



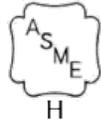
**B-1109**

2000 BT-32-360



# GENERAL DESIGN

## STANDARDS & CERTIFICATIONS



ASME Section IV



National Board  
Registered



NFPA-85 Build  
Standard



Hartford Steam  
Boiler Inspected

MANUFACTURER (OEM)	Sellers Engineering Company
YEAR	2000
SERIAL NO.	11404
NATIONAL BOARD NO.	9338
CRN NO.	-
MODEL	BT-32-360
ASME CODE SECTION	Section IV
TYPE	Water Heater
DESIGN	Single-Pass Firetube
MOUNTING	Skid-Mounted
INTERNAL	Copper Clad Tubes



## CAPACITIES & INPUTS

OUTPUT SERVICE	HHW
OUTPUT CAPACITY	52.7 GPM @ 100° ΔT
HORSEPOWER	75
DESIGN PRESSURE (MAWP)	150 PSIG
OPERATING RANGE	0 - 150 PSIG
HEATING SURFACE	161 ft <sup>2</sup>
MAX. FUEL INPUT	3,200,000 BTU/HR
STANDARD FUELS <sup>1</sup>	Natural Gas & Propane
ADDITIONAL FUELS <sup>2</sup>	-
INPUT GAS PRESSURE	MAX: 10 PSIG MIN: 12" W.C.
TURNDOWN RATIOS	3:1
EMISSION RATING (NOX)	< 50 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)	Sellers Engineering Company
MODEL	Multi Flame
TYPE	Pre-Mix
FLUE GAS RECIRCULATION (FGR)	No
ELECTRIC	208V/3PH/60Hz
ATOMIZATION	-
CONTROL TYPE	Pre-Mix
BOILER CONTROL SYSTEM	-
BURNER MANAGAMENT SYSTEM	Honeywell RM7840
FLAME SAFEGUARD	IR Scanner
BLOW MOTOR	3 HP
BURNER INSTALLED	Yes
PILOT TYPE	NG / Propane
INSTRUMENT AIR	-
AIR COMPRESSOR	-





# DIMENSIONS AND WEIGHTS

OVERALL LENGTH	12' 9"
OVERALL HEIGHT	6' 2"
OVERALL WIDTH	3' 10"
SHIPPING WEIGHT	5,460 LBS
OPERATING WEIGHT	8,000 LBS
BOILER OUTLET	3" NPT
BOILER RETURN	3" NPT
EXHAUST OUTLET	10" x 12"



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