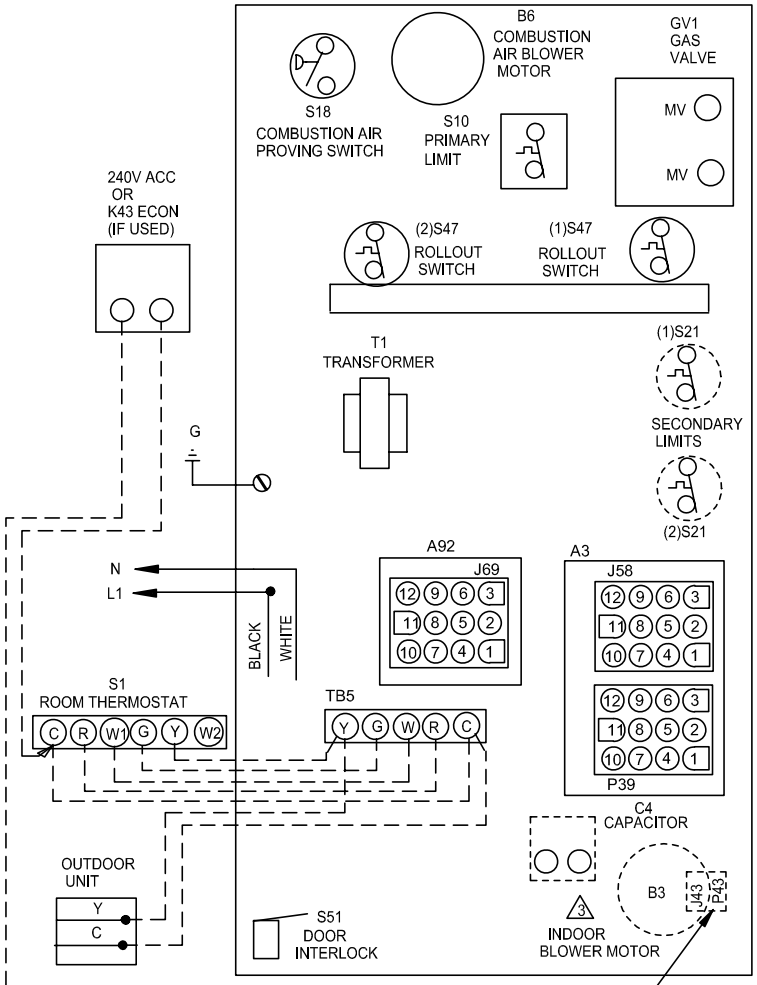
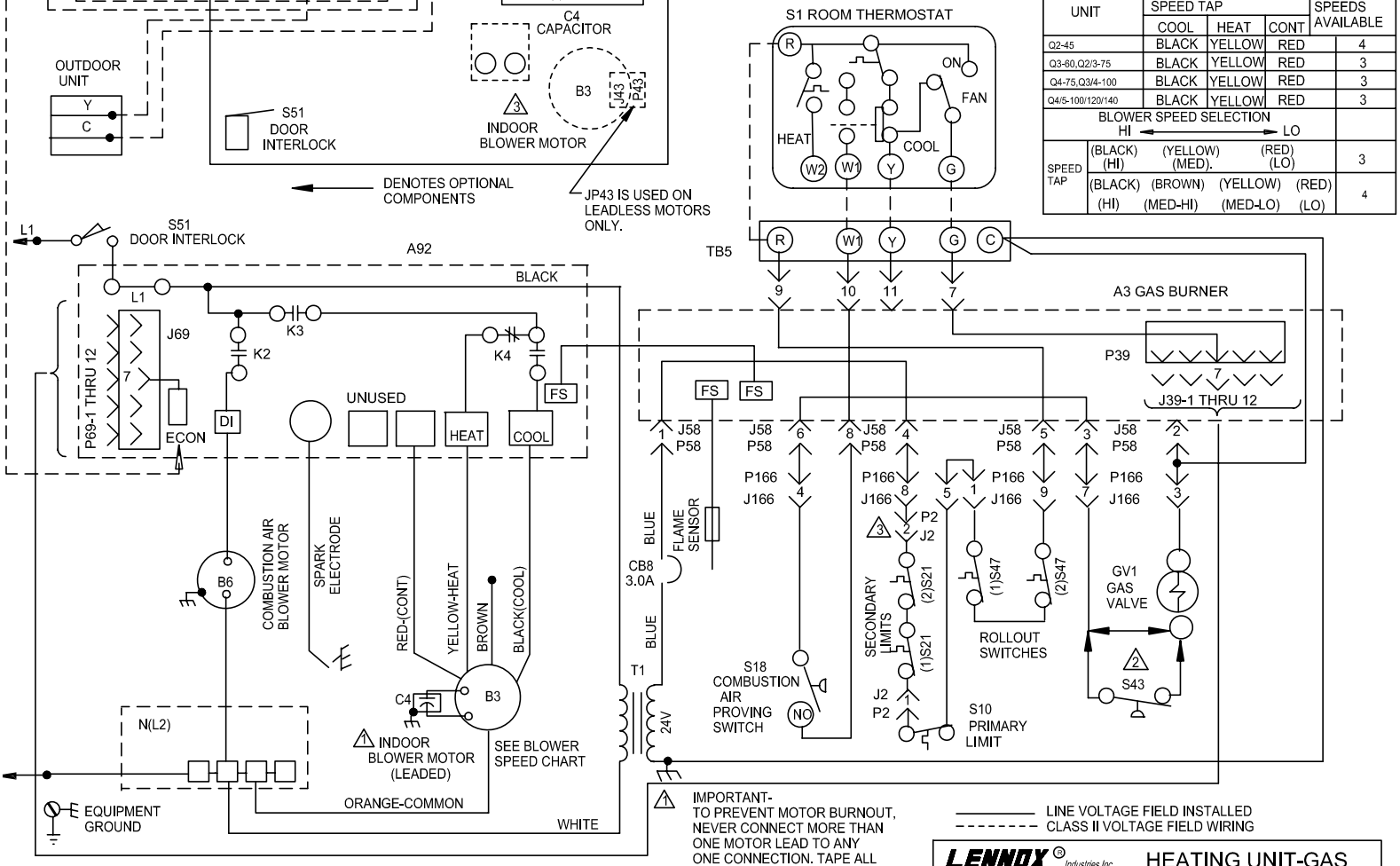


DESCRIPTION	
KEY	COMPONENT
A3	CONTROL,BURNER,IGNITION
A92	CONTROL-IGNITION, DSI
B3	MOTOR,BLOWER
B6	MOTOR,COMBUSTION AIR BLOWER
C4	CAPACITOR,BLOWER MOTOR
CB8	BREAKER,CIRCUIT
GV1	VALVE,GAS
J,P2	JACK/PLUG-UNIT, HEAT
J,P39	JACK/PLUG-CONTROL, INTERFACE
J,P43	JACK/PLUG-BLOWER MOTOR
J,P58	JACK/PLUG-BURNER CONTROL
J,P69	JACK/PLUG-INTERFACE
J,P166	JACK/PLUG-HARNESS, INTERFACE
S1	THERMOSTAT-ROOM
S10	SWITCH-LIMIT,PRIMARY
S18	SWITCH,COMB. AIR BLWR PROVE
(1)S21	LIMIT,SECONDARY
(2)S21	LIMIT,SECONDARY
S43	SWITCH,LOW PRESS. GAS
(1)S47	SWITCH,FLAME ROLLOUT
(2)S47	SWITCH,FLAME ROLLOUT
S51	SWITCH,DOOR INTERLOCK
T1	TRANSFORMER,CONTROL
TB5	TERMINAL STRIP

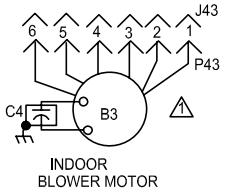
BLOWER SPEED CHART (LEADLESS MOTORS)				
UNIT	FACTORY CONNECTED SPEED TAP			MOTOR SPEEDS AVAILABLE
	COOL	HEAT	CONT	
Q2-45	2	4	5	3
Q3-60,Q2/3-75	2	3	4	3
Q4-75,Q3/4-100	2	3	4	3
Q4/5-100/120/140	2	3	4	
BLOWER SPEED SELECTION HI ← → LO				3
SPEED TAP	2	3	4	4
	2	3	4 5	

BLOWER SPEED CHART (LEADED MOTORS)				
UNIT	FACTORY CONNECTED SPEED TAP			MOTOR SPEEDS AVAILABLE
	COOL	HEAT	CONT	
Q2-45	BLACK	YELLOW	RED	4
Q3-60,Q2/3-75	BLACK	YELLOW	RED	3
Q4-75,Q3/4-100	BLACK	YELLOW	RED	3
Q4/5-100/120/140	BLACK	YELLOW	RED	3
BLOWER SPEED SELECTION HI ← → LO				
SPEED TAP	(BLACK) (HI)	(YELLOW) (MED).	(RED) (LO)	3
	(BLACK) (HI)	(BROWN) (MED-HI)	(YELLOW) (MED-LO) (RED) (LO)	4



IMPORTANT-
TO PREVENT MOTOR BURNOUT, NEVER CONNECT MORE THAN ONE MOTOR LEAD TO ANY ONE CONNECTION. TAPE ALL UNUSED MOTOR LEADS SEPARATELY.

LINE VOLTAGE FIELD INSTALLED
CLASS II VOLTAGE FIELD WIRING



FOR LEADLESS MOTORS-
SEE BLOWER SPEED CHART
FOR SPEED SELECTION.

FOR PROPANE/LP ONLY

USED ON UNITS WITH LEADLESS MOTORS ONLY

NOTE-IF ANY WIRE IN THIS APPLIANCE IS REPLACED,IT MUST BE REPLACED WITH WIRE OF LIKE SIZE,RATING AND INSULATION THICKNESS

WARNING-ELECTRIC SHOCK HAZARD, CAN CAUSE INJURY OR DEATH. UNIT MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL AND LOCAL CODES.

LENNOX® Industries Inc.

HEATING UNIT-GAS

G24M-6T

UNITS CONVERTED TO CONTROL KIT 40W53

0208

New Form No.
537051-01

© 2008

Litho U.S.A.