

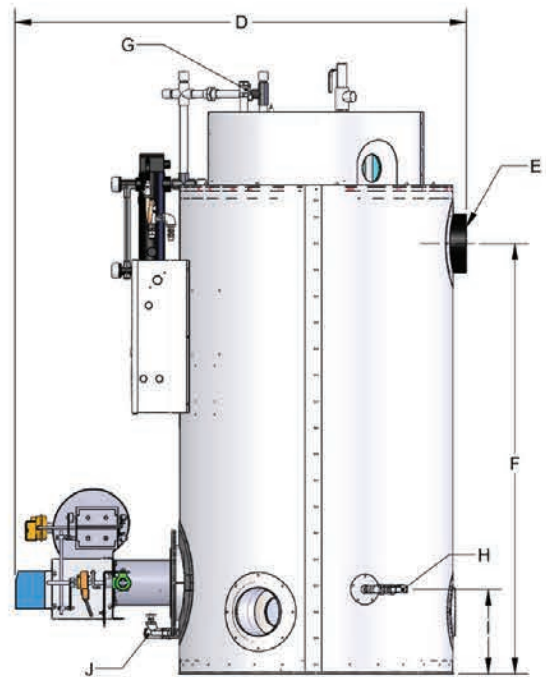
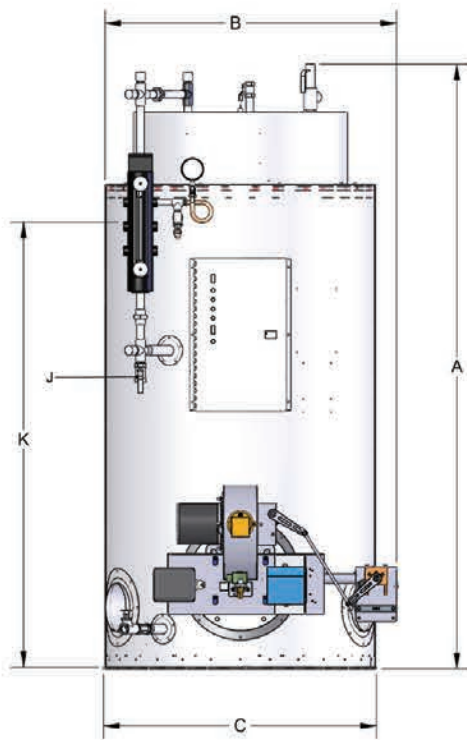


VT SERIES

VT FEATURES

- 150 PSI steam boiler (15 and 250 PSI also available)
- 10 - 60 BHP
- 399 - 2,520 MBTU/hr
- ASME Section I heat exchanger
- Vertical, tubeless, 3 pass design
- Submerged, water cooled furnace
- Wet leg design
- Extended heating surface fins
- CSD-1 compliant
- High dome design for quick draw & drier steam
- 3/8" Thick shell
- 16 Gauge steel jacketing
- High efficiency low-high-low and modulating burners available
- Low emission burners available
- Bottom mounted burner for fast & easy service





VT SPECIFICATIONS AND DATA

MODEL NUMBER:

VT-10

VT-15

VT-20

VT-25

VT-35*

VT-50*

VT-60*

RATINGS

Horsepower	9.5	15	20	25	35	50	60
Gas Input (BTU per hour)	399,000	630,000	840,000	1,050,000	1,470,000	2,100,000	2,520,000
Oil Input (Gals. per hour)	2.85	4.50	6.00	7.50	10.50	15.00	18.00
Output (BTU per hour)	320,000	504,000	672,000	840,000	1,176,000	1,680,000	2,016,000
Output (Lbs. steam per hour)	320	517	690	862	1207	1725	2070
Maximum Allowable Working Pressure	150	150	150	150	150	150	150
Water Capacity (Gals.)	52	70	86.5	110	140	240	414
Steam Release Surface Area	389 sq in	389 sq in	501 sq in	627 sq in	817 sq in	1402 sq in	1887 sq in
Hand Hole Sizes	(3)3x3-3/4	(3)3x3-3/4	(4)3x3-3/4	(4)3x3-3/4	(4)3x3-3/4	(4)3x3-3/4	(4)3x3-3/4

BOILER DIMENSIONS

A Boiler Height (includes piping)	72"	80"	82"	90"	96"	103"	103.75"
B Boiler Diameter (left to right, packaged including M & M)	34"	36"	39"	42"	43"	56"	63"
C Boiler Diameter (left to right, less trim & piping)	30"	34"	37"	40"	43"	56"	63"
D Burner to Flue Outlet (approx.)	56"	58"	59-1/2"	64"	71"	94"	96"
E Flue Outlet (diameter)	6"	8"	8"	10"	12"	12"	14"
F Flue Outlet to Floor (centerline)	48-1/4"	56-1/4"	57-1/4"	61-5/8"	69"	76-1/4"	77"
G Steam Outlet (IPS)*	1"	1"	1"	1-1/4"	1-1/4"	2"	3"
H Feedwater Inlet (IPS)	1/2"	1/2"	3/4"	3/4"	3/4"	1"	1"
I Feedwater Inlet to Floor (centerline)	6-1/2"	9-1/4"	11-1/4"	11-3/4"	13-1/2"	15-1/2"	16"
J Blowdown Outlet (IPS)	1"	1"	1"	1"	1"	1-1/4"	1-1/4"
K Normal Water Line to Floor	42"	59"	59-1/2"	67"	71-1/2"	81-1/2"	83-1/2"
Approx. Floor Space	3.25'x5.5'	3.25'x5.5'	3.25'x5.5'	4' x 6'	5' x 8'	6' x 10'	6' x 10'

CRATED DIMENSIONS

Left to Right	41-1/2"	41-1/2"	44"	44"	45-1/2"	56"	63"
Front to Rear	67"	67"	72"	72"	77"	96"	98"
Height	86"	86"	95"	95"	95"	104"	105"
Approx. Shipping Wt. (skidded & crated)	1900 lb	2500 lb	3150 lb	3450 lb	4650 lb	6200 lb	7000 lb

VT BOILER/BURNER UNITS: Completely assembled, piped, wired & factory tested with steam pressure gauge, water level gauge, gauge cocks with ball checks, gauge glass protector, steam safety valve, steam supply ball valve, boiler and water column blowdown valves, hand hole inspection plate assemblies, feedwater inlet ball valve & check valve, jacket and 3" poured refractory insulation, water column with probe type low water cut-off and pump control, additional probe type low water cut-off with manual reset, steam pressure control, steam hi-limit pressure control with manual reset, feed pump motor contactor, and UL listed burner with safety and operating controls. CSD-1 approval is standard on all boilers.

*VT-35 skid base 45" x 75" *VT-50 skid base 56" x 84" *VT-60 skid base 63" x 92" VT Boilers built for 15 psi steam have 3" outlet



Manufactured in the USA by
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