



#### BOILER CONNECTIONS

A.(1) WATER OUTLET	3" NPT
B.(1) WATER RETURN	3" NPT
C.(3) LWCO	1" NPT
D.(1) SAFETY VALVE	1" NPT
E.(1) SAFETY VALVE	1" NPT
F.(4) BOILER DRAIN	2" NPT
G.(1) WATER CIRCULATION	2" NPT
H.(2) HANDHOLE	3" x 4"
J.(1) MAINWAY	1 1/2" NPT
K.(1) SIGHTPORT	1 1/4" PIPE
L.(1) AIR VENT	1/2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(4) AQUASTAT	3/4" NPT
P.(1) AQUASTAT	3/4" NPT
Q.(1) STACK TEMP	1/2" NPT
R.(1)	
S.(1)	

#### RATINGS & CAPACITIES

HORSEPOWER	25
DESIGN PRESSURE	30 PSIG WATER
DESIGN TEMPERATURE	2507 F
GROSS OUTPUT	837 MBH
HEAT RELEASE (FURNACE ONLY)	145,670 BTU/GPH
RATED INPUT	1,048 MBH
HEATING SURFACE (ASME)	126
FURNACE HEATING SURFACE	11.88 SqFt
FURNACE VOLUME:	
FURNACE ONLY	7.18 CuFt
TURN-AROUND ONLY	9.07 CuFt
WATER CAPACITY:	
(FULL)	210 Gal
	1,750 Lbs
SHIPPING WEIGHT:	3,800 Lbs

LR	DATE	REVISION

#### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION IV.
4. BOILER INSULATED WITH 2" - 84 DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
6. HORSE POWER & RELATED INFO BASED ON 5 Sg/Ft FIRING.



OSAGE

BOILER MODEL  
3-5-124-W30

SCALE  
1/24

CHECKED BY  
?  
DRAWN BY  
?  
DRAWING No.  
?

DATE  
DATE

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