



**\*UNIT UNDERGOING REFURBISHMENT\***

COMPLETED IMAGES COMING SOON

**POWERHOUSE**

**B-983**

2012 S5-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	2012
SERIAL NO.	S300-150-63
NATIONAL BOARD NO.	18149
CRN NO.	M8932.5
MODEL	S5-GP2-60-150
ASME CODE SECTION	Section 1
TYPE	Scotch
DESIGN	Four-Pass Wetback Firetube
MOUNTING	Saddles & Skid-Mounted
INTERNAL	Plain Furnace & Straight Tubes



## CAPACITIES & INPUTS

OUTPUT SERVICE	HPS
OUTPUT CAPACITY	2,070 LB/HR
HORSEPOWER	60 BHP
DESIGN PRESSURE (MAWP)	150 PSIG
OPERATING RANGE	90 - 135 PSIG
HEATING SURFACE	300 ft <sup>2</sup>
MAX. FUEL INPUT	NG: 2,520,000 BTU/HR #2: 18 GAL/HR
STANDARD FUELS <sup>1</sup>	Natural Gas & #2 Fuel Oil
ADDITIONAL FUELS <sup>2</sup>	
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

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

<sup>2</sup> 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 MANAGMENT 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	11' 5"
OVERALL HEIGHT	5' 6-5/8"
OVERALL WIDTH	5' 6"
SHIPPING WEIGHT	6,450 LBS
OPERATING WEIGHT	9,600 LBS
BOILER OUTLET	2-1/2" NPT
EXHAUST OUTLET	12" $\varnothing$ OD

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