



BOILER CONNECTIONS

A.(1) WATER OUTLET	4" NPT
B.(1) WATER RETURN	4" NPT
C.(3) LWC	1" NPT
D.(1) SAFETY VALVE	2" NPT
E.(1) SAFETY VALVE	2" NPT
F.(4) BOILER DRAIN	2" NPT
G.(1) WATER CIRCULATION	2" NPT
H.(3) HANDHOLE	3" x 4"
J.(1) MANWAY	1 1/4" PIPE
K.(1) SIGHT PORT	1 1/4" PIPE
L.(1) AIR VENT	1" NPT
M.(1) LOW FIRE HOLD	1 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	40
DESIGN PRESSURE	30 PSIG WATER
DESIGN TEMPERATURE	250° F
GROSS OUTPUT	1,339 MBH
HEAT RELEASE (FURNACE ONLY)	115,791 BTU/GalF
RATED INPUT	1,674 MBH
HEATING SURFACE (ASME)	201 SqFt
FURNACE HEATING SURFACE	20.92 SqFt
FURNACE VOLUME:	
FURNACE ONLY	14.45 CuFt
TURN-AROUND ONLY	10.95 CuFt
WATER CAPACITY:	
(FULL)	355 Gal @ 2.954 Lbs
SHIPPING WEIGHT:	5,200 Lbs

LN	DATE

REVISION

BY REPRESENTATIVE

X
PROJECT
-X

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" - 8# 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 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY
?
DRAWN BY
?

DATE
DATE

OSAGE

BOILER MODEL

3-5-201-W30

SCALE

1/26

DRAWING NO.

?

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