



GE APPLIANCES
a Haier company

AIR & WATER SOLUTIONS

RealMAX Power Vent Gas Water Heaters

KEY FEATURES

GAS POWER VENT

Gas power vent water heaters offer flexible venting options with lengths up to 150 feet and either vertical or horizontal termination. (ABS, PVC, OR CPVC)

REAL CAPACITY

Get the most from the only water heater offering that holds a true capacity of hot water compared to gas steel tank water heaters per DOE rated gallon capacity.

MAXIMUM PERFORMANCE

Live comfortably with this best-in-class water heater that delivers up to 82 gallons of hot water in the first hour of use measured through DOE First Hour Rating.

LEADING WARRANTY

RealMAX power vent water heaters carry an 8-year tank and parts limited warranty.

ANODE ROD

Durable magnesium design offers long-lasting protection against corrosion to extend the life of your water heater tank.

SMARTSHIELD™ SAFETY SYSTEM

Monitors the surrounding air and automatically shuts off the unit if abnormal temperatures or the presence of flammable vapors are detected.

SELF-DIAGNOSTIC

Monitors and reports on gas system status via LED status indicator.

BRASS DRAIN VALVES

Rust-proof full port brass valve with 1/4 turn ball construction can be counted on to provide long-lasting service.

EASY INSTALLATION

Replace your old water heater quickly and easily using standard water, gas, and vent connections. T&P relief valve factory installed.

SERVICEABILITY

RealMAX water heaters include a burner assembly alignment guide, high temp felt gasket, easy to reach front mounted FV sensor and a re-settable high temperature sensor for easier and faster service. Plus, there are no filters that need cleaning.



Scan here to learn
more about the
full line of water
heater solutions

Visit geappliancesairandwater.com for more details.



Certified to
NSF/ANSI 372
See http://info.nsf.org/Certified/Lead_Content/
for specific model listing



Listed by
Underwriters
Laboratories



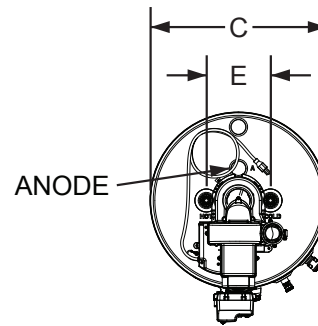
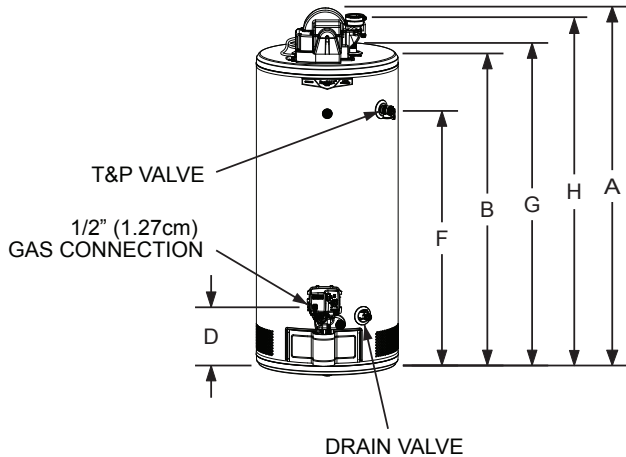
MADE IN
AMERICA
70-80% U.S. CONTENT | GEAPPLIANCES.COM/USA

SPECIFICATION DETAILS

											Dimensions in Approximate Inches (IN) and Centimeters (CM)								Weight in Approximate Pounds (lbs) and Kilograms (kg)	
											A	B	C	D	E	F	G	H		
Model Number	Nominal Capacity (Gallons)	Rated Storage	Liters	Imperial Gallons	First Hour Rating (Gallons)	Uniform Energy Factor Min.	Burner BTU Natural Gas	Burner BTU Liquid Propane Gas	Recovery 90° F Rise Gallon per hour	Drain Valve	Floor to top of Blower IN (CM)	Floor to top of Tank IN (CM)	Product Body Diameter/ Width IN (CM)	Floor to Gas Control IN (CM)	Hot to Cold Water Connections IN (CM)	Floor to T&P Relief Valve IN (CM)	Floor to top of Inlet/ Outlet Connections Height IN (CM)	Floor to Top of Blower Vent Connection IN (CM)	Product Weight lbs (kg)	Shipping Weight lbs (kg)
Short Model - Natural Gas																				
CG40S08AYV	40	40	151	33	72	0.63	40,000	N/A	42	Brass	56-2/3 (143.93)	49-1/8 (124.78)	22 (55.88)	11-1/4 (29.21)	8 (20.32)	41-1/2 (105.41)	50-5/8 (128.59)	55-1/2 (140.97)	143 (64.86)	150 (68.04)
CG50S08AYV	50	50	189	42	73	0.61	40,000	N/A	42	Brass	54 (137.16)	46-1/2 (118.11)	25 (63.5)	11-1/4 (29.21)	8 (20.32)	38-3/4 (98.43)	48 (147.32)	53 (134.62)	175 (79.38)	184 (83.46)
Short Models - Liquid Propane																				
CP40S08AYV	40	40	151	33	60	0.63	N/A	36,000	37	Brass	56-2/3 (143.93)	49-1/8 (124.78)	22 (55.88)	11-1/4 (29.21)	8 (20.32)	41-1/2 (105.41)	50-5/8 (128.59)	55-1/2 (140.97)	143 (64.86)	150 (68.04)
CP50S08AYV	50	50	189	42	65	0.61	N/A	36,000	37	Brass	54 (137.16)	46-1/2 (118.11)	25 (63.5)	11-1/4 (29.21)	8 (20.32)	38-3/4 (98.43)	48 (147.32)	53 (134.62)	175 (79.38)	184 (83.46)
Tall Models - Natural Gas																				
CG40T08AYV	40	40	151	33	82	0.68	42,000	N/A	44	Brass	66-1/3 (168.49)	58-3/4 (149.23)	20 (50.8)	11-1/4 (29.21)	8 (20.32)	51-1/2 (130.81)	60-1/4 (153.04)	65-1/6 (165.52)	150 (68.04)	157 (71.21)
CG50T08AYV	50	50	189	42	82	0.68	42,000	N/A	44	Brass	65-4/5 (167.13)	58-1/4 (147.96)	22 (55.88)	11-1/4 (29.21)	8 (20.32)	50-3/4 (128.91)	59-3/4 (151.77)	64-2/3 (164.25)	171 (77.56)	179 (81.19)

Water connections are 3/4" (1.91 cm).
Gas connections are 1/2" (1.27 cm).
Models approved for installation up to 10,100 feet (3078 m) from sea level.
Dimensions and specifications are subject to change without notice.
Vertical and horizontal venting capabilities.
8.5' (2.59m) 120V plug-in power cord included.

Model Number	Vent Length 0-2,000 ft. (0-609 m) altitude		Vent length 2,000-5,400 ft. (609-1645 m) altitude		Vent length 5,400-7,800 ft. (1645-2377 m) altitude		Vent length 7,800-10,000 ft. (2377-3078 m) altitude	
	Max. Allowed Equivalent Vent Length Feet (meters)		Max. Allowed Equivalent Vent Length Feet (meters)		Max. Allowed Equivalent Vent Length Feet (meters)		Max. Allowed Equivalent Vent Length Feet (meters)	
	2" (5.1 cm)	3" (7.6 cm)	2" (5.1 cm)	3" (7.6 cm)	2" (5.1 cm)	3" (7.6 cm)	2" (5.1 cm)	3" (7.6 cm)
CG40S08AYV / CG50S08AYV	45' (13.7m)	150' (45.7m)	30' (9.1m)	150' (45.7m)	25' (7.6m)	100' (30.5m)	20' (6.1m)	100' (30.5m)
CP40S08AYV / CP50S08AYV	45' (13.7m)	150' (45.7m)	30' (9.1m)	150' (45.7m)	25' (7.6m)	100' (30.5m)	20' (6.1m)	100' (30.5m)
CG40T08AYV / CG50T08AYV	50' (15.2m)	150' (45.7m)	50' (15.2m)	150' (45.7m)	45' (13.7m)	150' (45.7m)	40' (12.2m)	150' (45.7m)
Vent termination with the 45 degree elbow provided.								



Illustrations are intended for dimensional reference only.
Refer to photograph for actual product appearance



INSTALLING THE WATER HEATER:
This water heater must be installed in accordance with these instructions, local codes, utility company) requirements, and/or in the absence of local codes, use the latest edition of CAN/CSA B149 - Natural Gas and Propane Installation Code. A copy can be purchased from the Canadian Standards Association, 5060 Spectrum Way, Mississauga, Ontario L4W5N6.

GE Appliances reserves the right to make product changes or improvements without prior notice.



GE APPLIANCES

Appliance Park
Louisville, KY 40225

geappliancesairandwater.com

© 2024 GE Appliances
Pub No. 27-D0020-24
OTGEA6732120556