



BOILER JUNCTION BOX

BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) WATER OUTLET	6" 150# FLANGE	HORSEPOWER	150					?
B.(1) WATER RETURN	6" 150# FLANGE	DESIGN PRESSURE	30 PSIG WATER					
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250F					
D.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	5021 MBH					
E.() SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	120566 BTU/CuFt					PROJECT:
F.(1) BOILER DRAIN	2" NPT	RATED INPUT	6277 MBH					?
G.() WATER CIRCULATION		HEATING SURFACE (ASME)	761 SqFt					
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	85.03 SqFt					
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:						
K.(1) CLEANOUT	15" ID	FURNACE ONLY	52.06 CuFt					
L.(1) AIR VENT	2" NPT							
M.(1) LOW FIRE HOLD	1/2" NPT	WATER CAPACITY:						
N.(4) AQUASTAT	1/2" NPT	(FULL)	1349 Gal @ 11216 Lbs					
P.(1) AQUASTAT	3/4" NPT	SHIPPING WEIGHT:	13,500 Lbs					
Q.(1) STACK TEMP	1/2" NPT							
R.()								
S.()								

NOTES			
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. 2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET. 3. REAR DOOR SWING: (1) MIN SIDE, MAX REAR (2) MAX SIDE, MIN REAR 4. BOILER DESIGN CODE ASME SECTION IV. 5. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET. 6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED. *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.			

	CHECKED BY	DATE	THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.
	DRAWN BY	DATE	
BOILER MODEL			
SCALE	DRAWING No		
1/48	?		