



BOILER CONNECTIONS

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

RATINGS & CAPACITIES

HORSEPOWER	73*
DESIGN PRESSURE	30 PSIG WATER
DESIGN TEMPERATURE	250 F
GROSS OUTPUT	2,444 MBH*
HEAT RELEASE (FURNACE ONLY)	105,200 Btu/Hr*
RATED INPUT	3,056 MBH*
HEATING SURFACE (ASME)	384 SqFt
FURNACE HEATING SURFACE	34,750 SqFt
FURNACE VOLUME	
FURNACE ONLY	28.01 CuFt
TURN-AROUND ONLY	18.14 CuFt
WATER CAPACITY:	
(FULL)	519 Gal @ 4,280 Lbs
SHIPPING WEIGHT:	7,400 Lbs

REVISION

NO.	DATE	REVISION	BY	REPRESENTATIVE
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NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATIONS.
2. SPECIFICATION SHEET TAKES PRIORITY OVER "K" & "D" SHEET.
3. BOILER DESIGN CODE ASME SECTION I.
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. HORSEPOWER & RELATED INFO BASED ON 5 SqFt Firing.

STANDARD BOILER

CHANGED BY ?
DATE ?

OSAGE BOILER MODEL
3-5-364-W30

SCALE
1/34

CHANGED BY ?
DATE ?

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