



VERTEX™ HIGH EFFICIENCY POWER DIRECT VENT



Helical Internal Heat Exchanger

- Spiral heat exchanger keeps hot combustion gases in the tank longer to lengthen the heat transfer cycle.

Power Direct Vent Design

- Combined vertical and horizontal runs terminating through an outside wall. Vents using PVC, CPVC or ABS pipe.
 - 2" pipe, vents up to 45 equivalent feet.
 - 3" pipe, vents up to 128 equivalent feet.

Condensing Design

- 96% efficient condensing design.
- Equipped with condensate drain tee.

Side-Mounted Hot and Cold Recirculating Taps

- Allows Vertex to be installed as part of combination space heating/water heating applications.

Advanced Electronic Control

- Large LCD display.
- Precise temperature control.
- Advanced diagnostics.
- iCOMM™ compatible and can be monitored from remote locations.

Code Compliance

- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM.
- Meets UBC, CEC and ICC National Codes.
- Meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IES 90.1.

Design-Listed by CSA International

- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type water heaters.

6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to hotwater.com.



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Thermal Efficiency	BTU Input Per Hour	Vent Size	Dimensions in Inches		Approx. Shipping Weight (lbs)
								Height to Top of Heater	Diameter	
GDHE-50	50	49	100	0.88	96%	100,000	2 or 3	66-3/4	22	255
GDHE-75	75	74	130	0.86	96%	100,000	2 or 3	64-3/4	27-3/4	382

Available in propane (LP) gas. Specify when ordering propane (LP) gas. Models certified for sea level to 10,100 ft. elevation. Optional Condensate Neutralizer Kit available (part number 100112380).