



UNIT UNDERGOING REFURBISHMENT

COMPLETED IMAGES COMING SOON

POWERHOUSE

B-918

2010 S-250-GP2-60-150



GENERAL DESIGN

STANDARDS & CERTIFICATIONS



ASME Section I



National Board
Registered



NFPA-85 Build
Standard



Hartford Steam
Boiler Inspected

MANUFACTURER (OEM)	Hurst
YEAR	2010
SERIAL NO.	S253-150-2
NATIONAL BOARD NO.	16742
CRN NO.	M7291.5
MODEL	S-250-GP2-60-150
ASME CODE SECTION	Section 1
TYPE	Scotch
DESIGN	Two-Pass Semi Wetback Firetube
MOUNTING	Saddles & Skid-Mounted
INTERNAL	Plain Furnace & Straight Rifled Tubes



CAPACITIES & INPUTS

OUTPUT SERVICE	HPS, LPS
OUTPUT CAPACITY	2,070 LB/HR
HORSEPOWER	60 BHP
DESIGN PRESSURE (MAWP)	150 PSIG
OPERATING RANGE	15 - 135 PSIG
HEATING SURFACE	253 ft ²
MAX. FUEL INPUT	NG: 2,520,000 BTU/HR #2: 18 GAL/HR
STANDARD FUELS ¹	Natural Gas & #2 Fuel Oil
ADDITIONAL FUELS ²	
INPUT GAS PRESSURE	MAX: 1.0 PSIG MIN: 14 IN WC
TURNDOWN RATIOS	NG: 2.5:1 #2: 1.6:1
EMISSION RATING (NOX)	NG: 80 PPM #2: 135 PPM

¹ Standard Fuels: Boiler comes ready to burn these fuels including fuel train, safety devices, integral wiring and delivery systems.

² Additional Fuels: Boiler is capable of running on these fuels but requires modifications to the burner, fuel delivery systems and wiring, at additional cost.



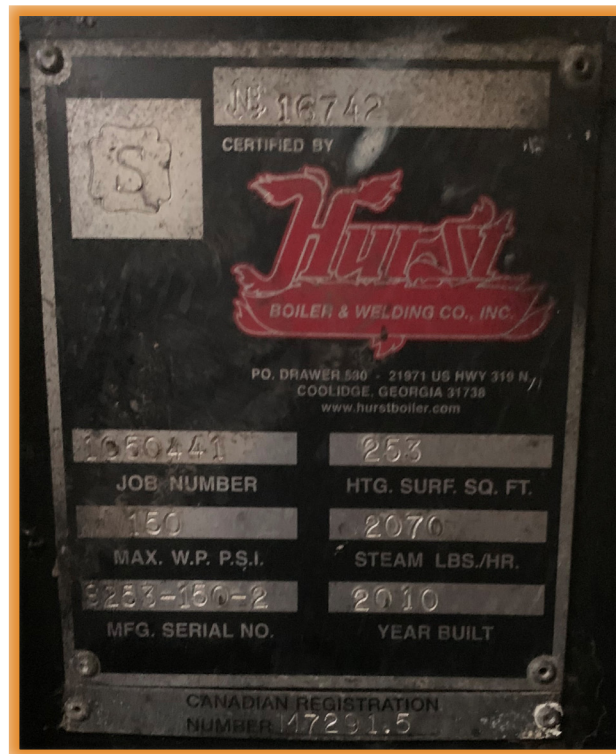
BURNER AND ELECTRICAL

BURNER MANUFACTURER (OEM)	Webster
MODEL	JB2C-07
TYPE	Modulation
FLUE GAS RECIRCULATION (FGR)	No
ELECTRIC	480V/3Ph/60Hz
ATOMIZATION	Pressure
CONTROL TYPE	Single-Point Positioning
BOILER CONTROL SYSTEM	-
BURNER MANAGAMENT SYSTEM	Honeywell RM7840L
FLAME SAFEGUARD	UV Scanner
BLOW MOTOR	0.75 HP
BURNER INSTALLED	Yes
PILOT TYPE	Propane (LPG), NG, Spark
INSTRUMENT AIR	-
AIR COMPRESSOR	-



DIMENSIONS AND WEIGHTS

OVERALL LENGTH	14' 5-1/2"
OVERALL HEIGHT	5' 6-5/8"
OVERALL WIDTH	5' 1"
SHIPPING WEIGHT	7,475 LBS
OPERATING WEIGHT	11,420 LBS
BOILER OUTLET	4" \varnothing 300# FLG.
EXHAUST OUTLET	14" \varnothing OD



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