



(STOCK PHOTO - NOT ACTUAL BOILER)

B-1252

2007 PFTA-250-4LH-150S

To Be Refurbished



GENERAL DESIGN

STANDARDS & CERTIFICATIONS



ASME Section I



National Board
Registered



NFPA-85 Build
Standard



Hartford Steam
Boiler Inspected

MANUFACTURER (OEM)	Johnston
YEAR	2007
SERIAL NO.	10644-01
NATIONAL BOARD NO.	10639
CRN NO.	-
MODEL	PFTA250-4LH-150S
ASME CODE	Sect. I - High Pressure Steam
TYPE	Scotch Marine
DESIGN	Four-Pass Wet Back Firetube
MOUNTING	Saddles & Skid-Mounted
INTERNAL	Straight Furnace & Straight Tubes



CAPACITIES & INPUTS

OUTPUT CAPACITY	8,625 LB/HR
HORSEPOWER	250 BHP
DESIGN PRESSURE (MAWP)	150 PSIG
OPERATING RANGE	50 - 135 PSIG
HEATING SURFACE	1,295 FT ²
MAX. FUEL INPUT	#2: 71 GAL/HR #6: 65 GAL/HR
STANDARD FUELS ¹	#2 Oil & #6 Oil
ADDITIONAL FUELS ²	Natural Gas
INPUT GAS PRESSURE	-
TURNDOWN RATIOS	#2: 4:1 #6: 4:1
EMISSION RATING (NOX)	Uncontrolled

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)	Johnston
MODEL	Series A
TYPE	Full Modulation
FLUE GAS RECIRCULATION (FGR)	No
ELECTRIC	240V/3PH/60Hz
ATOMIZATION	Air
CONTROL TYPE	Single-Point Positioning
BOILER CONTROL SYSTEM	-
BURNER MANAGEMENT SYSTEM	TBD
FLAME SAFEGUARD	TBD
BLOW MOTOR	7.5 HP
BURNER INSTALLED	Yes
PILOT TYPE	NG
INSTRUMENT AIR	-
AIR COMPRESSOR	3 HP



DIMENSIONS AND WEIGHTS

OVERALL LENGTH	16' 1"
OVERALL HEIGHT	9' 2-1/4"
OVERALL WIDTH	8' 10"
SHIPPING WEIGHT	24,500 LBS
OPERATING WEIGHT	36,000 LBS
BOILER OUTLET	6" 300# FLG
EXHAUST OUTLET	18" \emptyset ID



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