stage pressure switch open; system reverts back to 1st stage heat
	1		1st stage call for heat
	2		2nd stage call for heat
	3		W2 call present without W1
	4		Y call present without G
	Rapid		Low flame sense current
1			Standby mode or call for cooling

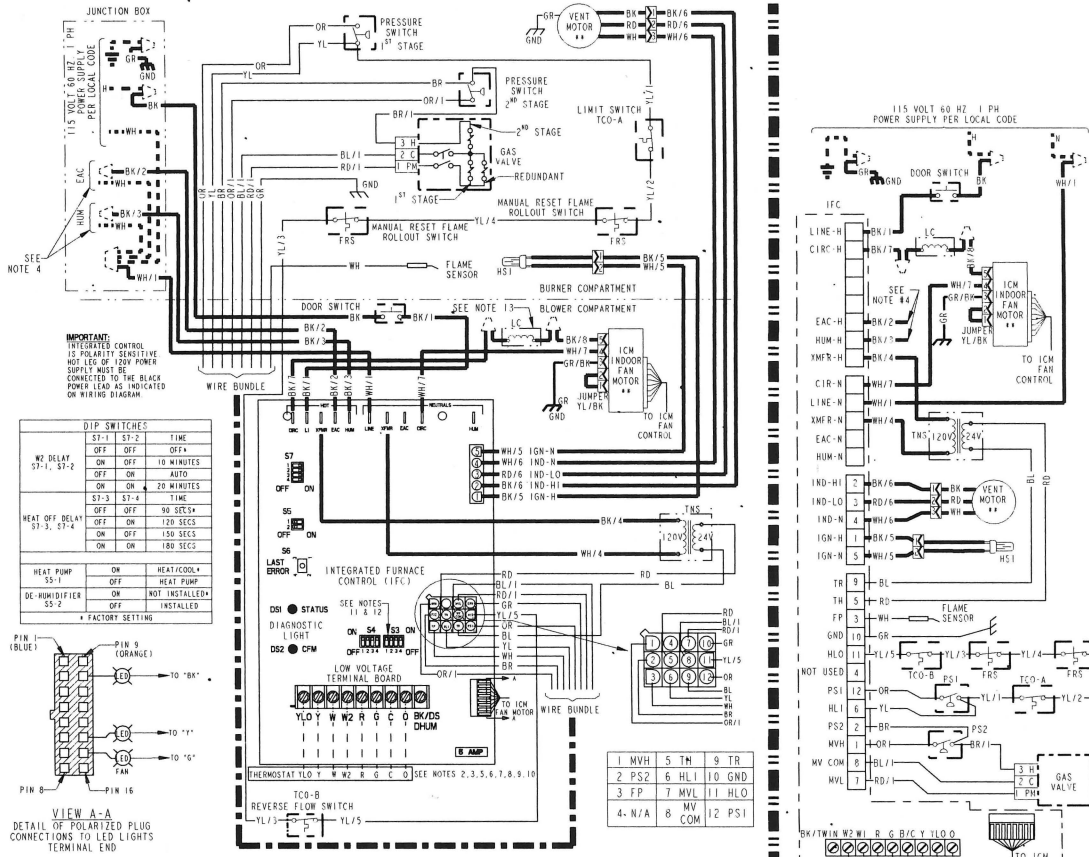


TABLE "A"

MODELS

*UD2B0809V3**	*UD2B0809V3V**
*UD2B0809V3**	*UD2B0809V3V**
*UD2B0809V3**	*UD2C0809V3V**
*UD2B0809V3**	*UD2C0809V3V**
*UD2B0809V3**	*UD2C1009V3V**
*UD2B0809V3**	*UD2C1009V3V**
*UD2B0809V3**	*UD2D1209V3V**
*UD2B0809V3**	*UD2D1209V3V**
*UD2B0809V3**	*UD2C1009V3V**
*UD2B0809V3**	*UD2C1009V3V**
*UD2B0809V3**	*UD2D1209V3V**
*UD2B0809V3**	*UD2D1209V3V**

* PREFIX MAY BE "M" OR "T"
* SUFFIX MAY BE "A" THROUGH "Z"

INTEGRATED FURNACE CONTROL

REPLACE WITH PART C01001015 OR EQUIVALENT

ELECTRICAL RATING

INPUT 25 VAC 50 HZ
XMR SEC CURRENT 450 MA
MV 1ST STAGE OUTPUT 1.5 A @ 24 VAC
MV 2ND STAGE OUTPUT 0.5 A @ 24 VAC
IND OUTPUT 2.2 FLA 3.5 LRA @ 120 VAC
CIRC. BLOWER OUTPUT 14.5 FLA
2.5 LRA @ 120 VAC

HUMIDIFIER & AIR CLEANER
MAX. LOAD 1.0 A @ 120 VAC
IGNITER OUTPUT 2.0 A @ 120 VAC

IGN WARMUP 20 SEC
REPEATS 2 RECYCLES 10
HEAT ON DELAY 45 SEC
COOL ON DELAY 2 SEC

WARNING

HAZARDOUS VOLTAGE
DISCONNECT ALL ELECTRICAL POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FURNACE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

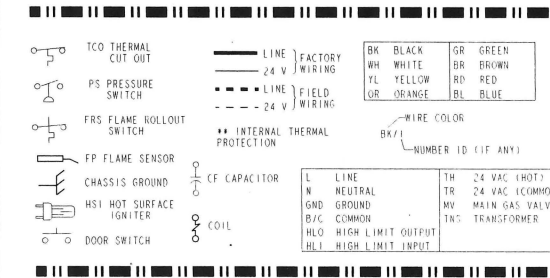
CAUTION

USE COPPER CONDUCTORS ONLY.
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

DIAGNOSTIC CODES

RED LED FLASH

- 1 FLASH FLAME SENSE WHEN NO FLAME SHOULD BE PRESENT
- 2 FLASHES PRESSURE SWITCH STUCK CLOSED
- 3 FLASHES 1ST STAGE PRESSURE SWITCH STUCK OPEN/NOT LOCKING
- 4 FLASHES OPEN THERMAL LIMIT OR OPEN ROLLOUT
- 5 FLASHES OPEN LOW VOLTAGE FUSE
- 6 FLASHES 1ST STAGE PRESSURE SWITCH OPENED 5 TIMES WITHIN ONE CYCLE
- 7 FLASHES SYSTEM LOCKOUT (RETRY)
- 8 FLASHES SYSTEM LOCKOUT (RECYCLE)
- 9 FLASHES REVERSE POLARITY
- 10 FLASHES NO FROG GROUNDING
- 10 FLASHES GAS VALVE ENERGIZED WITH NO CALL FOR HEAT
- 12 FLASHES IGNITOR DELAY FAILURE INTERNAL IN BOARD REPLACE IFC
- SOLID GAS VALVE RELAY FAILURE INTERNAL IN BOARD REPLACE IFC
- 3 DOUBLE 2ND STAGE PRESSURE SWITCH OPEN SYSTEM REVERTS TO 1ST STAGE HEAT
- 1 FLASH 1ST STAGE CALL FOR HEAT
- 2 FLASHES 2ND STAGE CALL FOR HEAT
- 3 FLASHES W2 CALL PRESENT WITH NO W1
- 4 FLASHES 7 PRESENT WITH NO G CALL
- 5 FLASHES LOW FLAME SENSE CURRENT GREEN LED FLASH
- 1 FLASH STANDBY MODE OF CALL FOR COOLING



- NOTES:**
- 1 IF ANY OF THE ORIGINAL WIRING AS SUPPLIED WITH THIS FURNACE MUST BE REPLACED, IT MUST BE WITH WIRE HAVING A TEMPERATURE RATING OF AT LEAST 105 C
 - 2 THERMOSTAT HEAT ANTICIPATOR SETTING: FIRST STAGE 38 AMPS, SECOND STAGE 13 AMPS IF SETTING IS NOT FIXED ON THERMOSTAT, FOR SINGLE STAGE HEATING
 - 3 THERMOSTAT SET AT 51 AMPS
 - 3 FOR PROPER OPERATION OF COOLING SPEED: "Y" TERMINAL MUST BE CONNECTED TO THE ROOM THERMOSTAT
 - 4 THESE LEADS PROVIDE 120V POWER CONNECTIONS FOR ELECTRONIC AIR CLEANER (EAC) AND HUMIDIFIER (HUM). MAX. LOAD 1.0 AMPS EACH
 - 5 WHEN USING A SINGLE STAGE HEATING THERMOSTAT, THE 2ND STAGE HEAT DELAY IS CONTROLLED BY S3-1 & S3-2. REFERENCE THE SERVICE FACTS FOR DIP SWITCH CONFIGURATIONS.
 - 6 GREEN LIGHT (CFM) FLASHES ONCE PER 100 CFM COMMAND
 - 7 FOR HEAT PUMP SYSTEMS Y AND O MUST BE CONNECTED TO THE LOW-VOLTAGE TERMINAL BOARD.
 - 7 FOR TWO COMPRESSOR SYSTEMS, USE "YLO" FOR LOW SPEED AND "Y" FOR HIGH SPEED CONNECTION TO THE LOW-VOLTAGE TERMINAL BOARD. FOR TWO STEP SCROLL SYSTEM, USE "Y" FOR LOW SPEED AND "Y" FOR HIGH SPEED CONNECTIONS ON THE LOW-VOLTAGE TERMINAL BOARD. PLACE A JUMPER BETWEEN "R" AND "O" AND MOVE "S3-2" TO THE "OFF" POSITION.
 - 8 OPTIONAL HUMIDISTAT IS TO BE CONNECTED BETWEEN "R" & "BK". DO NOT CUT ANY JUMPERS ON THIS BOARD SWITCH S3-2 MUST BE SET IN THE OFF POSITION IF HUMIDISTAT IS USED. THE "S3-2" SWITCH MUST ALSO BE TURNED TO OFF WHEN APPLYING AN AIRFLOW COMMAND SIGNAL TO "BK". THE "BK" TERMINAL MUST BE USED WHEN APPLYING A HUMIDISTAT, A 400 THERMOSTAT WITH "BK" ENABLED, A TWO STEP SCROLL COMPRESSOR OR RESIDENTIAL ZONING SYSTEM.
 - 10 A JUMPER MUST BE PLACED BETWEEN "R" & "O" TO ENABLE THE "BK" CIRCUIT OR ENHANCED MODE (COMFORT-R). THIS "R" TO "O" JUMPER MUST BE IN PLACE FOR HUMIDISTAT DEHUMIDIFICATION AND PROPER BLOWER OPERATION WITH A TWO STEP SCROLL COMPRESSOR.
 - 11 SEE INDOOR MOTOR AIRFLOW SELECTION CHART, LOCATED IN THE FURNACE FOR DIP SWITCH SETTINGS TO SET AIRFLOW AND COOLING OFF DELAYS.
 - 12 POWER MUST BE OFF WHEN DIP SWITCHES ARE SET.
 - 13 USED ON ALL UPFLOW MODELS EXCEPT FOR *UD2B0809V3V**, *UD2B0809V3V** AND *UD2B1009V3V**.



INDOOR MOTOR AIRFLOW SELECTION CHART

OUTDOOR UNIT (SIZE IN TONS)

SWITCH SETTING	*UD2/DD2B060	*UD2/DD2B080-9V3	*UD2C080-9V4	*UD2B100-9V3	*UD2/DD2C100-9V5	*UD2/DD2D120	*UD2D140
S3-1 OFF S3-2 OFF**	3	3.5	4	3	5	5	5
S3-1 ON S3-2 OFF	2.5	3	3.5	2.5	4	4	4
S3-1 OFF S3-2 ON	2	2.5	3	2	3.5	3.5	3.5
S3-1 ON S3-2 ON	1.5	--	2.5	1.5	3	--	--

HEATING AIRFLOW SETTINGS - CFM (1st Stage / 2nd Stage)

SWITCH SETTING	800/1100	1050/1450	975/1400	1025/1400	1300/1800	1250/1800	1450/2050
S4-3 OFF S4-4 OFF (HIGH)	800/1100	1050/1450	975/1400	1025/1400	1300/1800	1250/1800	1450/2050
S4-3 ON S4-4 OFF** (NORMAL)	700/950	900/1250	875/1250	950/1300	1100/1550	1150/1600	1300/1800
S4-3 OFF S4-4 ON (MED-LOW)	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM
S4-3 ON S4-4 ON (LOW)	600/800	800/1100	775/1100	800/1100	900/1250	1000/1400	1150/1600

COOLING OFF DELAY OPTIONS

SELECTION	NORMAL SELECTION
S4-1 OFF S4-2 OFF	NONE
S4-1 ON S4-2 OFF**	90 SEC
S4-1 OFF S4-2 ON	180 SEC
S4-1 ON S4-2 ON	COMFORT-R

COOLING AIRFLOW SETTINGS

SWITCH SETTING	CFM/TON
S3-3 ON S3-4 OFF (HIGH)	450 CFM/TON
S3-3 OFF S3-4 OFF** (NORMAL)	400 CFM/TON
S3-3 ON S3-4 ON (LOW)	350 CFM/TON

NOTES:

- 1 GREEN CFM LIGHT FLASHES ONCE PER 100 CFM AS PER DIP SWITCH SETTINGS.
- 2 FOR COOLING SYSTEM, Y MUST BE CONNECTED TO THE LOW VOLTAGE TERMINAL BOARD (LVTB).
- 2 COMPRESSOR SYSTEMS: USE YLO FOR LOW AND Y FOR HIGH SPEED CONNECTIONS TO LVTB.
- 2 TWO STEP SCROLL SYSTEMS: USE Y FOR LOW AND BK FOR HIGH SPEED CONNECTION TO LVTB.
- 3 IF A HUMIDISTAT IS USED:
 - *UD2/DD2: CONNECT BETWEEN BK AND R. PLACE A JUMPER BETWEEN R AND O. PLACE SWITCH S3-2 IN THE OFF POSITION.
 - ** FACTORY SETTING.
- 4 SEE SERVICE FACTS FOR COMFORT-R TIME DELAY SETTINGS.
- 5 RED INDICATOR LIGHTS: Y, BK AND O WILL COME ON WHEN ENERGIZED THRU THE CONTROL SYSTEM.

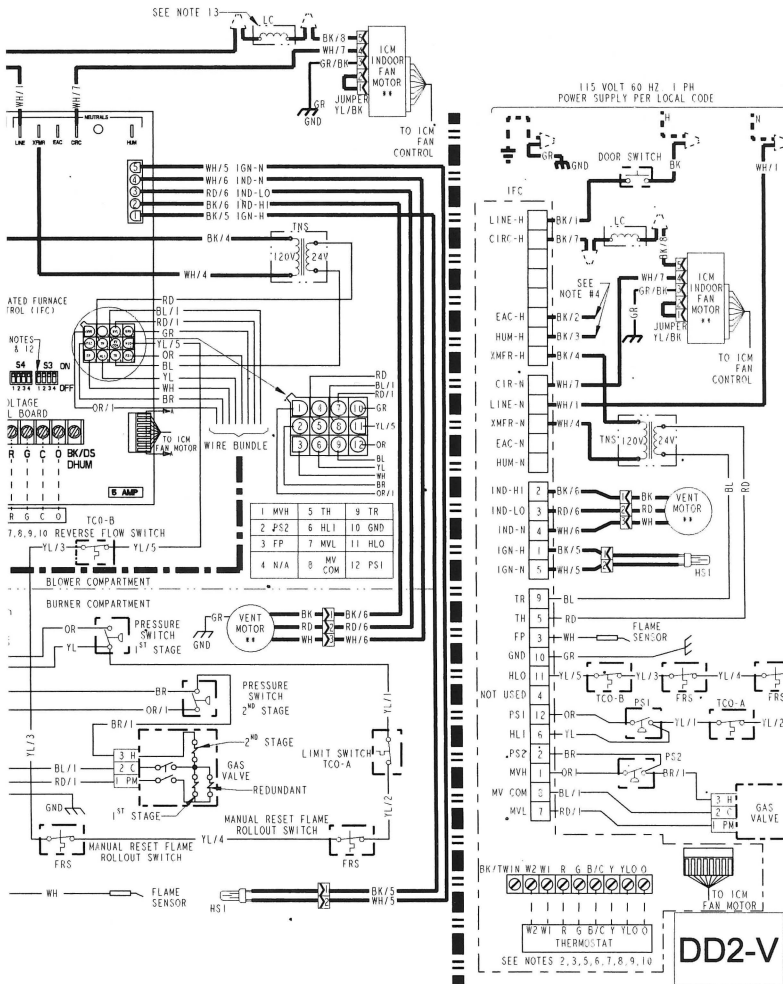


TABLE "A"
MODELS

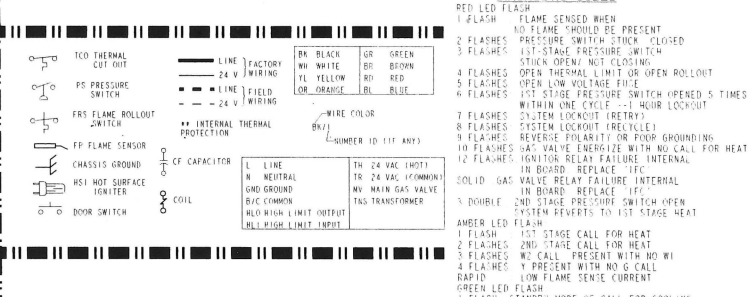
*DD080RV3**	*DD2B060RV3V**
*DD080RV4**	*DD2B060RV3V**
*DD100RV5**	*DD2C100RV5V**
*DD120RV5**	*DD2D120RV5V**

* PREFIX MAY BE "A" OR "Z"
* SUFFIX MAY BE "A" THROUGH "Z"

INTEGRATED FURNACE CONTROL
REPLACE WITH PART CR16015 OR EQUIVALENT
ELECTRICAL RATING
INPUT: 24 VAC 60 HZ
XMR SEC. CURRENT: 450 MA
MV 1ST STAGE OUTPUT: 1.5 A @ 24 VAC
MV 2ND STAGE OUTPUT: 0.5 A @ 24 VAC
IND OUTPUT: 2.2 FLA, 3 S LRA @ 120 VAC
CIRC. BLOWER OUTPUT: 14.5 FLA, 25 LRA @ 120 VAC
HUMIDIFIER & AIR CLEANER
MAX. LOAD: 1.0 A @ 120 VAC
IGNITER OUTPUT: 2.0 A @ 120 VAC
TIMINGS
IGN WARMUP: 20 SEC
HEAT-ON DELAY: 2 SECS
HEAT-ON DELAY: 45 SEC
COOL ON DELAY: 2 SEC

WARNING
HAZARDOUS VOLTAGE.
DISCONNECT ALL ELECTRICAL POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.



- NOTES**
- IF ANY OF THE ORIGINAL WIRING AS SUPPLIED WITH THIS FURNACE MUST BE REPLACED, IT MUST BE WITH WIRE HAVING A TEMPERATURE RATING OF AT LEAST 105 C.
 - THERMOSTAT HEAT ANTICIPATOR SETTING: FIRST STAGE 38 AMPS, SECOND STAGE 13 AMPS. IF SETTING IS NOT FIXED ON THERMOSTAT, FOR SINGLE STAGE HEATING THERMOSTAT SET AT 51 AMPS.
 - FOR PROPER OPERATION OF COOLING SPEED, "Y" TERMINAL MUST BE CONNECTED TO THE ROOM THERMOSTAT.
 - THESE LEADS PROVIDE 120V POWER CONNECTIONS FOR ELECTRONIC AIR CLEANER (EAC) AND HUMIDIFIER (HUM). MAX. LOAD 1.0 AMPS EACH.
 - WHEN USING A SINGLE STAGE HEATING THERMOSTAT THE 2ND STAGE HEAT DELAY IS CONTROLLED BY S7-1 & S7-2. REFER TO THE SERVICE FACTS FOR DIP SWITCH CONFIGURATIONS.
 - GREEN LIGHT (CFM) FLASHES ONCE PER 100 CFM COMMAND.
 - FOR HEAT PUMP SYSTEMS I AND O MUST BE CONNECTED TO THE LOW-VOLTAGE TERMINAL BOARD.
 - FOR TWO COMPRESSOR SYSTEMS, USE "YLO" FOR LOW SPEED AND "Y" FOR HIGH SPEED CONNECTION TO THE LOW-VOLTAGE TERMINAL BOARD. FOR TWO STEP SCROLL SYSTEM, USE "Y" FOR LOW SPEED AND "BK" FOR HIGH SPEED CONNECTIONS ON THE LOW VOLTAGE TERMINAL BOARD. PLACE A JUMPER BETWEEN "R" AND "O" AND MOVE "SS-2" TO THE "OFF" POSITION.
 - OPTIONAL HUMIDISTAT IS TO BE CONNECTED BETWEEN "B" & "BK". DO NOT CUT ANY JUMBERS ON THIS BOARD. SWITCH "SS-2" MUST BE SET IN THE "OFF" POSITION IF HUMIDISTAT IS USED. THE "SS-2" SWITCH MUST ALSO BE TURNED TO "OFF" WHEN APPLYING AIR FLOW COMMAND SIGNAL TO "BK". THE "BK" TERMINAL MUST BE USED WHEN APPLYING A HUMIDISTAT, 4-402 THERMOSTAT (WITH "BK" ENABLED) OR TWO STEP SCROLL COMPRESSOR OR RESIDENTIAL ZONING SYSTEM.
 - A JUMPER MUST BE PLACED BETWEEN "R" & "O" TO ENABLE THE "BK" CIRCUIT OR ENHANCED MODE (COMFORT R). THIS "R" TO "O" JUMPER MUST BE IN PLACE FOR HUMIDISTAT DEHUMIDIFICATION AND PROPER BLOWER OPERATION WITH A TWO STEP SCROLL COMPRESSOR.
 - SEE INDOOR MOTOR AIRFLOW SELECTION CHART, LOCATED IN THE FURNACE FOR DIP SWITCH SETTINGS TO SET AIRFLOW AND COOLING OFF DELAYS.
 - POWER MUST BE OFF WHEN DIP SWITCHES ARE SET.
 - USED ON ALL DOWNFLOW VARIABLE SPEED MODELS EXCEPT FOR *DD2B060RV3V** AND *DD2B060RV3V**.



INDOOR MOTOR AIRFLOW SELECTION CHART
OUTDOOR UNIT (SIZE IN TONS)

Model	4	3	5	4	5
*UD2C080-9V4	4	3	5	4	5
*UD2B100-9V3	3.5	2.5	4	4	4
*UD2/DD2C100-9V5	3	2	3.5	3.5	3.5
*UD2/DD2D120	2.5	1.5	3	--	--
*UD2D140					

COOLING OFF DELAY OPTIONS

Setting	Selection	Normal Selection
S4-1 OFF S4-2 OFF	NONE	SAME
S4-1 ON S4-2 OFF**	90 SEC	100% (BAY24X045 EQUIVALENT)
S4-1 OFF S4-2 ON	180 SEC	50%
S4-1 ON S4-2 ON	COMFORT-R	50%-100%

COOLING AIRFLOW SETTINGS

Setting	Value
S3-3 ON S3-4 OFF (HIGH)	450 CFM/TON
S3-3 OFF S3-4 OFF** (NORMAL)	400 CFM/TON
S3-3 OFF S3-4 ON (LOW)	350 CFM/TON

LOW SETTINGS - CFM (1st STAGE / 2nd STAGE)

Model	975/1400	1025/1400	1300/1800	1250/1800	1450/2050
450	975/1400	1025/1400	1300/1800	1250/1800	1450/2050
550	875/1250	950/1300	1100/1550	1150/1600	1300/1800
M	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM
00	775/1100	800/1100	900/1250	1000/1400	1150/1600

- NOTES**
- GREEN CFM LIGHT FLASHES ONCE PER 100 CFM AS PER DIP SWITCH SETTINGS.
 - FOR COOLING SYSTEM, Y MUST BE CONNECTED TO THE LOW VOLTAGE TERMINAL BOARD (LVB).
-HEAT PUMP SYSTEM, R AND O MUST BE CONNECTED TO THE LVB.
-2 COMPRESSOR SYSTEMS, USE YLO FOR LOW AND BK FOR HIGH SPEED CONNECTIONS TO LVB.
-2 STEP SCROLL SYSTEMS, USE Y FOR LOW AND BK FOR HIGH SPEED CONNECTIONS TO LVB.
 - IF A HUMIDISTAT IS USED:
-HUMIDISTAT: CONNECT BETWEEN BK AND R. PLACE A JUMPER BETWEEN R AND O. PLACE SWITCH SS-2 IN THE "OFF" POSITION.
-SEE SERVICE FACTS FOR COMFORT-R TIME DELAY SETTINGS.
-R AND O MUST BE OFF WHEN DIP SWITCHES ARE SET OR RESET.
-RED INDICATOR LIGHTS (Y, BK AND G) WILL COME ON WHEN ENERGIZED THRU THE CONTROL SYSTEM.