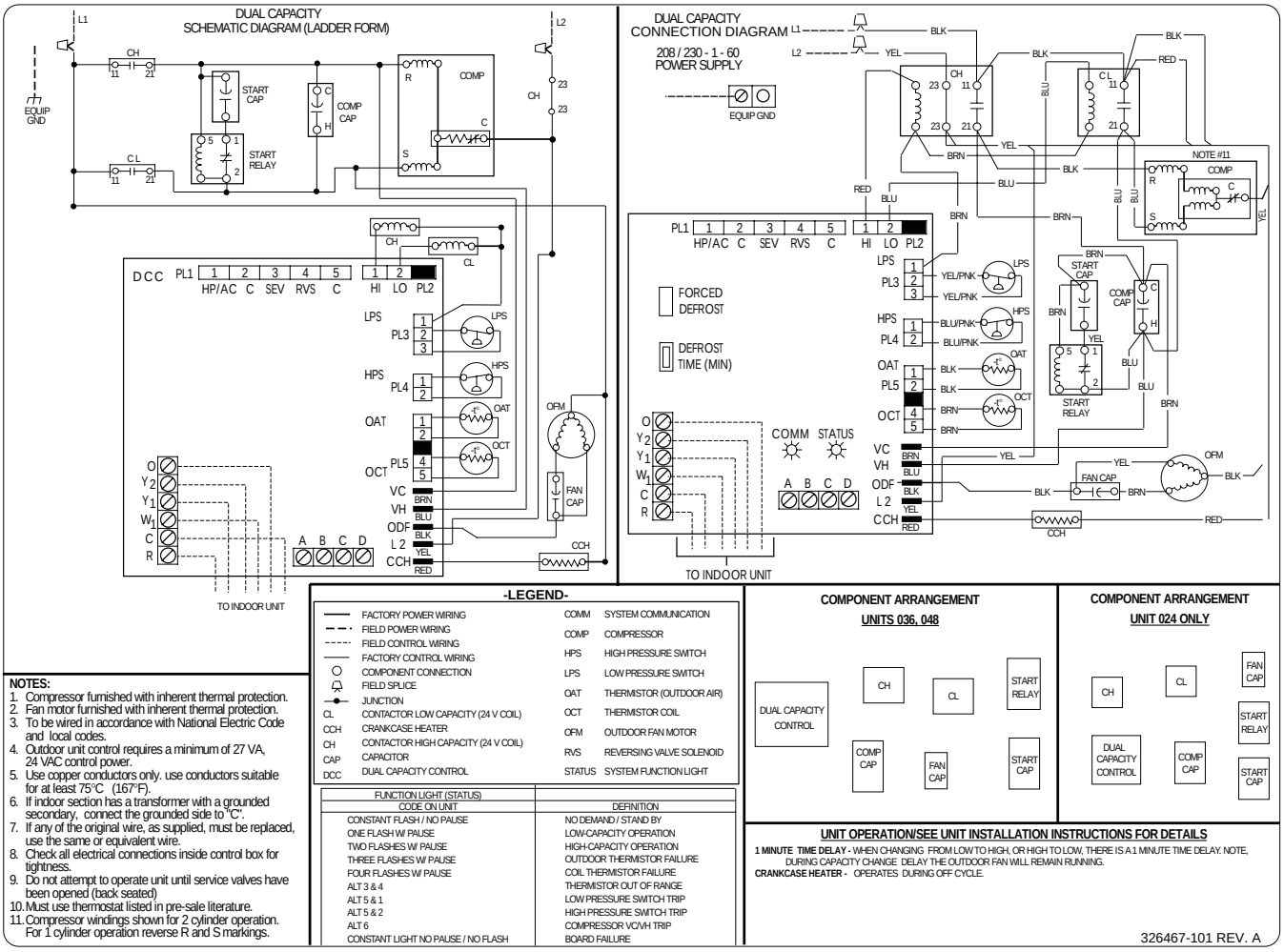
Visit www.carrier.com

Wiring Diagrams



NOTES:

1. Compressor furnished with inherent thermal protection.
2. Fan motor furnished with inherent thermal protection.
3. To be wired in accordance with National Electric Code and local codes.
4. Outdoor unit control requires a minimum of 27 VA, 24 VAC control power.
5. Use copper conductors only. use conductors suitable for at least 75°C (167°F).
6. If indoor section has a transformer with a grounded secondary, connect the grounded side to "C".
7. If any of the original wire, as supplied, must be replaced, use the same or equivalent wire.
8. Check all electrical connections inside control box for tightness.
9. Do not attempt to operate unit until service valves have been opened (back seated)
10. Must use thermostat listed in pre-sale literature.
11. Compressor windings shown for 2 cylinder operation. For 1 cylinder operation reverse R and S markings.

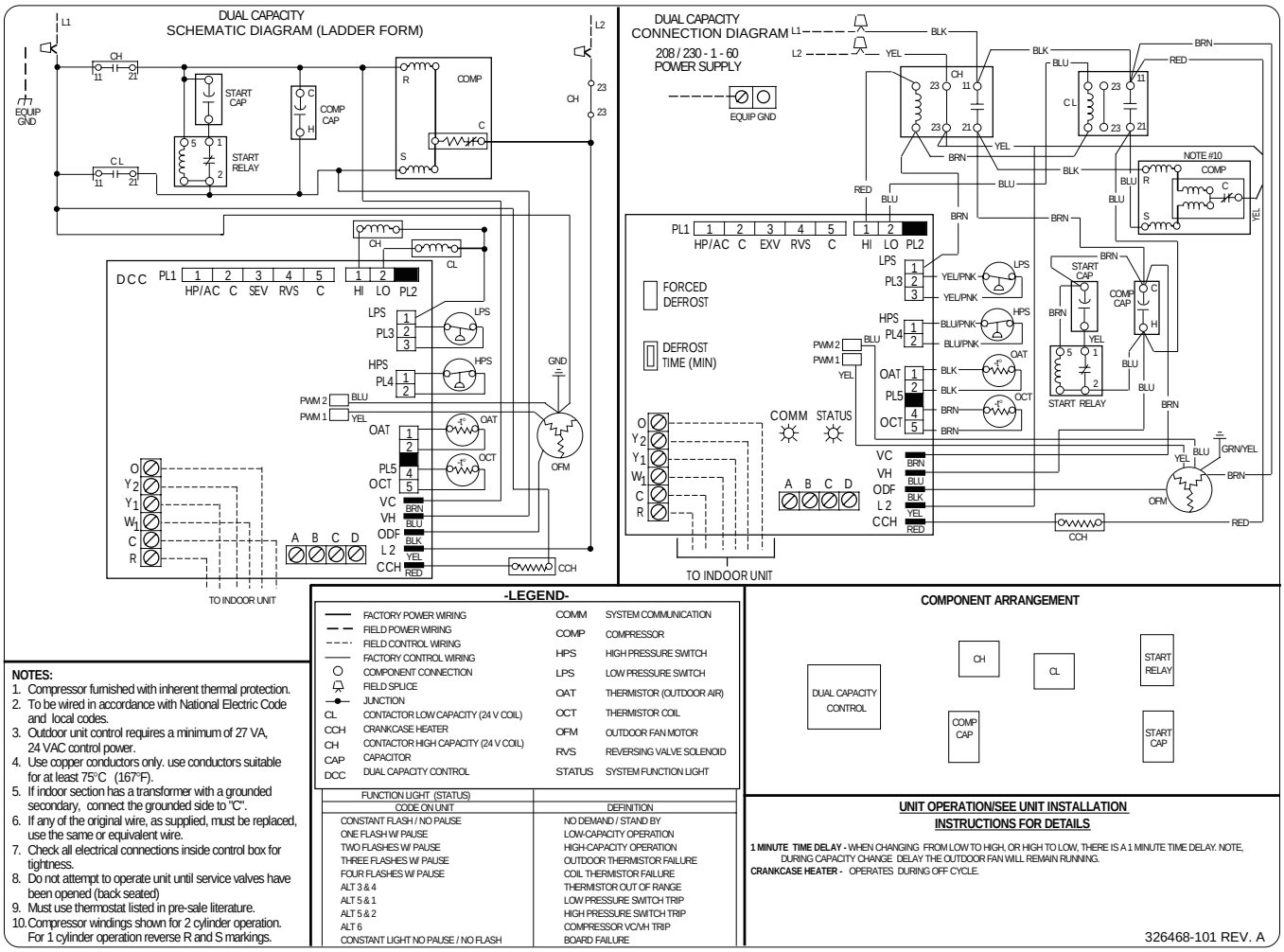
-LEGEND-

	FACTORY POWER WIRING	COMM	SYSTEM COMMUNICATION
	FIELD POWER WIRING	COMP	COMPRESSOR
	FIELD CONTROL WIRING	HPS	HIGH PRESSURE SWITCH
	FACTORY CONTROL WIRING	LPS	LOW PRESSURE SWITCH
	COMPONENT CONNECTION	OAT	THERMISTOR (OUTDOOR AIR)
	FIELD SPLICE	OCT	THERMISTOR COIL
	JUNCTION	OFM	OUTDOOR FAN MOTOR
CL	CONTACTOR LOW CAPACITY (24 V COIL)	RVS	REVERSING VALVE SOLENOID
CCH	CRANKCASE HEATER	STATUS	SYSTEM FUNCTION LIGHT
CH	CONTACTOR HIGH CAPACITY (24 V COIL)		
CAP	CAPACITOR		
DCC	DUAL CAPACITY CONTROL		

FUNCTION LIGHT (STATUS)	
CODE ON UNIT	DEFINITION
CONSTANT FLASH / NO PAUSE	NO DEMAND / STAND BY
ONE FLASH W/ PAUSE	LOW-CAPACITY OPERATION
TWO FLASHES W/ PAUSE	HIGH-CAPACITY OPERATION
THREE FLASHES W/ PAUSE	OUTDOOR THERMISTOR FAILURE
FOUR FLASHES W/ PAUSE	COIL THERMISTOR FAILURE
ALT 3 & 4	THERMISTOR OUT OF RANGE
ALT 5 & 1	LOW PRESSURE SWITCH TRIP
ALT 5 & 2	HIGH PRESSURE SWITCH TRIP
ALT 6	COMPRESSOR VC/VH TRIP
CONSTANT LIGHT NO PAUSE / NO FLASH	BOARD FAILURE

A00050

Fig. 1—Wiring Diagram–024, 036, 048



NOTES:

1. Compressor furnished with inherent thermal protection.
2. To be wired in accordance with National Electric Code and local codes.
3. Outdoor unit control requires a minimum of 27 VA, 24 VAC control power.
4. Use copper conductors only. use conductors suitable for at least 75°C (167°F).
5. If indoor section has a transformer with a grounded secondary, connect the grounded side to "C".
6. If any of the original wire, as supplied, must be replaced, use the same or equivalent wire.
7. Check all electrical connections inside control box for tightness.
8. Do not attempt to operate unit until service valves have been opened (back seated)
9. Must use thermostat listed in pre-sale literature.
10. Compressor windings shown for 2 cylinder operation. For 1 cylinder operation reverse R and S markings.

-LEGEND-

——	FACTORY POWER WIRING	COMM	SYSTEM COMMUNICATION
— —	FIELD POWER WIRING	COMP	COMPRESSOR
- - - -	FIELD CONTROL WIRING	HPS	HIGH PRESSURE SWITCH
——	FACTORY CONTROL WIRING	LPS	LOW PRESSURE SWITCH
○	COMPONENT CONNECTION	OAT	THERMISTOR (OUTDOOR AIR)
	FIELD SPLICE	OCT	THERMISTOR COIL
—●—	JUNCTION	OFM	OUTDOOR FAN MOTOR
CL	CONTACTOR LOW CAPACITY (24 V COIL)	RVS	REVERSING VALVE SOLENOID
CCH	CRANKCASE HEATER	STATUS	SYSTEM FUNCTION LIGHT
CH	CONTACTOR HIGH CAPACITY (24 V COIL)		
CAP	CAPACITOR		
DCC	DUAL CAPACITY CONTROL		

FUNCTION LIGHT (STATUS)	
CODE ON UNIT	DEFINITION
CONSTANT FLASH / NO PAUSE	NO DEMAND / STAND BY
ONE FLASH W/ PAUSE	LOW-CAPACITY OPERATION
TWO FLASHES W/ PAUSE	HIGH-CAPACITY OPERATION
THREE FLASHES W/ PAUSE	OUTDOOR THERMISTOR FAILURE
FOUR FLASHES W/ PAUSE	COIL THERMISTOR FAILURE
ALT 3 & 4	THERMISTOR OUT OF RANGE
ALT 5 & 1	LOW PRESSURE SWITCH TRIP
ALT 5 & 2	HIGH PRESSURE SWITCH TRIP
ALT 6	COMPRESSOR VC/VH TRIP
CONSTANT LIGHT NO PAUSE / NO FLASH	BOARD FAILURE

COMPONENT ARRANGEMENT

UNIT OPERATION/SEE UNIT INSTALLATION INSTRUCTIONS FOR DETAILS

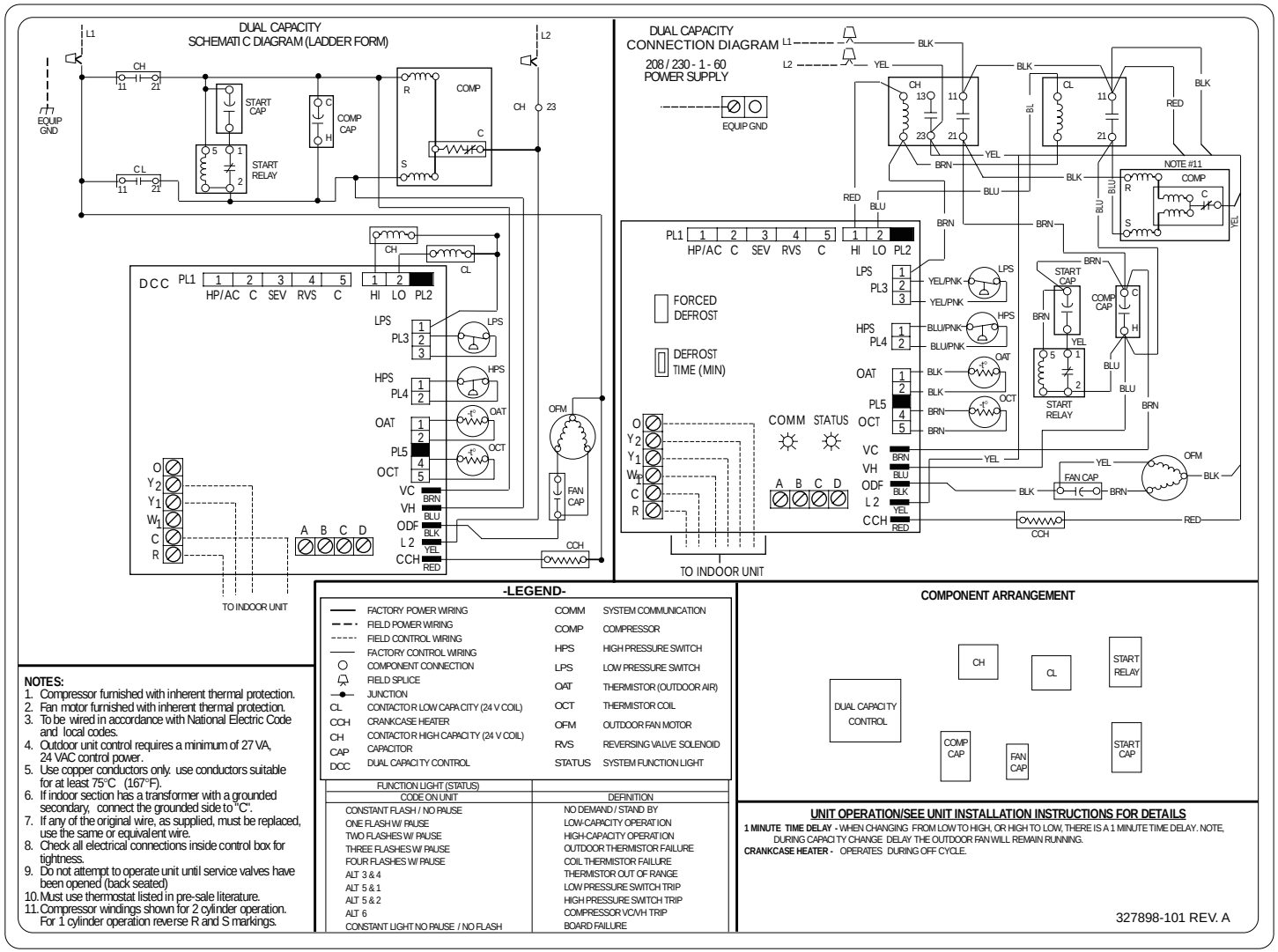
1 MINUTE TIME DELAY - WHEN CHANGING FROM LOW TO HIGH, OR HIGH TO LOW, THERE IS A 1 MINUTE TIME DELAY. NOTE, DURING CAPACITY CHANGE DELAY THE OUTDOOR FAN WILL REMAIN RUNNING.

CRANKCASE HEATER - OPERATES DURING OFF CYCLE.

326468-101 REV. A

A01379

Fig. 2—Wiring Diagram–037



A02205

Fig. 3—Wiring Diagram–060

Copyright 2002 CARRIER Corp. • 7310 W. Morris St. • Indianapolis, IN 46231

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.