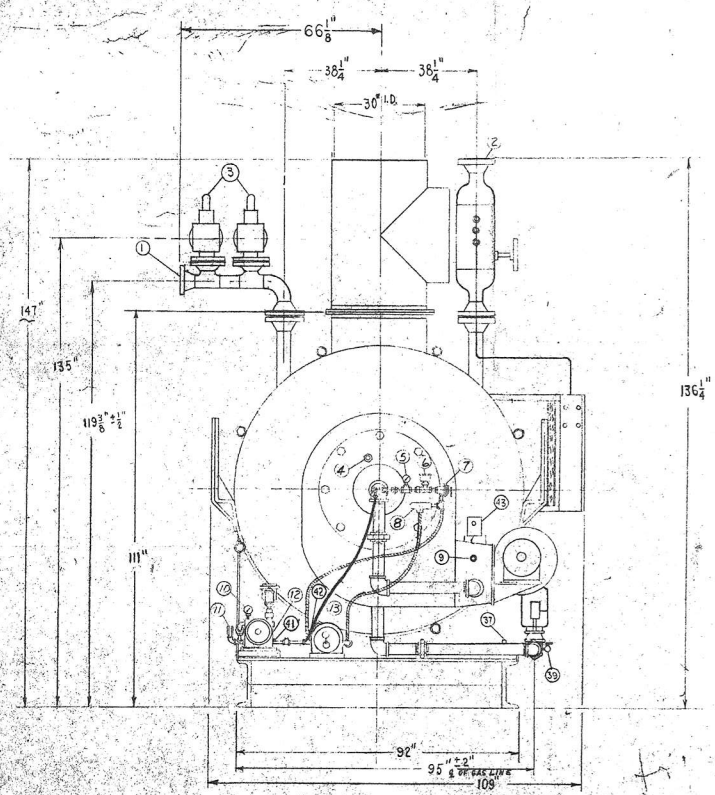
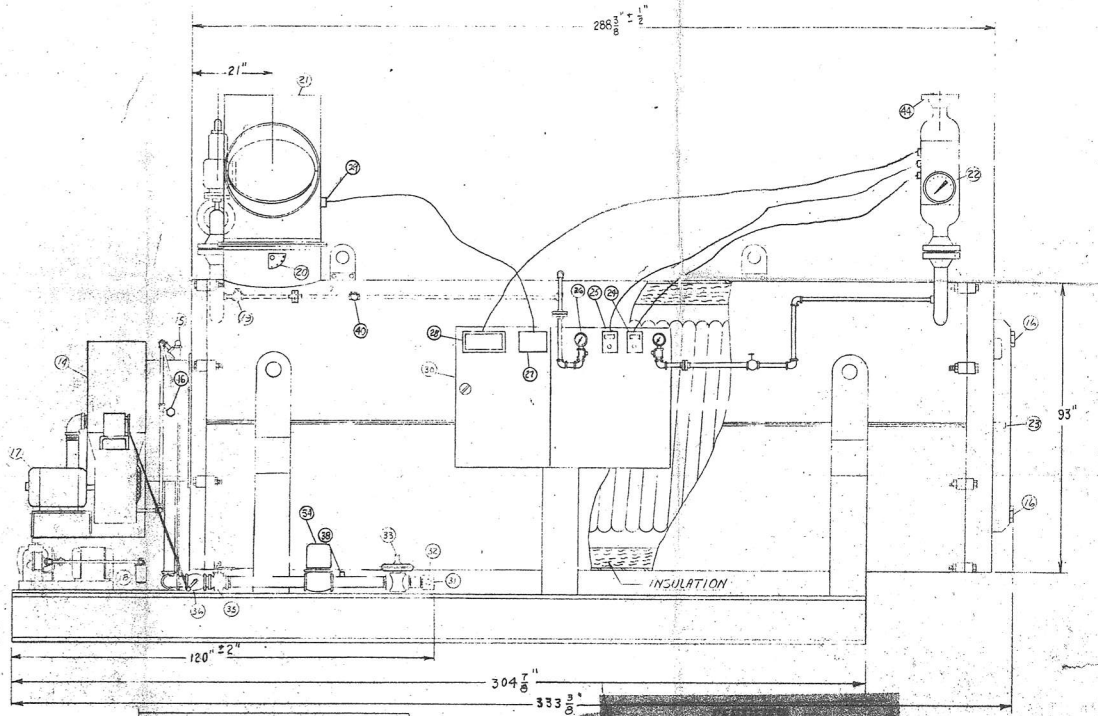
1	4"-300# FLANGED INLET	17	H.P. BLOWER MOTOR 2385460 5350 5360 R.P.M. T.E.P.C.	33	MAXITROL RV-110 MAIN GAS REGULATOR
2	4"-300# FLANGED OUTLET	18	OIL FILTER WITH ¾ OIL INLET	34	3" ECLIPSE #312 MV MAIN GAS VALVE
3	RELIEF VALVE, 3x4x LW-126 (LONGERON)	19	½" FORGED STEEL NEEDLE VALVES	35	MAIN GAS SHUT-OFF COCK (3") DEZURIK
4	PHOTO CELL M.H. C7014A5 #1046628 CELL	20	CHOKE DAMPER	36	BUTTERFLY VALVE MHYSIE (3")
5	OIL PRESSURE GAUGE 0-60	21	30" I.D. BAROMETRIC TEE	37	HIGH GAS PRESS SW. CONNECTION (CONTROL LOCATED IN WP ENCLOSURE
6	OIL SOLENOID VALVE, ASCO #LB8266B2	22	100°F-800°F THERMOMETER	38	LOW GAS PRESS SW CONNECTION (CONTROL LOCATED IN WP ENCLOSURE
7	OIL METERING VALVE SENSITROL 240-02D	23	1" SMOTHERING CONNECTION	39	LEAK TEST COCK
8	OIL RELIEF VALVE FULFLO ⅜"	24	PR. TEMP. CONTROL SW. PARTLOW LFF-780	40	PRESS CONN. (HIGH CIR. MH L404A 25-300#) PRESS. SWITCHES LOCATED IN WP ENCLOSURE (LOW CIR. MH L404B 25-300#)
9	COMB. AIR PRESS CONNECTION (CONTROL LOCATED IN WP ENCLOSURE	25	OFF-ON TEMP. CONTROL SW. PARTLOW ZF5-780	41	ATOMIZING AIR PRESS. CONN. (CONTROL LOCATED IN W.P. ENCLOSURE
10	AIR PRESS GAUGE 0-30	26	0-200# PRESSURE GAUGE	42	LOW OIL AIR PRESS. CONN. (CONTROL LOCATED IN W.P. ENCLOSURE
11	AIR RELIEF VALVE KUNKLE FIG. 11	27	PARTLOW C10X-BP STACK LIMIT	43	CONTROL MOTOR M.H. 941D
12	AIR COMPRESSOR GAST #2065 P.I.O.	28	LIMIT TEMP. CONTROL SW. PARTLOW ZFHL-780 (MOUNTED IN WP ENCLOSURE	44	5"-300# FLANGED OUTLET
13	OIL PUMP & MOTOR WORTHING #1GAM WITH ⅓ H.P. TEFC MOTOR	29	STACK LIMIT TEMP. CONTROL CONN.		
14	PR SIZE "C" BURNER	30	CONTROL PANEL		
15	IGNITION SPARK ELECTRODE	31	GAS INLET -3"		
16	PEEPSIGHTS	32	½" PILOT CONNECTION		





AIR VOLUME AVAILABLE FOR PREPURGE			
FAN CAPACITY CFH CFS 80% GPS	37 SEC. @100%	12 SEC. @80%	35 SEC. @100%
133,100 36.6 29.3	1354.2	351.6	1281.0
TOTAL PURGE AVAILABLE-3186.8 CU. FT.	HEATER VOLUME #4 3136.0		

OUTPUT 8,500,000. BTU/HR
HEATING SURFACE 1310 SQ. FT.
GALS. LIQUID FILL 737
APPROX. SHIPPING WT 30,900 LBS

[redacted]

FOR: CAROTEK CO.
P.O. #5188
(F.M. APPROVED CONTROLS)

BREAK ALL CORNERS APPROX. .015" R MAX. AND MAKE ALL FINISHED SURFACES 125 UNLESS OTHERWISE SPECIFIED

REV.	LOC.	DESCRIPTION	BY	DATE	REV.	LOC.	DESCRIPTION	BY	DATE	REV.	LOC.	DESCRIPTION	BY	DATE	REV.	LOC.	DESCRIPTION	BY	DATE	REV.	LOC.	DESCRIPTION	BY	DATE
		CHANGE RECORD					CHANGE RECORD					CHANGE RECORD					CHANGE RECORD					CHANGE RECORD		

DO NOT SCALE THIS DRAWING
FRAC. DIM. ±
DEC. DIM. ±
UNLESS OTHERWISE SPECIFIED
THIS PRINT SUPERSEDES PRINTS DATED PRIOR TO
MAY 27 1971

ASSEMBLY DRAWING FOR ECLIPSE 800 HC-LT-WP-COD-AAL-PRD HEATER FOR DOWTHERM "A"

MATERIAL | PART NO. | ASSEMBLY NO.

SCALE NONE
DATE 5-26-71
DRAWN BY SGC
CHECKED
TRACED
APP'D
DRAWING NO. 4A-15124C-1

ECLIPSE LOOKOUT CO.
CHATTANOOGA, TENNESSEE
ECLIPSE BOILER DIV. LOOKOUT BOILER & MFG. CO.
SHEET NO. OF SHEETS