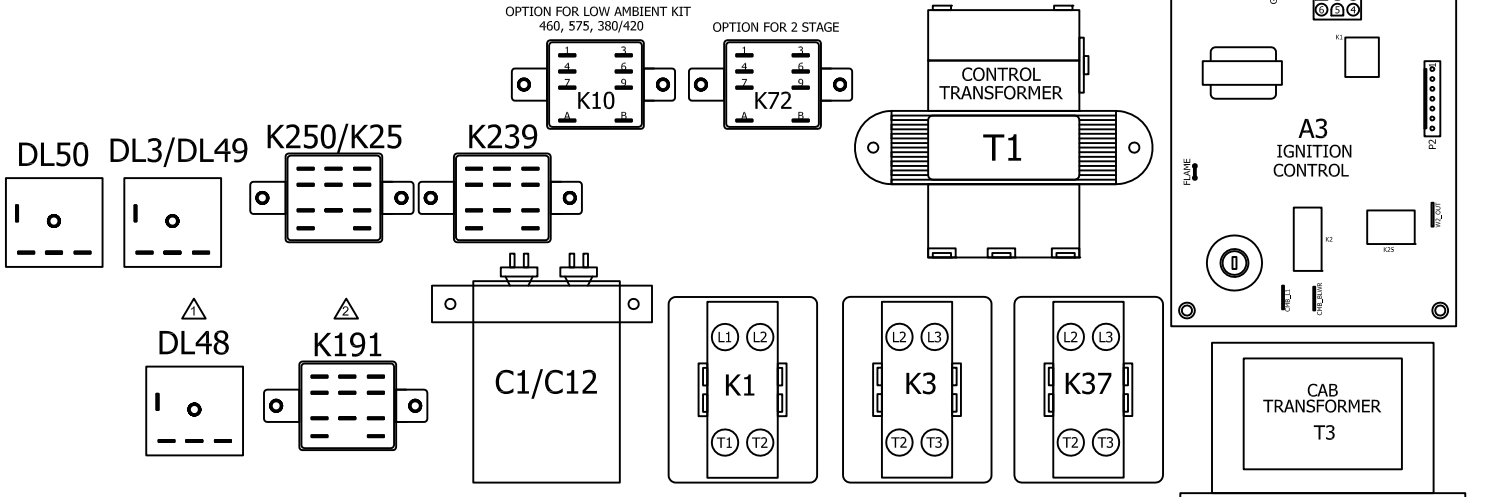


ZG_ CONTROL BOX ARRANGEMENT



KEY	COMPONENT
A2	ELECTRONIC SENSOR
A3	BURNER CONTROL BOARD
A6	SOLID STATE ENTHALPY CONTROL
A7	SOLID STATE ENTHALPY SENSOR
A63	CO2 SENSOR (IAQ)
B1	COMPRESSOR 1
B3	BLOWER MOTOR
B4	OUTDOOR FAN MOTOR
B6	COMBUSTION AIR BLOWER MOTOR
B7	ECONOMIZER OR DAMPER MOTOR
B10	EXHAUST FAN MOTOR
C1	OUTDOOR FAN CAPACITOR
C3	CAPACITOR, COMB AIR BLOWER
C6	CAPACITOR, EXHAUST FAN 1
C7	COMPRESSOR 1 HARD START CAPACITOR
C12	DUAL CAPACITOR
CMC3	TIME CLOCK
DL3	DELAY, GAS 2, 180 SECONDS, 11,16
DL48	DELAY, CRANKCASE HEATER
DL49	DELAY, BLOWER OFF
DL50	DELAY, 1.5 SEC DELAY ON MAKE
E1	SPARK
F1	TRANSFORMER 1 FUSE
FS1	FLAME SENSOR
GV	GAS VALVE
HR1	HEATER, COMPRESSOR 1
K1	COMPRESSOR 1 CONTACTOR
K3	BLOWER CONTACTOR
K8E	TRANSFER RELAY, ECONOMIZER
K10	OUTDOOR FAN RELAY
K31	HARD START RELAY
K37	RELAY, BLOWER
K65	EXHAUST FAN RELAY
K72	GAS 3 RELAY
K191	RELAY, CRANKCASE HEATER
K239	RELAY, Y1/W1 HI-LO SWITCHING RELAY
K250	RELAY, Y2 HIGH SPEED BLOWER
R1	MIXED AIR OR SUPPLY SENSOR
R2	MINIMUM POSITION POTENTIOMETER
R51	RESISTOR, MAT BYPASS
RT2	REMOTE THERMOSTAT SENSOR
RT26	SENSOR, OUTDOOR AIR TEMP
S3	LOW DISCHARGE TEMP LIMIT, COMPRESSOR 1
S4	HIGH PRESSURE LIMIT, COMPRESSOR 1
S5	HIGH TEMPERATURE LIMIT, COMPRESSOR 1
S10	PRIMARY GAS LIMIT SWITCH
S11	LOW AMBIENT LOW PRESSURE SWITCH
S18	COMBUSTION AIR BLOWER PROVING SWITCH
S43	LOW GAS PRESSURE SWITCH

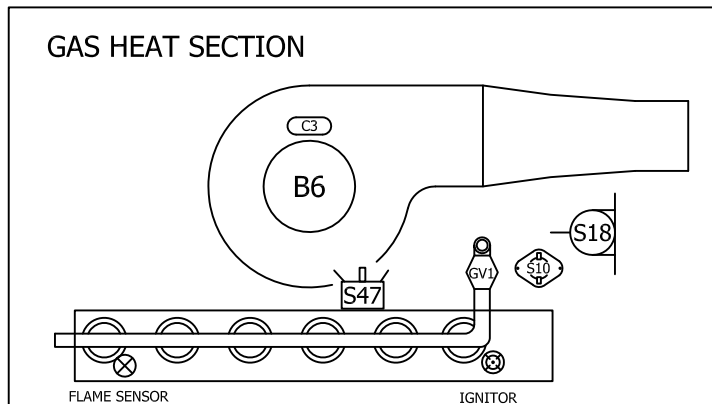
KEY LIST

S47	FLAME ROLLOUT SWITCH
S59	THERMOSTAT OPEN -20F , CLOSE 10F
S149	OVERFLOW SWITCH
S175	SENSIBLE (55-70) TEMPERATURE THERMOSTAT
T1	TRANSFORMER, CONTROL
T3	COMBUSTION AIR BLOWER TRANSFORMER
T10	EXHAUST FAN TRANSFORMER

- ⚠ ZGB UNITS ONLY.
- ⚠ ZGB AND ZGA 072 UNITS ONLY.

J/P #	JACK/PLUG DESCRIPTION
1	GAS LIMIT
2	HEAT
3	ECONOMIZER
4	ECONOMIZER
9	ECONOMIZER
18	EXHAUST FAN
19	COMBUSTION AIR BLOWER
21	COMBUSTION AIR BLOWER
24	EXHAUST FAN
29	GAS VALVE
39	CONTROL INTERFACE
349	DELAY TIMER POWER
350	BLOWER HIGH - LOW MECHANICAL SWITCHING JACK
351	BLOWER HIGH - LOW MECHANICAL SWITCHING JACK

GAS HEAT SECTION



12/15	WIRING DIAGRAM	12/15
	537712-02	
KEY LIST		
ZG_ KEY LIST AND COMPONENT ARRANGEMENT		
Supersedes 537712-01		Form No. 537712-02
		REV. 2