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731-06369-04

NOTE: EACH MOTOR AND HEATER IS TO BE FUSED SEPARATELY (BY OTHERS).
SEE CONTACTOR/STARTER FOR ANY SPECIFIC REQUIREMENTS.

FOR B.U.G. SEE "D" | OPERATING CONTROL | AUXILIARY L.W.C.O. | L.W.C.O.

1 PH. AUX. HEATER ENTRANCE

* FUSE BLOCK OR FUSED DISCONNECT

1 PHASE AUXILIARY HEATER

WHEN DRAFT CONTROL IS USED REMOVE JUMPER 5 TO 6 (SEE DRWG.# AHO-5627)

LOW GAS PRESSURE SWITCH

HIGH GAS PRESSURE SWITCH

P.O.C.

MAIN GAS VALVE

MAIN GAS VALVE W/P.O.C. FOR B.U.G. SEE "F"

OIL VALVE

SAFETY SHUT-OFF OIL VALVE

OUTSIDE TEMP. CONTROL (CLOSE ON RISE) FOR B.U.G. SEE "H"

FOR B.U.G. SEE "B"

CONTROL ENTRANCE

BLOWER MOTOR ENTRANCE | COMPRESSOR MOTOR ENTRANCE | METERING PUMP MOTOR ENTRANCE

EQUIP. GND. LUG

AUTO. MODULATING CONTROL

BURNER TERMINAL STRIP

HIGH OIL TEMPERATURE SWITCH

LOW OIL PRESSURE SWITCH

ATOMIZING AIR INTERLOCK SWITCH

COLD OIL LOCKOUT

D.P.D.T. RELAY

ARTISAN 121 SEC. TIME DELAYS

8 POLE MAG. CONT.4NO,4NC

AUTO

OIL

S.P.D.T. C/OFF OIL/AUTO SWITCH

BURNER SWITCH

1 CIRCUIT BREAKER

GREEN SCREW EQUIP. GND.

M.H. MODUTROL MOTOR

LOW FIRE START SWITCH

AUTO./MAN. MODULATING SELECTOR SWITCH
AUTO. MAN.

MANUAL MODULATING CONTROL 135 OHM

FLAME FAILURE (R)

MAIN FUEL (G)

IGNITION (A)

POWER ON (W)

HIGH FIRE AIR INTERLOCK FOR B.U.G. SEE "E"

FIREYE PROGRAMMER
E100 W/EP160 OR
E110 W/EPD160
AMPLIFIER E1R1

TWIST & RUN SCANNER WIRES SEPARATELY

48PT2 SCANNER

#1 | #2 MAGNETIC STARTERS

D.P.S.T. RELAY

BLOWER MOTOR

COMBUSTION AIR INTERLOCK SWITCH

COMPRESSOR SET TERMINAL STRIP

COMPRESSOR MOTOR

LUBE OIL VALVE

METERING PUMP MOTOR

GAS PILOT VALVE

IGNITION TRANSFORMER

BROOKLYN UNION GAS	
B	MANUAL RESET EXCESS LIMIT CUT OUT SWITCH (BY OTHERS)
C	
D	MANUAL RESET THERMAL SPILL SWITCH FOR BAROMETRIC DRAFT REGULATOR
E	HIGH FIRE INTERLOCK SWITCH REQD.FOR BROOKLYN UNION GAS MOUNTED ON BURNER AIR SHUTTER
F	WHEN NO P.O.C. IS USED JUMPER BURNER PANEL TERMINALS 10 AND 11.
G	
H	OUTDOOR TEMPERATURE CONTROL FOR B.U.G.TO BE DIGI-SPAN MODEL SPC-100-T RANGE (-30 DEG.TO +100 DEG.F.)

⬡ TERM.ON PROGRAM RELAY
——— WIRING BY I.C.
- - - - - - WIRING BY OTHERS

REVISIONS
1 04/18/95 KE HOTS W/S
2 12/18/97 DD LUBE OIL VALVE ADDED.
3 04/20/99 DD NEW FORMAT
4 08/21/06 DP AUTO./MAN. SWITCH WAS ADDED. METERING PUMP ENTRANCE REVISED.

731 06369	WIRE COLOR	SYMBOL
	YELLOW	Y
	ORANGE	O
	RED	R
	BLUE	BL
	WHITE	W
	BLACK	B

WIRE ALL CIRCUITS N.E.C. CLASS 1. NOT RESPONSIBLE FOR WIRING NOT INSTALLED AT THE FACTORY.

① SUPPLEMENTARY LOW OVERCURRENT PROTECTION ONLY. FUSE NOT LARGER THAN 15 AMPS.

SCALE

DATE 09/06/94

DRAWN K.J.E.

* OPTIONAL EQUIPMENT NOT FURNISHED UNLESS SPECIFIED IN CONTRACT.

MEG-34,42,54,63
LV-190-600/3/60
CC-120/1/60

INDUSTRIAL COMBUSTION
MONROE, WIS.

SIZE D | DRWG. NO. 731 06369 | 04