



(STOCK PHOTO - NOT ACTUAL BOILER)

B-1251

2008 PFTA-750-4HG-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	2008
SERIAL NO.	10761-02
NATIONAL BOARD NO.	10782
CRN NO.	-
MODEL	PFTA750-4HG-150S
ASME CODE	Sect. I - High Pressure Steam
TYPE	Scotch Marine
DESIGN	Four-Pass Wet Back Firetube
MOUNTING	Saddles & Skid-Mounted
INTERNAL	Corrugated Furnace & Straight Tubes



CAPACITIES & INPUTS

OUTPUT CAPACITY	25,875 LB/HR
HORSEPOWER	750 BHP
DESIGN PRESSURE (MAWP)	150 PSIG
OPERATING RANGE	95 - 135 PSIG
HEATING SURFACE	3,746 ft ²
MAX. FUEL INPUT	NG: 30,263,000 BTU/HR #6: 192.8 GAL/HR
STANDARD FUELS ¹	Natural Gas & #6 Fuel Oil
ADDITIONAL FUELS ²	#2 Fuel Oil
INPUT GAS PRESSURE	MAX: 10 PSIG
TURNDOWN RATIOS	NG: 6:1 #6: 6:1
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	30 HP
BURNER INSTALLED	Yes
PILOT TYPE	NG
INSTRUMENT AIR	-
AIR COMPRESSOR	10 HP



DIMENSIONS AND WEIGHTS

OVERALL LENGTH	25' 9"
OVERALL HEIGHT	11' 3/4"
OVERALL WIDTH	10' 8"
SHIPPING WEIGHT	55,500 LBS
OPERATING WEIGHT	88,700 LBS
BOILER OUTLET	8" 300# FLG
EXHAUST OUTLET	28" ø ID



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