

VTECH

The VTECH is the newest dedicated hot water system on the market today and it is designed to provide you with continuous water temperatures all while lowering energy consumption. Its storage tank is available in sizes ranging from 60 to 125 gallons, and is constructed entirely of stainless steel.

With inputs ranging from 80,000 to 499,000 BTU/hr, efficiencies of 95%, and a turndown of 5:1, the fully modulating VTECH is the right choice for new commercial builds and retrofits. And with its sleek design and quiet operation, you can be confident that you'll never run out of hot water again.





Additional Features

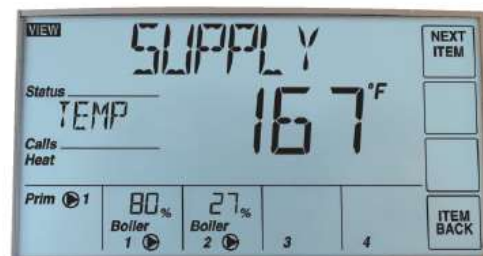
- Left or right side water connections
- Combustion thermal switch
- Stack temperature limit
- Proven hot surface ignition
- Neutralizer kit
- Integrated UL353 approved fail safe manual reset high limit @ 195°F
- 150 PSI temperature & pressure relief valve
- Thru wall exhaust vent (vertical or horizontal) with 3 intake options
 1. Outside air sealed direct
 2. Outside air
 3. Indoor air
- PVC/CPVC/Stainless Steel/PPE vent options
- Suitable for Category II and IV installations
- Single-point adjustment for air and gas
- 1:1 air/gas ratio

Main Features

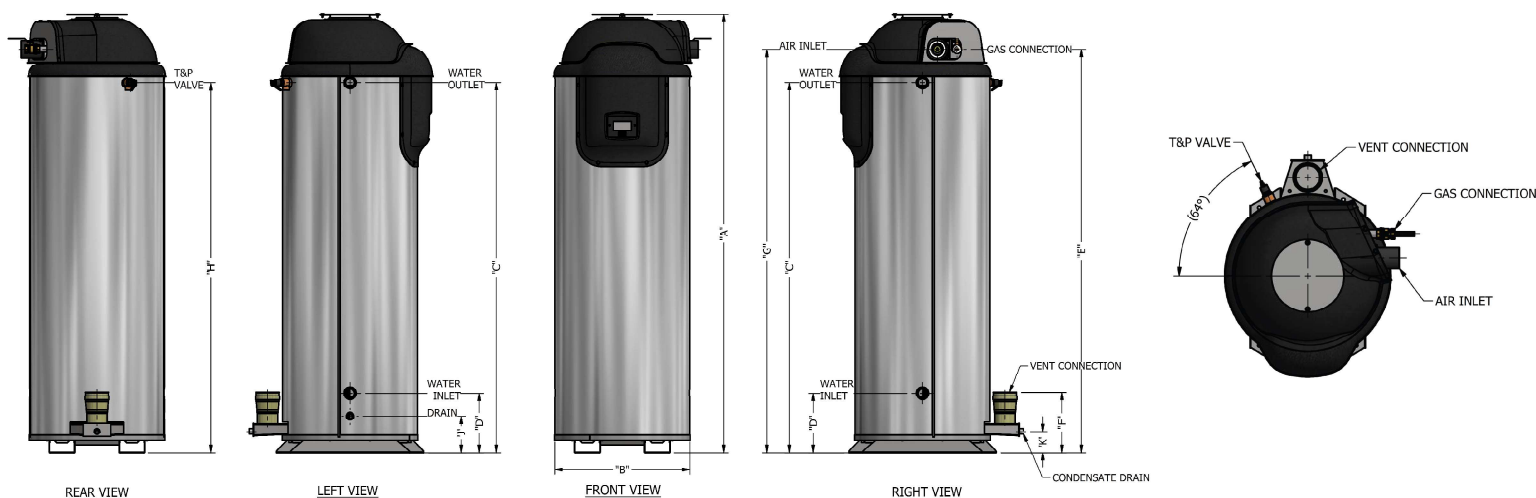
- Efficiencies of up to 95%
- Fully modulating with a 5:1 turndown
- Integrated digital operating control
- 160 PSIG M.A.W.P. stainless steel storage tank
- All stainless steel water surfaces
- Extremely low noise level of operation
- Available in natural gas or propane

Integrated digital operating control system

- User configurable multi-line backlit LCD display (Temperature readings, status, heater response, run hours, date and time)
- Secure access for both the user and installer
- Heater shuts down on flue gas high temperature detection
- Alarm contacts
- 15 error and lockout history with time & date stamp
- Real time flame signal
- Digital safety annunciation with fault rectification
- Unique programming card allowing for simplified setup and support
- Maximum operating setpoint of 190°F



Dimensions



Model	"A" - Floor to top of boiler	"B" - Jacket Diameter	"C" - Floor to hot water connection	"D" - Floor to cold water connection	"E" - Floor to gas connection	"F" - Floor to vent connection	"G" - Floor to air intake connection	"H" - Floor to T&P valve connection	"J" - Floor to drain connection	"K" - Floor to condensate drain connection	Air Inlet connection	Vent connection	Gas Connection (NPT)	Drain Connection (NPT)	Tank Capacity (US Gallons)	Approximate shipping weight (lbs)	Model	Maximum Input MBTU	Maximum Output MBTU
VT-80	55"	27"	41-3/8"	11-7/8"	49-1/2"	11-1/2"	48"	41-1/8"	7-1/4"	4-1/4"	2"	3"	1/2"	1/2"	60	465	VT-80	80,000	76,000
VT-100	55"	27"	41-3/8"	11-7/8"	49-1/2"	11-1/2"	48"	41-1/8"	7-1/4"	4-1/4"	2"	3"	1/2"	1/2"	60	465	VT-100	100,000	95,000
VT-120	68"	27"	54-3/8"	11-7/8"	62-1/2"	11-1/2"	61"	54-1/8"	7-1/4"	4-1/4"	2"	3"	1/2"	1/2"	80	520	VT-120	125,000	118,750
VT-150	68"	27"	54-3/8"	11-7/8"	62-1/2"	11-1/2"	61"	54-1/8"	7-1/4"	4-1/4"	2"	3"	1/2"	1/2"	80	520	VT-150	150,000	142,500
VT-199	68"	27"	54-3/8"	11-7/8"	62-1/2"	11-1/2"	61"	54-1/8"	7-1/4"	4-1/4"	2"	3"	1/2"	1/2"	100	648	VT-199	199,000	189,050
VT-250	78"	27"	64-3/8"	11-7/8"	72-1/2"	11-1/2"	71"	64-1/8"	7-1/4"	4-1/4"	2"	3"	1/2"	1/2"	100	739	VT-250	250,000	237,500
VT-299	78"	27"	64-3/8"	11-7/8"	71"	12"	71"	64-1/8"	7-1/4"	4-1/4"	3"	4"	3/4"	1/2"	100	752	VT-299	299,000	284,050
VT-399	78"	27"	64-3/8"	11-7/8"	71"	12"	71"	64-1/8"	7-1/4"	4-1/4"	3"	4"	1"	1/2"	100	752	VT-399	399,000	379,050
VT-499	87-3/4"	27"	74-1/8"	11-7/8"	80-3/4"	12"	80-3/4"	73-7/8"	7-1/4"	4-1/4"	3"	4"	1"	3/4"	125	845	VT-499	499,000	474,050