



(STOCK PHOTO - NOT ACTUAL BOILER)

B-1245

1992 PFTA-350-4G-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	1992
SERIAL NO.	8910-01
NATIONAL BOARD NO.	8429
CRN NO.	-
MODEL	PFTA350-4G-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	12,075 LB/HR
HORSEPOWER	350 BHP
DESIGN PRESSURE (MAWP)	150 PSIG
OPERATING RANGE	80 - 135 PSIG
HEATING SURFACE	1,750 ft ²
MAX. FUEL INPUT	NG: 14,650,000 BTU/HR
STANDARD FUELS ¹	Natural Gas
ADDITIONAL FUELS ²	#2 & #6 Fuel Oil
INPUT GAS PRESSURE	MAX: 5 PSIG
TURNDOWN RATIOS	NG: 3.3:1
EMISSION RATING (NOX)	NG: 110 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)	Johnston
MODEL	Series A
TYPE	Full Modulation
FLUE GAS RECIRCULATION (FGR)	No
ELECTRIC	460V/3PH/60Hz
ATOMIZATION	-
CONTROL TYPE	Single-Point Positioning
BOILER CONTROL SYSTEM	-
BURNER MANAGMENT SYSTEM	Honeywell RM7800L
FLAME SAFEGUARD	IR Scanner
BLOW MOTOR	10 HP
BURNER INSTALLED	Yes
PILOT TYPE	NG
INSTRUMENT AIR	None
AIR COMPRESSOR	Not Required



DIMENSIONS AND WEIGHTS

OVERALL LENGTH	20' 5"
OVERALL HEIGHT	9' 8"
OVERALL WIDTH	8' 5"
SHIPPING WEIGHT	27,500 LBS
OPERATING WEIGHT	49,750 LBS
BOILER OUTLET	6" 300# FLG
EXHAUST OUTLET	20" \varnothing ID



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