



POWERHOUSE

BOILER SPECIFICATION SHEET

POWERHOUSE.COM

800.37.STEAM



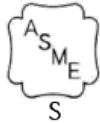
B-1297

2019 4VT-GP2-50-150S/125W



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.	V216-150-309
NATIONAL BOARD NO.	23877
CRN NO.	R3167.5
MODEL	4VT-GP2-50-150S/125W
ASME CODE SECTION	Section I
TYPE	Tubeless Vertical
DESIGN	Four-Pass Vertical
MOUNTING	Skid-Mounted Package
INTERNAL	Four Serpentine Fin Passages



CAPACITIES & INPUTS

OUTPUT SERVICE	HPS, LPS, & HHW
OUTPUT CAPACITY	1,725 LB/HR (Steam) 168 GPM @ 20° ΔT - HHW
HORSEPOWER	50 BHP
DESIGN PRESSURE (MAWP)	150 PSIG
OPERATING RANGE	30 - 140 PSIG
HEATING SURFACE	216 FT ²
MAX. FUEL INPUT	NG: 2,100,000 BTU/HR #2: 15.0 GAL/HR
STANDARD FUELS ¹	Natural Gas & #2 Fuel Oil
ADDITIONAL FUELS ²	-
INPUT GAS PRESSURE	5.8 - 14.0 " WC
TURNDOWN RATIOS	NG: 2.8:1 #2: 2.7:1
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

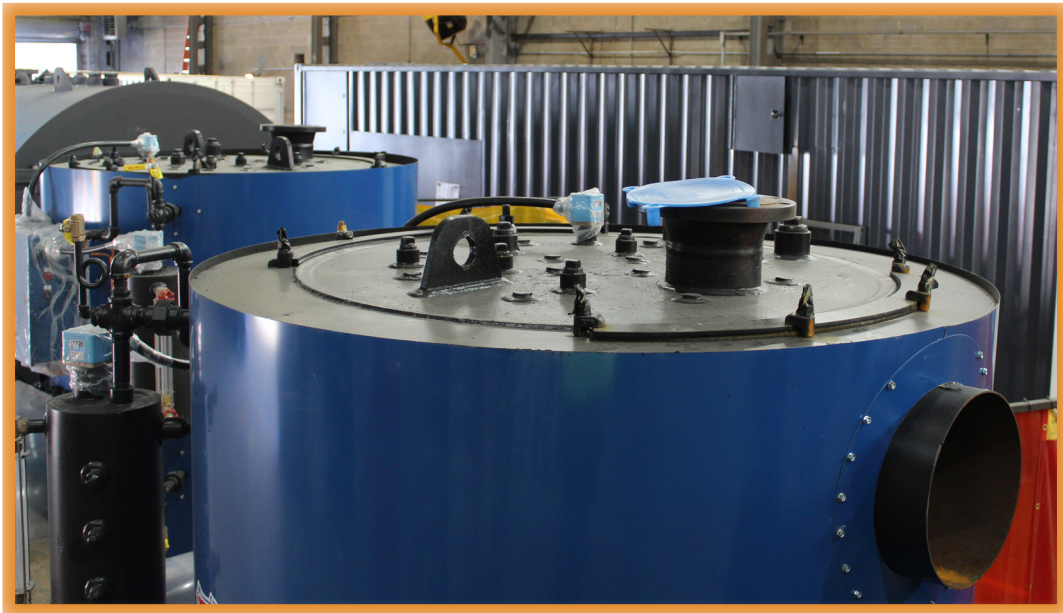
BURNER MANUFACTURER (OEM)	Power Flame
MODEL	C2-GO-20B
TYPE	LHO Operation
FLUE GAS RECIRCULATION (FGR)	No
ELECTRIC	460V/3PH/60Hz
ATOMIZATION	Pressure
CONTROL TYPE	Single-Point Positioning
BOILER CONTROL SYSTEM	-
BURNER MANAGAMENT SYSTEM	RM7897C-1000 Honeywell
FLAME SAFEGUARD	UV Scanner
BLOW MOTOR	1.5 HP ODP
BURNER INSTALLED	Yes
PILOT TYPE	NG, Spark
INSTRUMENT AIR	None
AIR COMPRESSOR	Not Required





DIMENSIONS AND WEIGHTS

OVERALL LENGTH	11' 2"
OVERALL HEIGHT	8' 9"
OVERALL WIDTH	5' 11-1/2"
SHIPPING WEIGHT	7,000 LBS
OPERATING WEIGHT	9,000 LBS
BOILER OUTLET	6" 150# FLG
BOILER RETURN	3" NPT - HHW
EXHAUST OUTLET	12" OD



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