

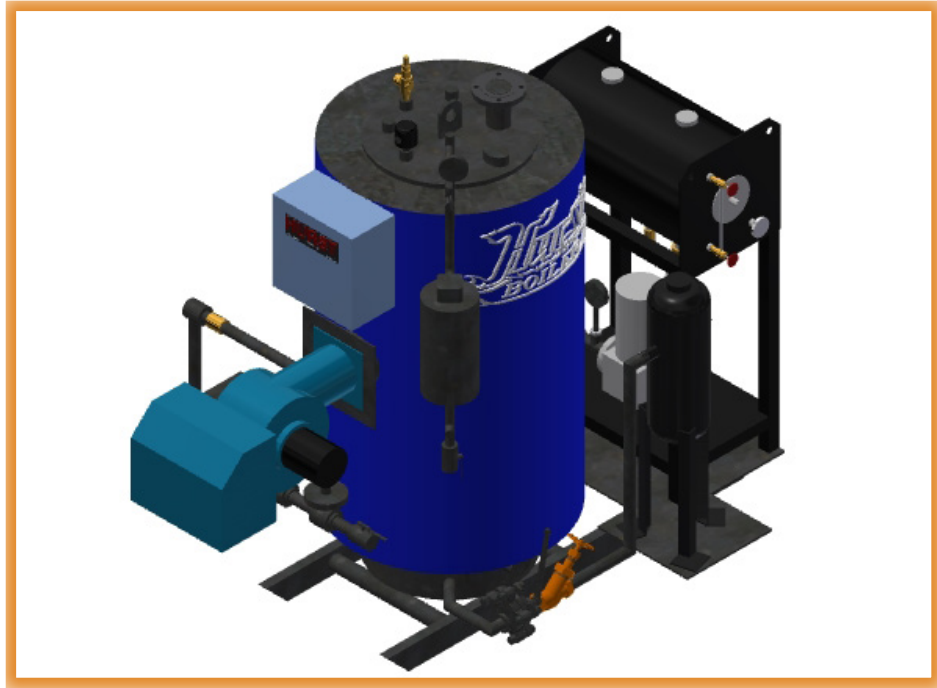


POWERHOUSE

BOILER SPECIFICATION SHEET

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800.37.STEAM



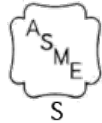
B-1274

2019 4VT-GP2-25-150/125



GENERAL DESIGN

STANDARDS & CERTIFICATIONS



ASME Section I



National Board
Registered



NFPA-85 Build
Standard



Hartford Steam
Boiler Inspected

MANUFACTURER (OEM)	Hurst
YEAR	2019
SERIAL NO.	V61-150-1581
NATIONAL BOARD NO.	23569
CRN NO.	R6133.5
MODEL	4VT-GP2-25-150/125
ASME CODE SECTION	Section I
TYPE	Vertical
DESIGN	Four-Pass Tubeless
MOUNTING	Skid-Mounted
INTERNAL	Plain Furnace & Cast Refractory Floor

AUXILIARY COMPONENTS INCLUDED

30 GALLON SIMPLEX FEED SYSTEM

BLOWDOWN SEPARATOR WITH AFTERCOOLER

MAIN STEAM OUTLET VALVE (3")



CAPACITIES & INPUTS

OUTPUT SERVICE	LPS, HPS, & HHW
OUTPUT CAPACITY	863 LB/HR
HORSEPOWER	25 BHP
DESIGN PRESSURE (MAWP)	150 PSIG - STM 125 PSIG - HHW
OPERATING RANGE	5 - 135 PSIG
HEATING SURFACE	61 ft ²
MAX. FUEL INPUT	NG: 1,050,000 BTU/HR #2: 7.5 GAL/HR
STANDARD FUELS ¹	Natural Gas & #2 Fuel Oil
ADDITIONAL FUELS ²	LPG
INPUT GAS PRESSURE	MAX: 14.0" WC MIN: 5.0" WC
TURNDOWN RATIOS	NG: 1.6:1 #2: 1.6:1
EMISSION RATING (NOX)	NG: 75 PPM #2: 90 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)	Powerflame
MODEL	C1-GO-12
TYPE	Modulation
FLUE GAS RECIRCULATION (FGR)	No
ELECTRIC	120V/1Ph/60Hz
ATOMIZATION	Pressure
CONTROL TYPE	Single Point Positioning
BOILER CONTROL SYSTEM	-
BURNER MANAGAMENT SYSTEM	Honeywell RM7800
FLAME SAFEGUARD	UV Scanner
BLOW MOTOR	0.5 HP
BURNER INSTALLED	Yes
PILOT TYPE	NG, LPG / Spark
INSTRUMENT AIR	-
AIR COMPRESSOR	-





DIMENSIONS AND WEIGHTS

OVERALL LENGTH	8' 2"
OVERALL HEIGHT	7' 4-7/8"
OVERALL WIDTH	4' 1-1/2"
SHIPPING WEIGHT	2,875 LBS
OPERATING WEIGHT	3,775 LBS
BOILER OUTLET	3" \varnothing 150# FLG.
BOILER RETURN	2.5" NPT
EXHAUST OUTLET	8" \varnothing ID



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