



FULL PRODUCT LINE
POCKET GUIDE
RESIDENTIAL & COMMERCIAL



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There's nothing standard about commercial grade.



When it comes to providing durable and reliable hot water, the American ProLine family of products removes the line between what goes in a commercial water heater and a residential unit. We draw from our expertise in commercial water heating, house-made components, and rigorous quality and endurance testing to ensure that your customer's water heater is built to overperform no matter where it's installed.

WHY PROFESSIONALS CHOOSE AMERICAN WATER HEATERS



**CONTRACTOR
REWARDS.COM**
Your Business. Your Choices. Your Rewards.

EARN POINTS BY PURCHASING AMERICAN WATER HEATERS

It's free and easy to participate. Enroll online at contractorrewards.com. Eligible products will have a yellow reward code label worth valuable points. Two ways to enter the codes:

- 1. Download the smart phone app and scan the code.**
- 2. Enter the code at contractorrewards.com**

Redeem your points on thousands of reward items.

**With over 1,000,000 merchandise items,
your reward choices are endless.**

AMERICAN PROVIDES 4 KEY THINGS TO HELP GROW YOUR BUSINESS AND BECOME MORE PROFITABLE.

1. Contractor Rewards™ Program

Our program rewards our loyal contractors for buying our products. Buy more and get rewarded with prizes.

2. Contractor Advertising Tools

Our Advertising Resource Center allows contractors to develop an easy, affordable and custom advertising campaign to promote their business. Go to www.americanwaterheater.com/ads.

3. Breadth of Product Line

Residential or commercial, we have the most complete line from standard models to the most innovative high efficiency water heaters available.

4. Product Sales Tools

We provide contractors access to the sales tools needed to close more sales.

Visit americanwaterheater.com/contractor to learn more.

An in-depth look at the commercial-grade features available in our residential ProLine family

PREMIUM FEATURES: *ProLine®* *ProLine® Master* *ProLine® XE*

Electric Water Heaters



OPERATING COST	\$\$\$	\$\$\$	\$
INSTALLATION	■ to ■■	■ ■	■ ■ ■
SPACE REQUIRED			
WARRANTY (YEARS)	6	8	10
Blue Diamond® Glass Lining	●	●	●
DynaClean™ Automatic Sediment-Cleaning System	●	●	●
Heat Trap Nipples	●	●	●
Enhanced Flow Brass Drain Valve	●	●	●
CoreGard™ Anode Rod Protection	●	●	●
Advanced Anode Protection		●	●
Stainless Steel Upper Element	●	●	
Dual Stainless Steel Element		●	
Extended Warranty Kit Available	●	●	● *
Electronic User Interface		● *	●
iCOMM® Remote Connectivity		● *	●
ENERGY STAR® Qualified			●
Industry-Leading Efficiency			●
Best-In-Class Material and Technology			●

Commercial-Grade Components

Benefits that homeowners love

*Some Models Not Eligible

An in-depth look at the commercial-grade features available in our residential ProLine family

PREMIUM FEATURES:

ProLine®

ProLine® Master

ProLine® XE

Gas Water Heaters



	OPERATING COST	\$\$\$	\$\$	\$
	INSTALLATION	■ to ■■	■ ■	■ ■ ■
	SPACE REQUIRED			
	WARRANTY (YEARS)	6	8	10
Commercial-Grade Components	Blue Diamond® Glass Lining	●	●	●
	DynaClean™ Automatic Sediment-Cleaning System	●	●	●
	Electronic Gas Valve	●	●	●
	Heat Trap Nipples	●	●	●
	Enhanced Flow Brass Drain Valve	●	●	●
	CoreGard™ Anode Rod Protection	●	●	●
	Advanced Anode Protection		●	●
Benefits that homeowners love	Extended Warranty Kit Available	●	●	● *
	ENERGY STAR® Qualified			● *
	Electronic User Interface			●
	High Efficiency Performance			●
	Best-In-Class Material and Technology			●
	Industry-Leading Efficiency			●
	Flexible Venting for more Install Options			●

*Some Models Not Eligible

An in-depth look at the commercial-grade features available in our residential ProLine family

PREMIUM FEATURES:

ProLine® XE

Tankless Water Heaters

OPERATING COST \$
INSTALLATION SPACE REQUIRED ■
WARRANTY (YEARS) 6-10



Model Family	Proline XE With X3® Technology	Proline XE Non-Condensing ULN	Proline XE Non-Condensing Concentric Vent
Condensing	●	●	●
Non-Condensing		●	●
Indoor Models	●	●	●
Outdoor Models	●	●	
BTUs	160K-190K	140K-199K	140K-199K
X3® Scale Prevention Technology	●		
Concentric Venting			●
Ultra-Low Nox	●	●	
Energy Star® Qualified	●*		

Commercial-Grade Components

Model Family	Proline XE Condensing	Proline XE Condensing with Recirc Pump
Condensing	●	●
Indoor Models	●	●
Outdoor Models	●	●
BTUs	120K-199K	199K
Recirculation Pump - DHW		●
Ultra-Low Nox	●	●
Energy Star® Qualified	●*	●*

Benefits that homeowners love

*Some Models Not Eligible

Adapt™ + Premium Residential Tankless Water Heaters

PREMIUM FEATURES:

ProLine® XE

Tankless Water Heaters

OPERATING COST \$
INSTALLATION
SPACE REQUIRED ■
WARRANTY (YEARS) 15



Model Family	Adapt+ Premium with X3 Technology Models	Bypass (M) Models	Adapt SC with X3 Technology Models	Adapt SC Bypass (M) Models
Condensing	●	●	●	●
Field Convertible (NG to LP)	●	●		
Indoor/Outdoor Compatible	●	●	●	●
BTUs	160K-190K	160K-190K	160K-199K	160K-199K
X3® Scale Prevention Technology	●	●*	●	●*
Recirculation Pump	●	●		
2 or 3 Inch Venting	●	●	●	●
Gas Connections	1/2 or 3/4 in.	1/2 or 3/4 in.	3/4 in.	3/4 in.
Ultra-Low NOx	●	●	●	●
Energy Star® Certified	●	●	●	●

TOUGHER COMPONENTS. LONGER PERFORMANCE.

THERE'S NOTHING STANDARD
ABOUT OUR COMMERCIAL
GRADE PROLINE®.



Blue Diamond® Glass Coating



Stainless Steel Core
Anode Rods



DynaClean™
Automatic
Sediment
Cleaning
System



Longer-Lasting
Stainless Steel
Elements

Learn more at americanwaterheater.com



Blue Diamond® Glass Coating

American residential gas and electric water heaters have the toughest protection against corrosion to maximize tank life.

American's Blue Diamond® Glass Coating provides superior corrosion resistance compared to the industry-standard glass lining.



Green Choice® Gas Burner

Patented eco-friendly burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J.



LOW LEAD CONTENT

CSA low lead logo on a plumbing product signifies certification to California's AB1953 and Vermont's legislation Act 193 that limits the lead content in plumbing fixtures that come in contact with drinking water to a maximum of 0.25% lead.



ENERGY STAR®

American Water Heaters offers a variety of models that are ENERGY STAR® qualified. Learn more at www.energystar.gov.



Heat Trap Nipples

Factory-installed for faster installation on most American residential models.



Enhanced-Flow Brass Drain Valve

Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type drain valve.

- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
- Designed for easy operation, this valve includes an integral screwdriver slot that features a 1/4 turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off.



Self-Cleaning Systems on American Residential Models

Automatic self-cleaning action greatly reduces lime and sediment buildup, maximizes hot water output. Made from long-lasting Pex cross-linked polymer.

Our ProLine® XE models come standard with maximum sediment-fighting power and utilize our top-of-the-line Turbo Coil design.



CoreGard™ Anode Rod

Our anode rods have a stainless steel core that extends the life of the anode rod, allowing superior tank protection far longer than standard anode rods.

PROLINE® XE

— BEST —



AHRI CERTIFIED®
www.ahridirectory.org

ENERGY STAR® QUALIFIED

ADVANCED ELECTRONIC CONTROL

- Precise temperature control
- Built-in diagnostics and operational information

CONDENSING DESIGN

- High efficiency operation with up to 0.90 Uniform Energy Factor to save money on operating costs

HELICAL INTERNAL HEAT EXCHANGER

- Spiral heat exchanger keeps hot combustion gases in the tank longer to lengthen the heat transfer cycle
- Positioned in the center of the tank for more even heat distribution
- Spiral design reduces lime scale formation on the heat exchanger to maintain high efficiency operation over time

POWER VENT AND POWER DIRECT VENT WITH A SINGLE DESIGN

- Combined vertical and horizontal runs terminating through an outside wall. Vents using PVC, CPVC, or polypropylene pipe.
- 2" pipe, vents up to 60 equivalent feet
- 3" pipe, vents up to 150 equivalent feet

AVAILABLE IN NATURAL GAS AND PROPANE

SIDE FIRED GAS BURNER

- Unique side fire design allows for optimal burner efficiency

BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to industry standard glass lining

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

MAXIMUM HYDROSTATIC WORKING PRESSURE: 150 PSI

CODE COMPLIANCE

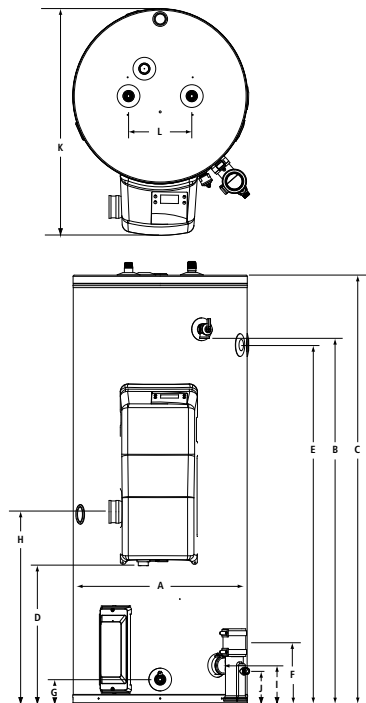
- Meets IBC and ICC National Codes
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1

DESIGN-CERTIFIED BY CSA

- 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

8-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF
PCG82-40S50L	40	39	86	0.90
PCG82-50S65L	50	48	118	0.90

Model Number	Thermal Efficiency	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Per Hour	Approx. Shipping Weight (lbs)
PCG82-40S50L	93%	62	50,000	216
PCG82-50S65L	93%	81	65,000	246

	Description:	Dimensions in inches	
		40 GAL	50 GAL
A	Diameter	22	22
B	Height to T&P	38-3/8	47-3/8
C	Height to TOP	44-7/8	54-1/4
D	Height to Gas Connection	16-1/2	17-1/2
E	Height to Upper Side Connect	36-3/8	45-3/8
F	Height to Lower Side Connect	8-5/8	7-7/8
G	Height to Drain Valve	3-7/8	3
H	Height to Air Intake	22-1/8	24-1/4
I	Height to Exhaust	5-3/8	4-7/8
J	Height to Condensate Connection	5-1/2	4
K	Overall Depth	28-1/2	28-1/2
L	Water Connections	8	8

Available in Propane (LP) gas. Specify when ordering Propane (LP) gas.

Available with a Powered Anode. Specify when ordering.

Models certified for sea level to 10,100 ft. elevation.

Optional Condensate Neutralizer Kit available (Part Number 100112380).

Nautilus™ Power Vent

PROLINE® XE

—BEST—



POWER VENT DESIGN FOR INSTALLATION VERSATILITY

- Helical internal heat exchanger achieves 90% thermal efficiency, which saves money on operating costs compared to a standard 80% efficient gas water heater
- Combined horizontal and vertical vent runs terminating through outside wall, using Schedule 40 PVC pipe as follows:
 - 2" pipe allows vent runs up to 25 equivalent feet.
 - 3" pipe allows vent runs up to 65 equivalent feet.
 - 4" pipe allows vent runs up to 128 equivalent feet.

SIDE-MOUNTED TAPS FOR RECIRCULATING SYSTEMS

- Hot and cold "side taps" allow Premier Power Vent to be used for combination space/water heating applications

INTELLI-VENT™ GAS CONTROL WITH SILICON NITRIDE HOT SURFACE IGNITOR

- Premium-grade hot surface ignitor eliminates standing pilot
- Electronic circuitry provides superior system diagnostics capabilities plus extremely precise temperature controls

BLUE DIAMOND® GLASS COATING WITH TWO HEAVY DUTY ANODE RODS

- Provides superior corrosion resistance compared to the industry-standard glass lining

GREEN CHOICE® GAS BURNER

- Patented eco-friendly burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J

SELF-CLEANING DIP TUBE

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

MAXIMUM HYDROSTATIC WORKING PRESSURE: 150 PSI

CODE COMPLIANCE

- 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.

6-YEAR LIMITED TANK AND PARTS WARRANTY

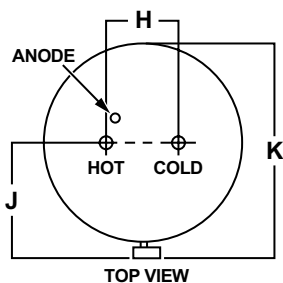
- For complete information, consult written warranty or americanwaterheater.com



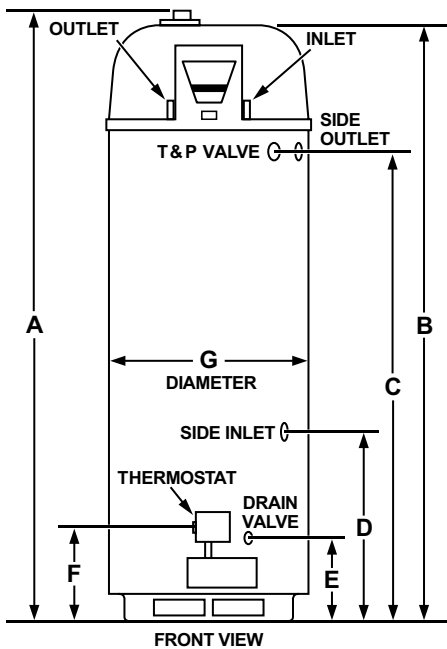
GAS-FIRED



**Intelli-Vent™ is a registered trademark of Emerson Electric Company.



* INSTALL IN ACCORDANCE WITH LOCAL CODES



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Thermal Efficiency	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Per Hour
VG6250T76NV	50	48	119	0.88	90%	92	76,000

Model Number	Dimensions in Inches										Approx. Shipping Weight (lbs)
	A	B	C	D	E	F	G	H	J	K	
VG6250T76NV	71-1/8	68-5/8	52	21	9-1/8	12	22	8	15-3/4	27	210

Available in natural gas only.
Standard model certified for sea level to 5,300 ft. elevation. Specify high altitude when ordering for use in elevations up to 10,100 ft.
Optional Condensate Neutralizer (Part Number 100112380).

Nautilus™ Power Direct Vent

PROLINE® XE

—BEST—



AHRI CERTIFIED®
www.ahridirectory.org

AiQ™ ADAPTIVE GAS CONTROL

- Smart Combustion system includes gas valve with servo motor and electronic controller
- Improves combustion and light off
- Adjusts to fuel qualities or abnormalities
- Can run on natural gas or liquid propane, gas type selected via touch screen upon installation
- Runs on natural gas OR liquid propane

POWERED ANODE

LEAK DETECTION MODULE

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 65 equivalent feet
- 3" pipe, vents up to 135 equivalent feet

CONDENSING DESIGN

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

SIDE-MOUNTED HOT AND COLD RECIRCULATING TAPS

- Allows the Nautilus to be installed as part of a combination space heating/water heating application.

ADVANCED ELECTRONIC CONTROL

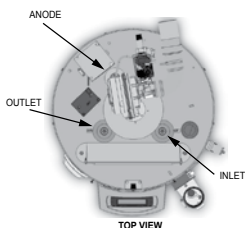
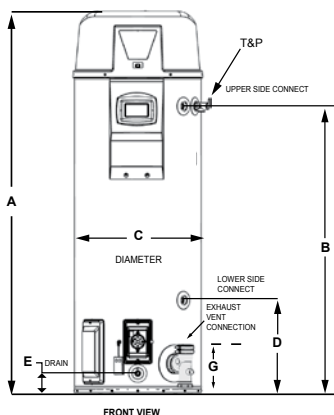
- Large LCD Display
- Precise temperature control
- Advanced diagnostics

CODE COMPLIANCE

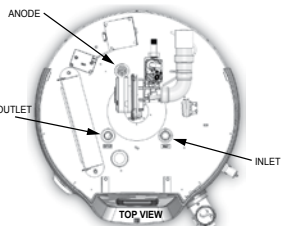
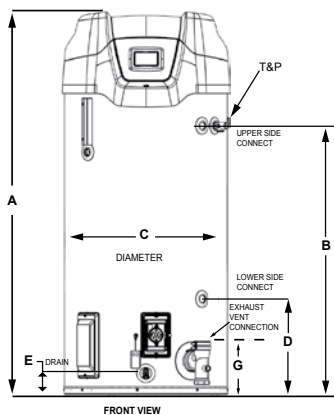
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 ppm
- Meets UBC, CEC and ICC National Codes
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and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

8-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



*INSTALL IN ACCORDANCE WITH LOCAL CODES



*INSTALL IN ACCORDANCE WITH LOCAL CODES

Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Thermal Efficiency	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Per Hour
VG8250T100MV	50	49	118	0.88	96%	129	100,000
VG8275T100	75	74	130	0.86	96%	129	100,000

Model Number	Vent Size	Dimensions in Inches						Approx. Shipping Weight (lbs)
		A	B	C	D	E	F	
VG8250T100MV	2 or 3	66-3/4	49-1/4	22	15-3/4	3	8	255
VG8275T100	2 or 3	65-1/4	45-5/8	27-3/4	16	3-3/4	8	382

Models certified for sea level to 10,100 ft. elevation.

Optional condensate neutralizer kit available (part number 100289338).

Polaris® High-Efficiency

PROLINE® XE

— BEST —



AHRI CERTIFIED®
www.ahridirectory.org

CONDENSING DESIGN

- Operates at up to 96% thermal efficiency which saves money on operating costs compared to a standard 80% efficient gas water heater
- Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water

STAINLESS STEEL CONSTRUCTION

- Tank and helical heat exchanger are constructed from 444 stainless steel for excellent corrosion resistance without the need for an anode

WHISPER QUIET OPERATION

- Ultra-quiet blower and burner minimize noise

POWER DIRECT VENT DESIGN

- Direct vent using PVC, CPVC or ABS either thru-the-wall or thru-the-roof

OPTIONAL CONCENTRIC VENT KIT

ADVANCED ELECTRONIC CONTROL

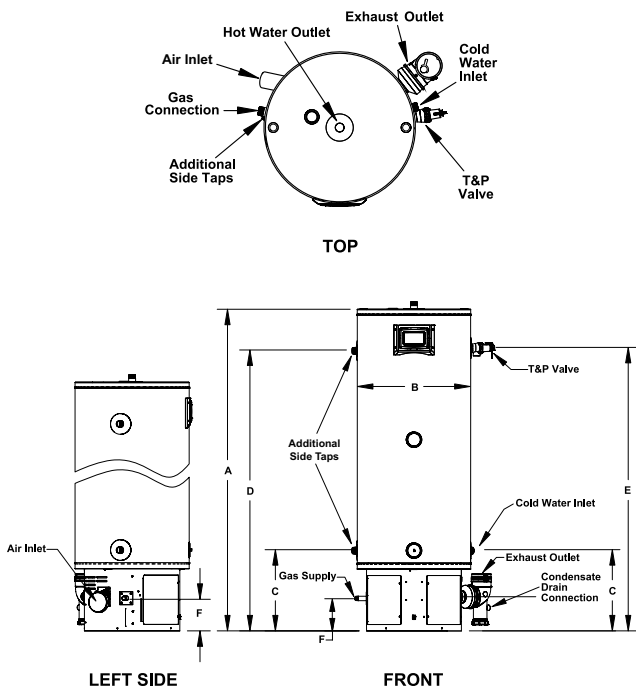
- Large LCD display provides precise temperature control and advanced diagnostics

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.

10-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Thermal Efficiency	Recovery @ 90° Rise Gallon Per Hour	BTU/h Input Gallon Per Hour
PG10-34-100-2NV	34	33	179	0.90	96%	129	100,000
PG10-34-130-2NV	34	N/A	N/A	N/A	96%	165	130,000
PG10-34-150-2NV	34	N/A	N/A	N/A	94%	190	150,000
PG10-50-130-2NV	50	N/A	N/A	N/A	95%	165	130,000
PG10-50-150-2NV	50	N/A	N/A	N/A	95%	190	150,000
PG10-50-175-3NV	50	N/A	N/A	N/A	96%	222	175,000
PG10-50-199-3NV	50	N/A	N/A	N/A	96%	253	199,000

Model Number	Dimensions in Inches		Vent Connection	1" Water Connections		T&P	Gas Supply*	Approx. Shipping Weight (lbs)
	A	B		C	D			
PG10-34-100-2NV	48-1/2	22	2 or 3	15-3/4	40-1/2	41	6-3/8	150
PG10-34-130-2NV	48-1/2	22	2 or 3	15-3/4	40-1/2	41	6-3/8	150
PG10-34-150-2NV	48-1/2	22	2 or 3	15-3/4	40-1/2	41	6-3/8	150
PG10-50-130-2NV	62-3/8	22	2 or 3	15-3/4	54-1/2	55	6-3/8	176
PG10-50-150-2NV	63-3/4	22	2 or 3	15-3/4	55-3/4	56-1/4	6-3/8	180
PG10-50-175-3NV	63-3/4	22	3	15-3/4	55-3/4	56-1/4	6-3/8	180
PG10-50-199-3NV	63-3/4	22	3	15-3/4	55-3/4	56-1/4	6-3/8	180

For Propane (LP) gas change "NV" to "PV".
Models certified for sea level to 7,700 ft. elevation.

ProLine® XE Non-Condensing Power Vent

PROLINE® XE

— BEST —



AHRI CERTIFIED®
www.ahridirectory.org

VERSATILE POWER VENT DESIGN

- All models feature an exclusive 3-position rotatable blower outlet which adds flexibility
- Combined horizontal and vertical runs up to 180 equivalent feet with 4" diameter venting (ABS, PVC, CPVC and polypropylene)
- All models are equipped with a protected sensor that detects the presence of flammable vapors and automatically disables the burner to prevent ignition
- Air intake snorkel elevates the inlet location of combustion air to prevent flammable vapors from entering the sealed combustion chamber

HOT SURFACE IGNITOR

- More robust and reliable than standing pilot, and reduces energy consumption

BUILT-IN HEAT TRAPS ON THE WATER INLET AND OUTLET REDUCE THE AMOUNT OF HEAT LOST THROUGH PIPING

ENVIRONMENTALLY FRIENDLY FOAM INSULATION REDUCES THE AMOUNT OF HEAT LOSS AND CONTRIBUTES TO OVERALL ENERGY EFFICIENCY

USER-FRIENDLY

- State-of-the-art electronic gas control provides more precise temperature control
- LED control light displays operation status and diagnostics information

ENHANCED-FLOW BRASS DRAIN VALVE

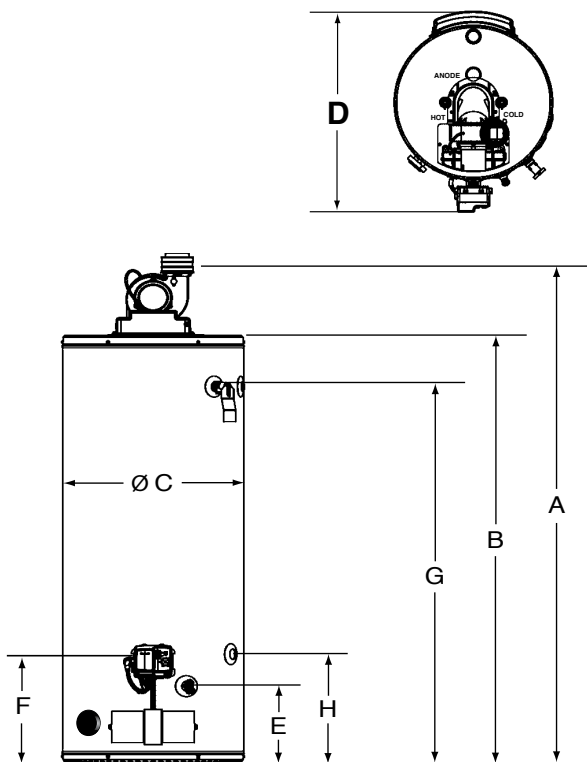
AVAILABLE IN NATURAL GAS AND PROPANE

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Series	Nominal Capacity	Rated Storage Volume	UEF	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Gallon Per Hour	First Hour Rating (Gallons)
PVG62-40S40-NVS	200	40	38	0.67	45	40,000	72
PVG62-40T50-NVS	200	40	38	0.70	56	50,000	87
PVG62-50S40-NVS	200	50	49	0.72	45	40,000	79
PVG62-50T50-NVS	200	50	48	0.72	56	50,000	97
PVG62-50S62-NVS	200	50	50	0.73	69	62,000	119
†PVG62-75T76-NV	310	75	72	0.69	80	76,000	116

Model Number	Dimensions in Inches								Approx. Shipping Weight (lbs)
	A	B	C	D	E	F	G	H	
PVG62-40S40-NVS	59	49-5/8	22	29-1/8	11	13-1/4	42-1/2	N/A	174
PVG62-40T50-NVS	68-1/2	59-1/4	20	27-1/8	11	13-1/4	53-1/8	15-1/4	176
PVG62-50S40-NVS	60-1/8	50-3/4	24	31-1/8	11	13-1/4	43-3/4	N/A	198
PVG62-50T50-NVS	68-1/8	58-3/4	22	29-1/8	11	13-1/4	51-3/4	15-1/4	192
PVG62-50S62-NVS	61-1/8	52	24	31-1/8	11	13-1/4	44-1/2	15-1/4	212
†PVG62-75T76-NV	70-5/8	61-1/4	26	33-1/8	11	13-1/4	53	15-1/4	277

Available in propane (LP) gas. Specify when ordering propane (LP) gas.
 Side connections are standard on PVG62-50S62-NVS and PVG62-75T75-NV.
 All models certified from sea level to 10,100 ft. elevation.

ProLine® XE Non-Condensing Power Direct Vent

PROLINE® XE

— BEST —



AHR CERTIFIED®
www.ahrirectory.org

POWER DIRECT VENT DESIGN

- Combined horizontal and vertical runs up to 180 equivalent feet with 4" diameter venting (ABS, PVC, CPVC and polypropylene)
- Two-pipe sealed combustion system uses outside air, eliminating problems caused by insufficient indoor ventilation

GREEN CHOICE® GAS BURNER

- Patented eco-friendly burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J

HOT SURFACE IGNITOR

- More robust and reliable than standing pilot, and reduces energy consumption

SELF-CLEANING DIP TUBE

USER FRIENDLY

- State-of-the-art electronic gas control provides more precise temperature control
- LED control light displays operation status and diagnostics information

ENHANCED-FLOW BRASS DRAIN VALVE

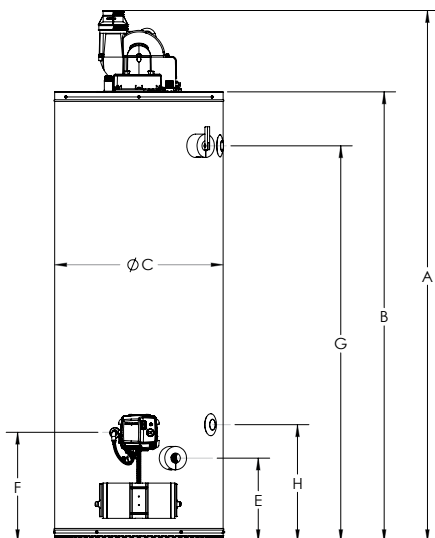
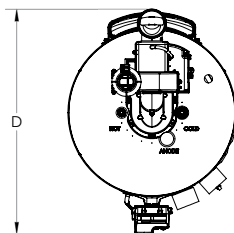
CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	"Input BTU/h"	Recovery @ 90°F Rise Gallon Per Hour
PDVG62-40S40-NV	40	38	74	0.68	40,000	45
PDVG62-50T45-NV	50	48	81	0.72	45,000	50
PDVG62-50T62-NV	50	48	118	0.73	62,000**	73
†PDVG62-75T76-NV	75	72	129	0.68	76,000	82

Model Number	Dimensions in Inches								Approx. Shipping Weight (lb)
	A	B	C	D	E	F	G	H	
PDVG62-40S40-NV	58-1/4	49-5/8	22	29-7/8	11	13-1/4	42-1/2	15-1/4	174
PDVG62-50T45-NV	67-1/2	58-3/4	22	29-7/8	11	13-1/4	51-3/4	15-1/4	192
PDVG62-50T62-NV	69	60-1/4	22	29-7/8	11	13-1/4	52-3/4	15-1/4	200
†PDVG62-75T76-NV	70-5/8	61-1/2	26	33-7/8	11	13-1/4	53	15-1/4	277

*Propane model has input of 58,000 BTU/hr.

Available in propane (LP) gas. Specify when ordering propane (LP) gas.

Side connections standard on 50T62 and 75T76 models.

Side connections available on 40S40 and 50T45 models.

All models are certified from sea level to 10,100 ft. elevation.

ProLine® XE Flue Damper

PROLINE® XE

—BEST—



AUTOMATIC FLUE DAMPER

- Increases efficiency as it automatically opens and closes to reduce heat loss in the standby mode.

ELECTRONIC GAS CONTROL

DIAGNOSTICS

ELECTRONIC IGNITION

SELF-CLEANING DIP TUBE

GREEN CHOICE® GAS BURNER

- Patented eco-friendly gas burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J

COREGARD™ ANODE ROD

ENHANCED-FLOW BRASS DRAIN VALVE

BLUE DIAMOND® GLASS COATING

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

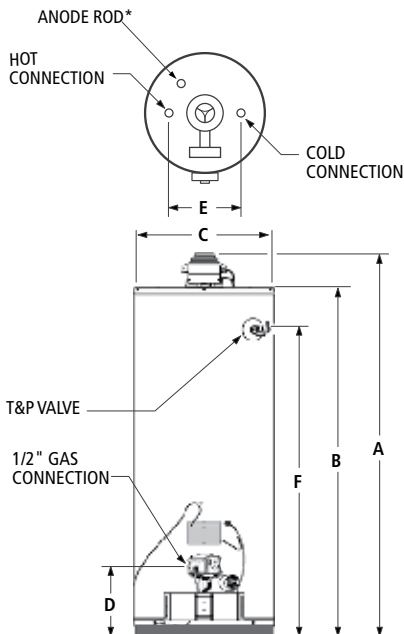
CODE COMPLIANCE

- Meets UBC, CEC and HUD 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
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com

Residential Gas



* Location for optional top-mounted T&P Valve if ordered from factory.

Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	BTU Input Gallon Per Hour Natural*	Recovery @ 90°F Rise Gallon Per Hour	Approx. Shipping Weight (lbs)
Tall Models							
FDG62-40T40-3NOV	40	38	67	0.64	40,000	42	152
FDG62-50T40-3NOV	50	48	72	0.65	40,000	42	167
Short Models							
FDG62-40S40-3NOV	40	38	70	0.65	40,000	42	149
*FDG62-50S40-3NOV	50	49	78	0.69	40,000	42	175

Model Number	Dimensions in Inches						
	A	B	C	D	E	F	Draft Hood Outlet
Tall Models							
FDG62-40T40-3NOV	64-1/4	58-1/4	20	13	8	51-3/4	3 or 4
FDG62-50T40-3NOV	63-1/2	57-1/4	22	13	8	50-1/4	3 or 4
Short Models							
FDG62-40S40-3NOV	54	47-3/4	22	13	8	41	3 or 4
*FDG62-50S40-3NOV	55-3/4	49-1/2	24	13-1/4	8	42-1/2	3 or 4

Requires 120V AC power supply.

Water connection is 3/4" on all models.

When ordering top-mounted T&P, change suffix to NO (example: FDG62-50S40-3NO).

*FDG62-50-40-3NOV available in natural gas only. All other models available in propane (LP) gas.

All models are certified to 10,100 ft. elevation.

Available in propane (LP) gas. Specify when ordering propane (LP) gas.

ProLine® XE Non-Condensing Ultra-Low NOx Flue Damper

PROLINE® XE

— BEST —



AUTOMATIC FLUE DAMPER

- Automatic flue damper increases efficiency to provide maximum household annual operating cost savings

GREEN CHOICE® GAS BURNER

- Enhanced Ultra-Low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10ng/J

ELECTRONIC GAS CONTROL

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

ENHANCED-FLOW BRASS DRAIN VALVE

BLUE DIAMOND® GLASS COATING

REQUIRES 120V POWER 19.5' CORD INCLUDED

CODE COMPLIANCE

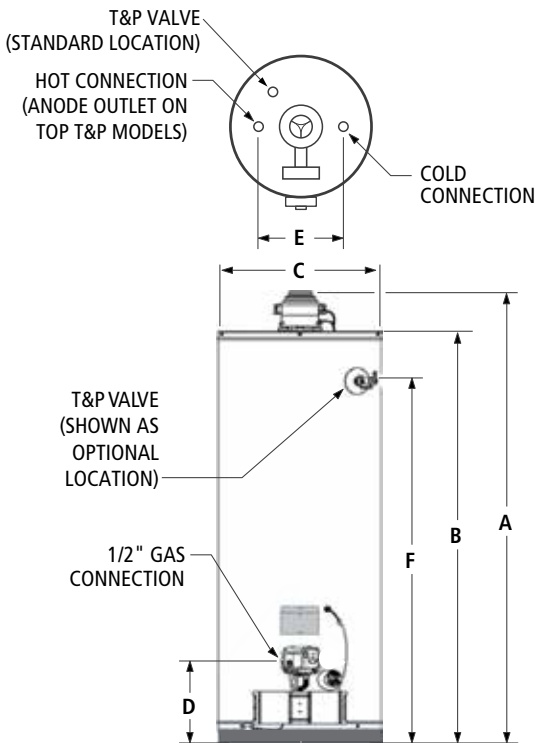
- Meets UBC, CEC and HUD National Codes
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended

CSA AND DESIGN-CERTIFIED BY CSA INTERNATIONAL

- Certified at 300 psi test pressure and 150 psi working pressure
- Listed according to AANSI 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 americanwaterheater.com



Maximum Hydrostatic Working Pressure: 150 PSI.

Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	BTU Input Natural Gas	Recovery @ 90F Rise (Gallon/ Hour)	Approx. Shipping Weight (lbs)
GUF-62-40T40	40	38	0.65	68	40,000	42	152
GUF-62-50T50	50	48	0.70	83	40,000	42	167

Model Number	Dimensions in Inches						Draft Hood
	A	B	C	D	E	F	
GUF-62-40T40	64-1/4	58-1/4	20	13	8	51-3/4	3 or 4
GUF-62-50T50	63-1/2	57-1/4	22	13	8	50-1/4	3 or 4

Requires 120V AC power supply located within 19ft of the heater.

Water connection is 3/4" on all models.

Standard top T&P, specify when ordering side T&P.

All models are certified from sea level to 7,800ft elevation.

ProLine® XE Ultra-Low NOx Power Vent

PROLINE® XE

—BEST—



POWER VENTING MADE SIMPLE

- Thru-the-Wall or Thru-the-Roof power venting using either 2" or 3" PVC, ABS or CPVC vent pipe

INTELLI-VENT™ GAS CONTROL

- Advanced electronics for more precise control of water temperature and easy to understand system diagnostics

COMBINATION THERMOSTAT/ECO

- Utilizes an intermittent ignition gas valve (no standing pilot) with thermistor temperature sensor and built-in high temperature cut off

QUIET AND EFFICIENT BLOWER

- Factory-installed 6-foot power cord with standard 3-prong male connector provided. Electrical requirements; 110/120 VAC power source, less than 5 amp draw.

SELF-CLEANING DIP TUBE

- Reduces lime sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

COREGARD™ ANODE ROD

GREEN CHOICE® GAS BURNER

- Complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10 ng/J

ENHANCED-FLOW BRASS DRAIN VALVE

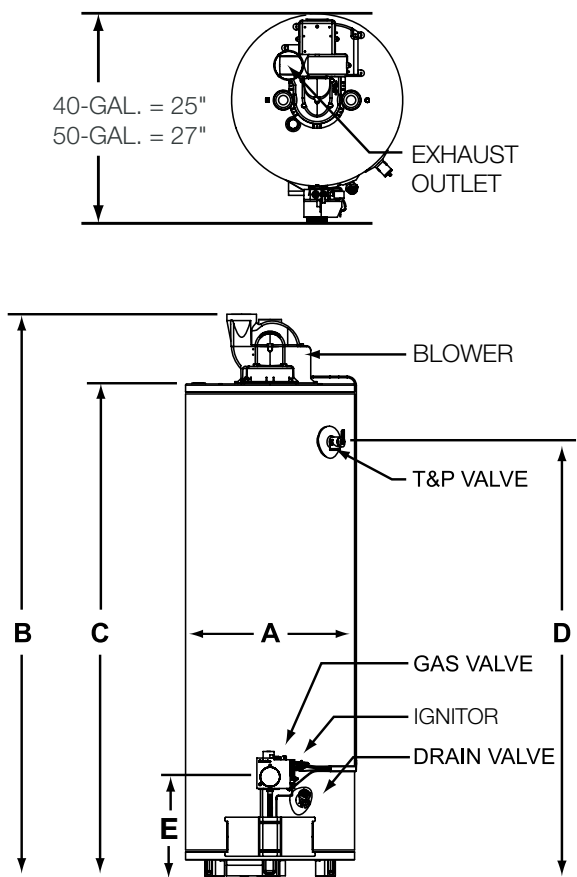
CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com

Residential Gas



Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Gallon Per Hour
UPVG62-40T42-NV	40	38	0.70	76	42.6	42,000
UPVG62-50T42-NV	50	48	0.65	71	42.6	42,000

Model Number	Dimensions in Inches						Approx. Shipping Weight (lbs)
	A	B	C	D	E	Draft Hood	
UPVG62-40T42-NV	20	66-7/8	58-5/8	51-1/2	12-1/4	2 or 3	170
UPVG62-50T42-NV	22	65-5/8	57-7/16	51	12-1/4	2 or 3	207

No option available for top T&P valve.

ProLine® Master Atmospheric Vent

PROLINE® MASTER

— BETTER —



INTELLIGENT CONTROL LOGIC

- *Not available on 60,000 BTU input models (G82-55T60)

DYNACLEAN™ DIFFUSER DIP TUBE

COREGARD™ ANODE ROD

- Increased anode protection with either longer or multiple anodes depending on model

PUSH-BUTTON PIEZO IGNITOR

ENHANCED-FLOW BRASS DRAIN VALVE

HEAT TRAP NIPPLE

BLUE DIAMOND® GLASS COATING

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

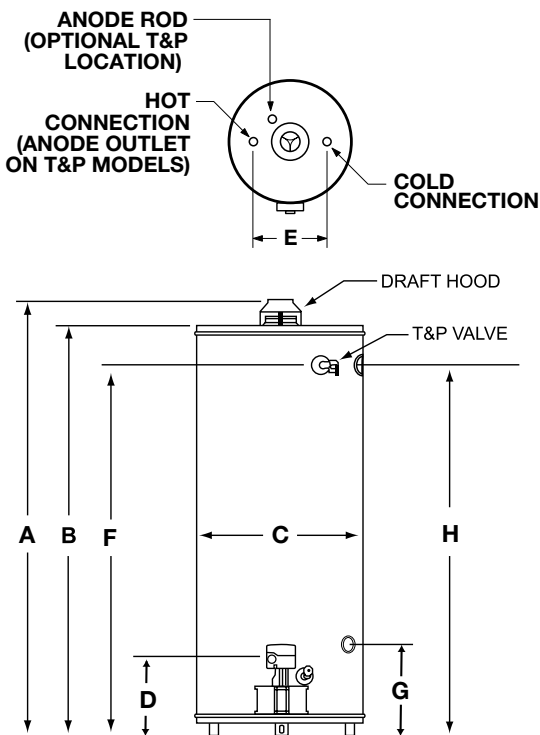
DESIGN-CERTIFIED BY CSA INTERNATIONAL

- 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 gas water heaters.

8-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com

Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	Recovery 90°F Rise Gallon Per Hour	BTU Input Natural Gas	BTU Input Propane Gas	Approx. Shipping Weight (lbs)
Tall Models								
G82-40T40R	40	38	0.64	67	42	40,000	36,000	132
G81-50T40R	50	48	0.65	76	43	40,000	36,000	161
G82-50T40R	50	48	0.55	74	43	40,000	36,000	161
G82-50T50*	50	48	0.61	89	54	50,000	45,000	165
G82-55T60*	55	55	0.62	83	65	60,000	54,000	185
Short Models								
G82-40S40R	40	38	0.58	70	41	40,000	36,000	135
G82-50S40	50	50	0.62	81	43	40,000	40,000	177



Model Number	Dimensions in Inches				
	A	B	C	D	E
Tall Models					
G82-40T40R	62	58-1/2	19 3/4	11 1/4	8
G81-50T40R	61	57-1/2	21	11 1/4	8
G82-50T40R	61	57-1/2	22	11 1/4	8
G82-50T50*	60-3/4	57-1/4	22	12-1/4	8
G82-55T60*	59-3/4	55-1/4	24	13-1/2	8
Short Models					
G82-40S40R	51-1/2	49	22	11 1/4	8
G82-50S40	53-1/4	49-3/4	24	12	8

Model Number	Dimensions in Inches				Approx. Shipping Weight (lbs)
	F	*G	*H	Draft Hood	
Tall Models					
G82-40T40R	51 3/4	N/A	N/A	3 or 4	132
G81-50T40R	50 1/2	N/A	N/A	3 or 4	161
G82-50T40R	50-1/2	N/A	N/A	3 or 4	161
G82-50T50*	50-1/2	14-1/4	50-1/2	4	165
G82-55T60*	48	14-1/4	48	4	185
Short Models					
G82-40S40R	42	N/A	N/A	3 or 4	135
G82-50S40	41-3/8	N/A	N/A	3 or 4	177

Water connection is 3/4" on all models. All models available in propane (LP) gas
 All models approved for installation from sea level to 10,100 ft. elevation.

ProLine® Master Ultra-Low NOx

PROLINE® MASTER
— BETTER —



THE ELECTRONIC GAS CONTROL INCORPORATES AN LED STATUS INDICATOR THAT MONITORS SYSTEM OPERATION AND SERVICE DIAGNOSTICS

HIGH UNIFORM ENERGY FACTOR (UEF)

- Eco-friendly non-CFC foam insulation, heat traps and specially designed combustion chamber combine to produce a high UEF for maximum savings on operating costs

GREEN CHOICE® GAS BURNER

- Enhanced Ultra-Low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10 ng/J

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

- ProLine® Master products have increased anode protection with either longer, or multiple anodes depending on model

PUSH-BUTTON PIEZO IGNITOR

HEAT TRAP NIPPLES

BLUE DIAMOND® GLASS COATING

- Blue Diamond® Glass Coating blend is formulated in the same lab that creates the protection for our industry-leading commercial product line

ENHANCED-FLOW BRASS DRAIN VALVE

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy Conservation Act (EPCA), as amended

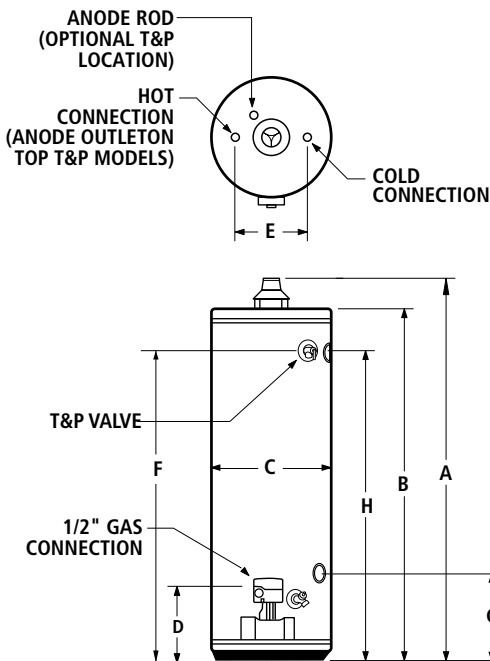
DESIGN-CERTIFIED BY CSA INTERNATIONAL

- 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 gas water heaters

8-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com





Maximum Hydrostatic Working Pressure: 150 PSI

Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	BTU Input Natural Gas	Recovery @ 90°F Rise Gallon Per Hour	Approx. Shipping Weight (lbs)
Tall Models							
GU81-40T40R	40	38	83	0.64	40,000	41	132
GU82-40T40R	40	38	83	0.64	40,000	41	132
GU81-50T40R	50	48	84	0.61	40,000	41	161
GU82-50T40R	50	48	84	0.64	40,000	41	161
GU82-50T50*	50	48	91	0.60	50,000	51	177
Short Models							
GU82-40S40	40	38	72	0.57	40,000	41	138

Model Number	Dimensions in Inches								
	A	B	C	D	E	F	G*	H*	Draft Hood
Tall Models									
GU81-40T40R	62	58-1/2	17 3/4	11 1/4	8	51-3/4	N/A	N/A	3 or 4
GU82-40T40R	62	58-1/2	19 3/4	11 1/4	8	51 3/4	N/A	N/A	3 or 4
GU81-50T40R	61	57-1/2	19 3/4	11 1/4	8	50-1/2	N/A	N/A	3 or 4
GU82-50T40R	61	57-1/2	22	11 1/4	8	50-1/2	N/A	N/A	3 or 4
GU82-50T50*	61	57-1/2	22	11 1/4	8	50-1/2	12-1/4	50-1/2	4
Short Models									
GU82-40S40	51-1/2	47-3/4	22	12	8	41-1/4	N/A	N/A	3 or 4

All models may be ordered from the factory with top T&P valve as an option.

*Side loop connections are standard on model GU82-50T50.

Models with a ring base GU82-40S40 are certified from sea level to 7,700 ft. elevation.

Models with a leg base GU82-40T40R, GU82-50T40R and GU82-50T50 are certified from sea level to 5,400 ft. elevation.

ProLine® High Capacity Atmospheric Vent

PROLINE®

—GOOD—



GAS-FIRED



HIGHEST RECOVERIES

- Capacity/input combinations up to 98 gallons/75,000 BTU's to produce recoveries of up to 81 gallons per hour

THE ELECTRONIC GAS CONTROL INCORPORATES AN LED STATUS INDICATOR THAT MONITORS SYSTEM OPERATION AND SERVICE DIAGNOSTICS

GREEN CHOICE® GAS BURNER

- Patented eco-friendly gas burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

PUSH-BUTTON PIEZO IGNITOR

BLUE DIAMOND® GLASS COATING

ENHANCED-FLOW BRASS DRAIN VALVE

CODE COMPLIANCE

- 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.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

MAXIMUM HYDROSTATIC WORKING PRESSURE 150 PSI

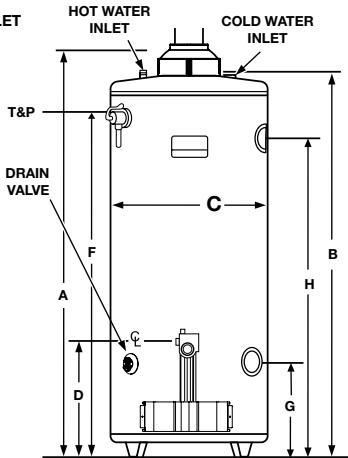
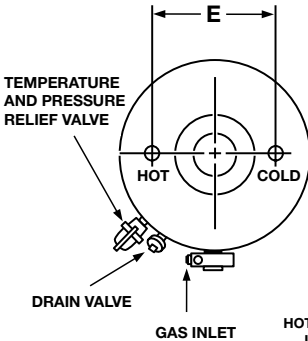
DESIGN-CERTIFIED BY CSA INTERNATIONAL

- Certified at 300 psi test pressure and 150 psi working pressure
- Listed according to ANSI Z21.10.3 CSA 4.3 standards governing storage tank type gas water heaters

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com

TOP VIEW



FRONT VIEW

Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	BTU Input Natural Gas	Recovery @ 90°F Rise Gallon Per Hour
G62-75T75-4NOV	74	71	0.60	125	75,100	81
G62-100T77-4NOV	98	95	0.58	170	75,100	81

Model Number	Dimensions in Inches				
	A	B	C	D	E
G62-75T75-4NOV	61	58-1/2	26-1/2	15-3/16	16
G62-100T77-4NOV	68-1/2	66-1/2	27-3/4	15-3/16	16

Model Number	Dimensions in Inches				Approx. Shipping Weight (lbs)
	F	G	H	Draft Hood	
G62-75T75-4NOV	50-1/4	15-1/2	50-1/4	4	275
G62-100T77-4NOV	57-3/8	N/A	N/A	4	340

Water connection is 1" male NPT on the G62-75T75-4NOV and 1-1/4" on the G62-100T77-4NOV.

For 10-year tank & 10-year parts limited warranty, change "6" to "10" in the model number (example: G102-75T75-4NOV).

All models available in propane (LP) gas.

All models certified from sea level to 7,700 ft. elevation.

ProLine® Direct Vent



DIRECT VENT DESIGN

- One-pipe, dual-channel closed system draws all make-up air from outside the home, eliminating problems caused by insufficient indoor ventilation and is FVIR compliant
- Horizontal air intake and venting on all models up to 80 inches from outside wall with no electrical power needed

INTELLIGENT CONTROL LOGIC

GREEN CHOICE® GAS BURNER

- Patented eco-friendly burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J

SELF-CLEANING DIP TUBE

COREGARD™ ANDODE ROD

PUSH BUTTON PIEZO IGNITOR

HEAT TRAP NIPPLES

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

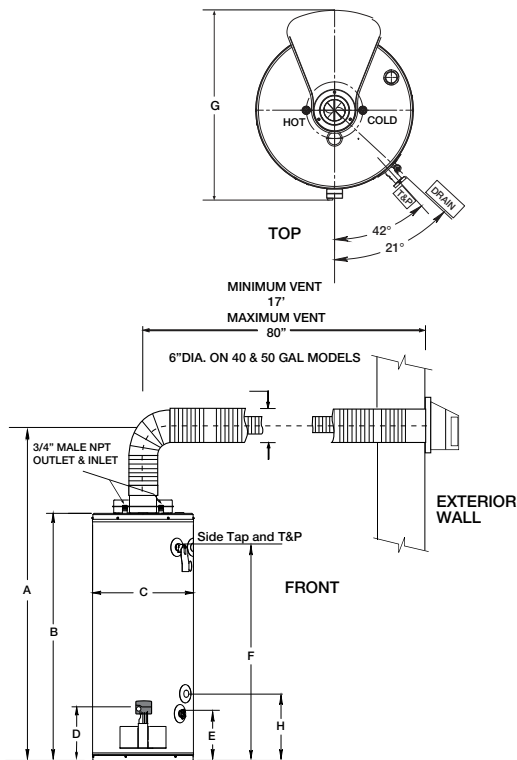
DESIGN-CERTIFIED BY CSA INTERNATIONAL

- 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 gas water heaters

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com

Residential Gas



Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	BTU Input Per Hour	Recovery @ 90° Rise Gallon Per Hour	Vent Outlet
DVG62-40S38-NOV	40	39	0.60	64	38,000	41	Co-Axial
DVG62-50T40-NOV	50	48	0.66	77	40,000	43	Co-Axial
DVG62-50T47-NOV	50	48	0.65	83	47,000	51	Co-Axial

Model Number	Dimensions in Inches								Approx. Shipping Weight (lbs)
	A	B	C	D	E	F	*G	H	
DVG62-40S38-NOV	64	49-3/4	22	13-1/4	15-1/4	42-1/2	29	15-1/4	178
DVG62-50T40-NOV	73	59	22	13-1/4	15-1/4	51-3/4	29	15-1/4	200
DVG62-50T47-NOV	74	60	22	13-1/4	15-1/4	52-3/4	29	15-1/4	215

Dual-channel system has 3" vent pipe inside 6" air intake pipe.

All models have 2" foam cavity.

Water connection is 3/4" male on all models.

40 and 50 gallon models are 8" on center.

*Allow 29-1/2" for front to back dimension for gas control and air intake pipe at the rear of the heater.

All models are available in propane (LP) gas. Specify when ordering.

All models certified from sea level to 7,700 ft. elevation.

All models are available with side loop fittings. Add "L" to suffix of model (Example:

DVG62-40S38-NOLV).

ProLine® Atmospheric Vent

PROLINE®

—GOOD—



INTELLIGENT CONTROL LOGIC

- The internal microprocessor provides enhanced operating parameters and tighter differentials for precise sensing and faster heating response to optimize performance
- Uses a thermopile to generate the power needed to operate the electronic gas control without requiring an external power source
- The electronic gas control incorporates an LED status indicator that monitors system operation and service diagnostics

*Not available on 60,000 BTU input models (G62-50T60 and G62-55T60)

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

PUSH-BUTTON PIEZO IGNITOR

ENHANCED-FLOW BRASS DRAIN VALVE

HEAT TRAP NIPPLES

BLUE DIAMOND® GLASS COATING

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

DESIGN-CERTIFIED 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 gas water heaters

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com

Model Number	Nominal Gallon Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	BTU Input Natural Gas	BTU Input Propane Gas	Recovery 90°F Rise Gallon Per Hour
Tall Models							
†GB61-30T32R	30	29	62	0.60	32,000	29,000	32
G62-30T32R	30	29	62	0.60	32,000	29,000	31
G62-40T35R	40	38	65	0.60	35,000	N/A	38
†GB61-40T40	40	38	78	0.65	40,000	36,000	42
G62-40T40R	40	38	67	0.64	40,000	36,000	42
G61 -50T40R	50	48	76	0.65	40,000	36,000	43
G62-50T40R	50	48	74	0.55	40,000	36,000	43
G62-50T50	50	48	89	0.61	50,000	45,000	54
†G62-50T60*	50	49	99	0.61	60,000	54,000	65
G62-55T60*	55	55	83	0.62	60,000	54,000	65
Short Models							
†GB61-30S32R	30	28	65	0.60	32,000	29,000	32
G62-30S32R	30	28	55	0.60	32,000	29,000	32
†GB61-40S40	40	38	68	0.57	40,000	36,000	41
G62-40S40R	40	38	70	0.58	40,000	36,000	41
G62-50S40	50	50	81	0.62	40,000	40,000	43

Water connection is 3/4" on all models. All models available in propane (LP) gas. | †Models ship with supplied insulation blanket.

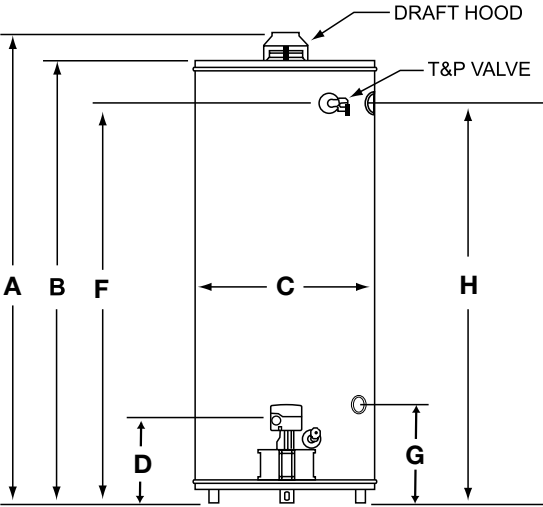
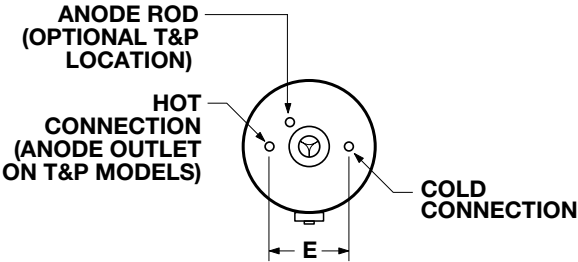
For 10-year tank & 10-year parts limited warranty, change "6" to "10" in the model number. Example: G102-40T40R. | *Optional side-mounted recirculating taps.

All models approved for installation from sea level to 10,100 ft. elevation.

Dimensions and line drawing on the following pages.

ProLine® Atmospheric Vent

(continued)



Model Number	Dimensions in Inches				
	A	B	C	D	E
Tall Models					
†GB61-30T32R	60-1/2	57	16	14	8
G62-30T32R	60-1/2	57	18	14	8
G62-40T35R	61-3/4	58-1/4	20	12-1/4	8
†GB61-40T40	61-3/4	58-1/4	18	12	8
G62-40T40R	62	58-1/2	19 3/4	11-1/4	8
G61 -50T40R	61	57-1/2	21	11-1/4	8
G62-50T40R	61	57-1/2	22	11-1/4	8
G62-50T50	60-3/4	57-1/4	22	12	8
†G62-50T60*	65-1/2	61	22	13-1/2	8
G62-55T60*	59-3/4	55-1/4	24	13-1/2	8
Short Models					
†GB61-30S32R	50-1/4	46-3/4	18	14	8
G62-30S32R	50-1/4	46-3/4	20	14	8
†GB61-40S40	51-1/2	48	20	12	8
G62-40S40R	52-1/2	49	22	11-1/4	8
G62-50S40	53-1/4	49-3/4	24	13-1/4	8

Model Number	Dimensions in Inches				Approx. Shipping Weight (lbs)
	F	*G	*H	Draft Hood	
Tall Models					
†GB61-30T32R	51	N/A	N/A	3 or 4	108
G62-30T32R	51	N/A	N/A	3 or 4	108
G62-40T35R	52	N/A	N/A	3 or 4	138
†GB61-40T40	52	N/A	N/A	3 or 4	158
G62-40T40R	51-3/4	N/A	N/A	3 or 4	132
G61 -50T40R	50 1/2	N/A	N/A	3 or 4	161
G62-50T40R	50-1/2	N/A	N/A	3 or 4	161
G62-50T50	50-1/2	N/A	N/A	4	165
†G62-50T60*	54-1/4	14-1/4	54-1/4	4	182
G62-55T60*	48	14-1/4	48	4	185
Short Models					
†GB61-30S32R	40	N/A	N/A	3 or 4	114
G62-30S32R	40	N/A	N/A	3 or 4	108
†GB61-40S40	41-1/4	N/A	N/A	3 or 4	134
G62-40S40R	42	N/A	N/A	3 or 4	146
G62-50S40	41-1/4	N/A	N/A	3 or 4	177

Water connection is 3/4" on all models. All models available in propane (LP) gas.

†Models ship with supplied insulation blanket.

Extended tank warranties available.

For 10-year tank & 10-year parts limited warranty, change "6" to "10" in the model number.
Example: G102-40T40.

*Optional side-mounted recirculating taps.

All models approved for installation from sea level to 10,100 ft. elevation.

ProLine® Mobile Home Atmospheric Vent

PROLINE®

—GOOD—



COMPLIES WITH HUD STANDARDS FOR MANUFACTURED HOUSING INSTALLATION

GAS CONTROL CONVERTIBLE FOR NATURAL AND PROPANE GAS

- For flexibility to meet the varying needs of manufactured housing installations

TOP WATER CONNECTIONS (3/4" MALE)

GREEN CHOICE® GAS BURNER

- Patented eco-friendly burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J

COREGARD™ ANODE ROD

BLUE® DIAMOND GLASS COATING

ENHANCED-FLOW BRASS DRAIN VALVE

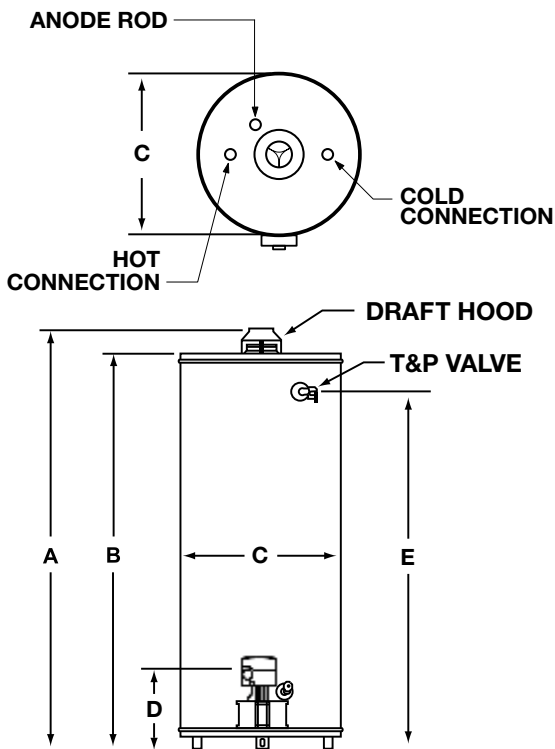
CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	BTU Input Per Hour Natural Gas	BTU Input Per Hour Propane Gas	Recovery @ 90°F Rise Gallon Per Hour
MHG62-30T35R	30	29	63	0.61	35,500	32,000	31
MHG62-40T35R	40	38	59	0.58	35,500	32,000	41

Model Number	DIMENSIONS IN INCHES						Approx. Shipping Weight (lbs)
	A	B	C	D	E	Draft Hood Outlet	
MHG62-30T35R	61-1/2	58	18	13	52	3 or 4	129
MHG62-40T35R	61-3/4	58-1/4	20	13	51-3/4	3 or 4	153

All models ship from the factory for use with natural gas, a complete propane burner is supplied for converting to propane gas.

All models are certified from sea level to 10,100 ft. elevation.

No option available for top T&P.

ProLine® Mobile Home Direct Vent

PROLINE®

—GOOD—



COMPLIES WITH HUD STANDARDS FOR MANUFACTURED HOUSING INSTALLATION

GAS CONTROL CONVERTIBLE FOR NATURAL AND PROPANE GAS

- For flexibility to meet the varying needs of manufactured housing installations

DIRECT VENT MODELS PACKAGE WITH BOTTOM INTAKE AIR VENT

- To draw all combustion make-up air from outside the structure

OPTIONAL DUCTED AIR INLET KIT FOR DIRECT VENT MODELS

- For use when water heater is installed over a basement
- Provisions for horizontal air inlet ducting

SIDE-MOUNTED 3/4" COLD WATER INLET

GREEN CHOICE® GAS BURNER

- Patented eco-friendly burner design reduces NOx emissions up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

ENHANCED-FLOW BRASS DRAIN VALVE

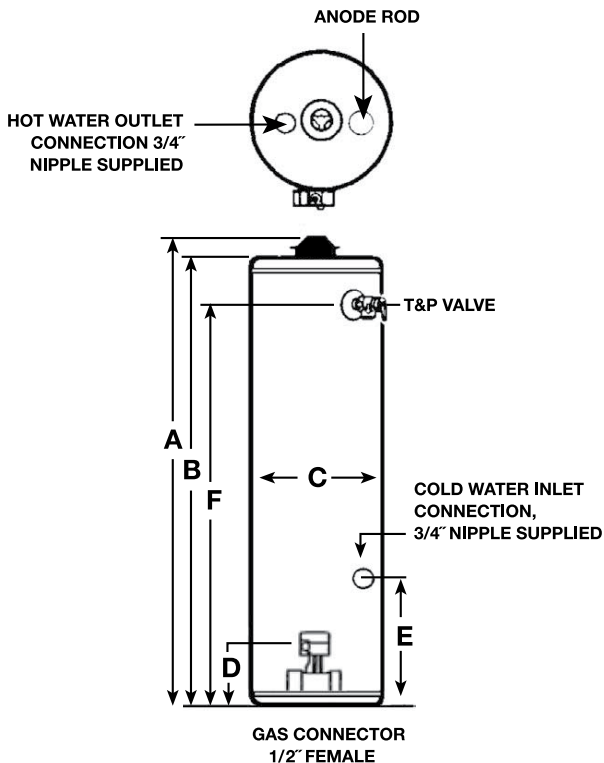
BLUE DIAMOND® GLASS COATING

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

6-YEAR LIMITED TANK AND 2-YEAR PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	Recovery @ 90°F Rise Gallon Per Hour	Btu Input Per Hour Natural Gas	Btu Input Per Hour Propane
MHDV-62-30T30-3NV	30	29	0.61	60	31	30,000	29,000
MHDV-62-40T32-3NV	40	38	0.59	57	33	32,000	29,000
MHDV-62-50T40-3NV	50	47	0.56	67	39	40,000	37,000

Model Number	Dimensions in Inches							Approx. Shipping Weight (lbs)
	A	B	C	D	E	F	Draft Hood Outlet	
MHDV-62-30T30-3NV	61	58	18	13	14-1/4	52-1/2	3	129
MHDV-62-40T32-3NV	61-3/4	58-3/4	20	13	14-1/4	52-1/4	3	153
MHDV-62-50T40-3NV	60	57	22	13	14-1/4	50	3	168

All models ship from the factory for use with natural gas, a complete propane burner is supplied for converting to propane gas.

No option available for top T&P.

Water connection-3/4" on all models.

All models approved for installation from sea level to 5,400 ft. elevation.

ProLine® Ultra-Low NOx

PROLINE®

—GOOD—



THE ELECTRONIC GAS CONTROL INCORPORATES AN LED STATUS INDICATOR THAT MONITORS SYSTEM OPERATION AND SERVICE DIAGNOSTICS

HIGH UNIFORM ENERGY FACTOR (UEF)

- Eco-friendly non-CFC foam insulation, heat traps and specially designed combustion chamber combine to produce a high UEF for maximum savings on operating costs

GREEN CHOICE® GAS BURNER

- Enhanced Ultra-Low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10 ng/J

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

PUSH-BUTTON PIEZO IGNITOR

HEAT TRAP NIPPLES

BLUE DIAMOND® GLASS COATING

ENHANCED-FLOW BRASS DRAIN VALVE

CODE COMPLIANCE

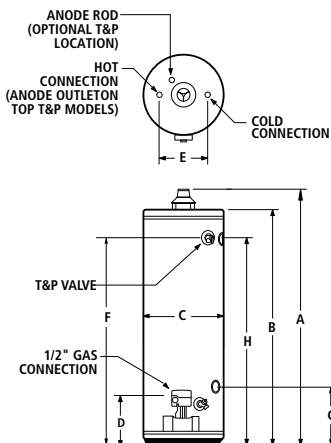
- Meets UBC, CEC and HUD National Codes
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy Conservation Act (EPCA), as amended

DESIGN-CERTIFIED 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 gas water heaters

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Maximum Hydrostatic Working Pressure: 150 PSI

Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	BTU Input Natural Gas	Recovery @ 90°F Rise Gallon Per Hour	Approx. Shipping Weight (lbs)
TALL MODELS							
GU61-30T30	30	29	62	0.59	33,000	34	126
GU61-40T40R	40	38	83	0.64	40,000	41	132
GU62-40T40R	40	38	83	0.64	40,000	41	132
GU61-50T40R	50	48	84	0.61	40,000	42	161
GU62-50T40R	50	48	84	0.64	40,000	42	161
GU62-50T50	50	48	91	0.60	50,000	51	177
SHORT MODELS							
GU62-40S40	40	38	72	0.57	40,000	41	138

Model Number	Dimensions in Inches								
	A	B	C	D	E	F	G*	H*	Draft Hood
TALL MODELS									
GU61-30T30	61-3/4	58	16	12	8	51-3/4	N/A	N/A	3 or 4
GU61-40T40R	62	58-1/4	18	12	8	52	N/A	N/A	3 or 4
GU62-40T40R	62	58-1/4	20	12	8	52	N/A	N/A	3 or 4
GU61-50T40R	60-3/4	57-1/4	20	12	8	50-1/2	N/A	N/A	3 or 4
GU62-50T40R	60-3/4	57-1/4	22	12	8	50-1/2	N/A	N/A	3 or 4
GU62-50T50	61	57-1/2	22	12-1/4	8	50-1/2	12-1/4	50-1/2	4
SHORT MODELS									
GU62-40S40	51-1/2	47-3/4	22	12	8	41-1/4	N/A	N/A	3 or 4

All models may be ordered from the factory with top T&P valve as an option.

*Side loop connections are standard on model GU62-50T50.

All models are certified from sea level to 10,100 ft. elevation.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

ProLine® Ultra-Low NOx Direct Vent

PROLINE®

—GOOD—



**FLAMMABLE VAPOR RESISTANT/
DIRECT VENT SEALED
COMBUSTION SYSTEM**

**DURABLE, ULTRA-LOW NOX
BURNER CONSTRUCTION**

NON-CFC FOAM INSULATION

- The tank is surrounded by a thick coat of non-CFC polyurethane foam to trap heat inside the tank, saving energy

**3/4" TOP WATER CONNECTIONS
AND SIDE SPACE HEATING
CONNECTIONS**

1/2" GAS CONNECTION

COREGARD™ ANODE ROD

**BLUE DIAMOND® GLASS
COATING**

**ENHANCED-FLOW BRASS DRAIN
VALVE**

GREEN CHOICE® GAS BURNER

- Complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10 ng/J



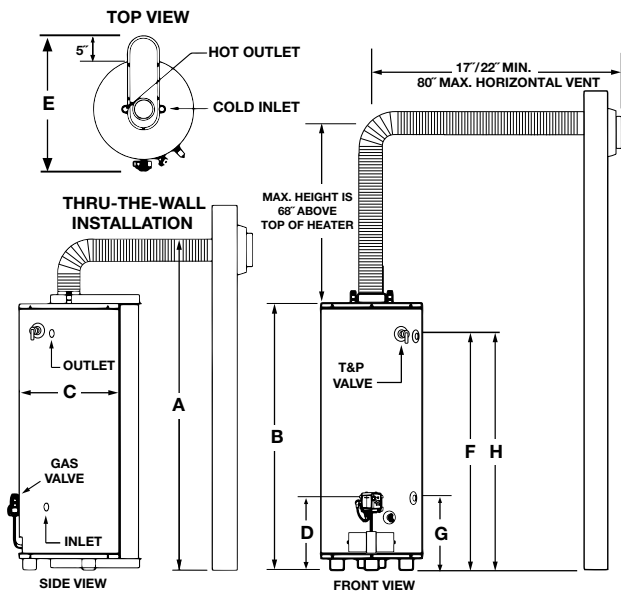
CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

**CSA CERTIFIED AND ASME
RATED T&P RELIEF VALVE**

**6-YEAR LIMITED TANK AND
PARTS WARRANTY**

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Per Hour
DVUG62-40S36-NV	40	28	0.60	52	39	36,000
DVUG62-50T38-NV	50	48	0.65	76	41	38,000

Model Number	Dimensions in Inches			
	Concentric Vent Connection	A	B	C
DVUG62-40S36-NV	3 and 5	65-1/4	50-1/2	22
DVUG62-50T38-NV	3 and 5	73-1/2	58-1/2	22

Model Number	Dimensions in Inches					Approx. Shipping Weight (lbs)
	D	E	F	G	H	
DVUG62-40S36-NV	13-1/2	30	43-7/8	15	45	179
DVUG62-50T38-NV	13-1/2	30	52-1/4	15	53	193

No option available for top T&P valve.

All models have 3/4" top water connections and come standard with side loop fittings.

All models are certified from sea level to 7,700 ft.elevation.

ProLine® Ultra-Low NOx High Capacity

PROLINE®

—GOOD—



AHR CERTIFIED®
www.ahridirectory.org

FULLY AUTOMATIC CONTROLS WITH SAFETY SHUTOFF

HEAVY GAUGE STEEL JACKET

BLUE DIAMOND® GLASS COATING

FOAM INSULATION

ULTRA-LOW NOX EMISSIONS

- Complies with SCAQMD Rule 1146.2 and other Air Quality Management Districts with similar requirements of 14 ng/J or 20 ppm

EASY-TO-INSTALL

- Completely factory-assembled. Only gas, water and vent connections need to be made. All connections are located in front and top of heaters for ease-of-installation and service.

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod, allowing superior tank protection far longer than standard anode rods

MAXIMUM PRESSURE

- 150 psi

MAXIMUM GAS INLET PRESSURE

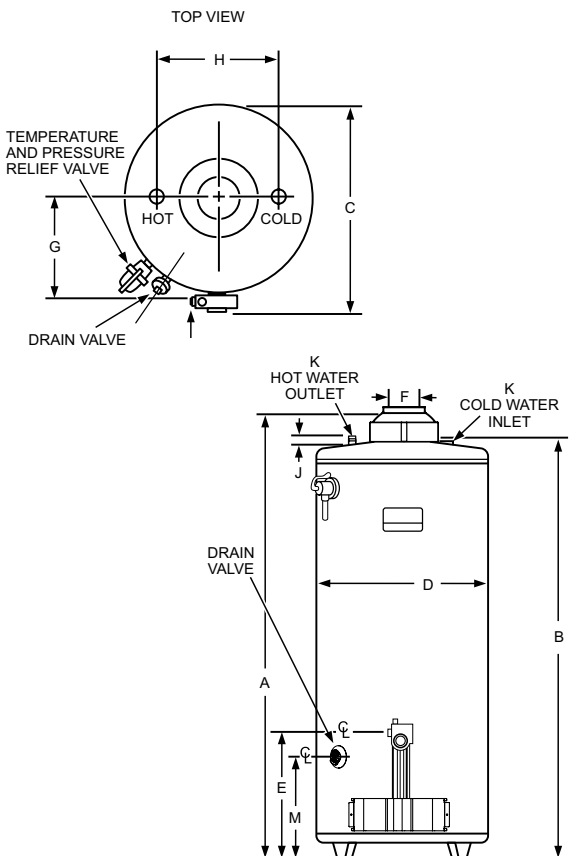
- 14" W.C.

CODE COMPLIANCE

- The Ultra-Low NOx atmospheric vent residential gas water heater meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and Current Edition ASHRAE/IES 90.1.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Per Hour
†UG62-75T75-4NV **	74	71	102	0.64	81	75,100
UG62-100T75-4NV *	98	95	120	0.58	82	75,100

Dimensions in Inches						
Model Number	A	B	C	D	E	F
†UG62-75T75-4NV**	62-1/16	58	29-1/2	25-1/4	15-7/8	4
UG62-100T75-4NV *	70-1/2	66-1/2	30-15/16	27-3/4	15-3/16	4

Dimensions in Inches							Approx. Shipping Weight (lbs)
Model Number	G	H	J	K	L	M	
†UG62-75T75-4NV**	15-1/4	16	2	1	1/2	12-1/2	285 lbs
UG62-100T75-4NV *	15-3/4	16	1-1/4	1-1/4	1/2	11-15/16	350 lbs

*Recovery rating based on 81% thermal efficiency.

**Recovery rating based on 80% thermal efficiency.

† The UG62-75T75-4NV comes standard with side loop fittings for use with hydronic heating applications.

Hybrid Electric Heat Pump AL with Anti-Leak Technology

PROLINE® XE

— BEST —



AHR

CERTIFIED®
www.ahridirectory.org

LEAK PROTECTION TECHNOLOGY

- Coregard™ anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods
- Smart sensor alerts user in the event a leak does occur for added peace of mind
- Compatible with accessory automatic water shutoff valve for enhanced protection (accessory kit 100345338)

EXCEPTIONAL ENERGY EFFICIENCY

- Improved efficiency up to 3.88 Uniform Energy Factor (UEF) can reduce the cost of water heating by up to 75%*
- ENERGY STAR® certified for many state and local utility rebates

iCOMM® SMART CONNECTIVITY

- Monitor and control your water heater through the free iCOMM™ app
- Connect through a local Wi-Fi network or directly to the water heater through Bluetooth
- If applicable download the Time of Use schedule of your local electric utility to prioritize heating when the rates are most affordable
- Receive alerts and notifications

FLEXIBLE DESIGN

- Top and front water connections for easy installation
- Zero clearance required on sides and back to fit in tighter spaces
- Integrated ducting adapters for installations in confined spaces

QUIET OPERATION

- Whisper-quiet operation at 45 dBA

ELECTRONIC CONTROLS

- User-friendly electronic interface allows easy control of temperature, operating mode and diagnostics
- Select from Heat Pump, Hybrid or Electric modes to match hot water demand. Vacation mode can reduce energy use while you are away.
- Long-lasting 4500W backup elements can supplement the heat pump depending on operating mode, environmental conditions and hot water demand

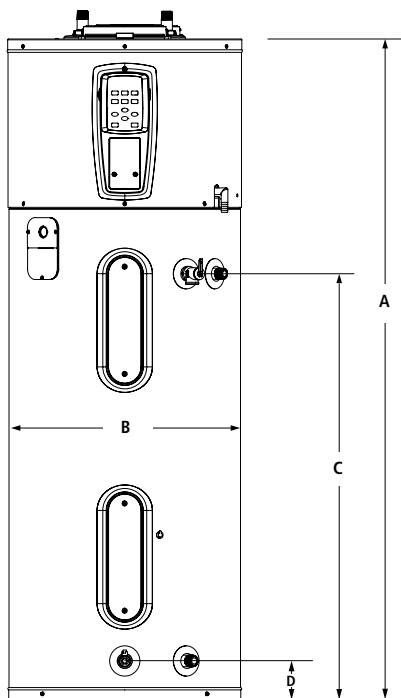
CODE COMPLIANCE

- NEEA Tier 4
- California Title 24 JA13 Qualified
- CTA-2045 (AC)
- OpenADR 2.0b VEN
- Meets IBC and HUD Codes

10-YEAR LIMITED WARRANTY

- For complete information, consult written warranty or americanwaterheater.com

*Comparing 80-gallon Heat Pump AL against pre-2015 similarly-sized standard electric using DOE EF to UEF conversion rates. Savings may vary.



Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	Approx. Shipping Weight (lbs)	Warranty Term
HPS10250H045DV	50	46	3.80	65	196	10
HPS10266H045DV	66	67	3.70	82	284	10
HPS10280H045DV	80	82	3.88	95	302	10

Model Number	Dimensions in Inches			
	A	B	C	D
HPS10250H045DV	63	22	40-1/2	3-3/4
HPS10266H045DV	61-1/2	26-1/2	38-1/4	4
HPS10280H045DV	69	26-1/2	46-1/2	4

Requires 208/240 VAC 50/60Hz single phase power and 30 amp breaker.
Top T&P option not available on these models.

Smart Hybrid Electric Heat Pump MAX

PROLINE® XE

— BEST —



Low Lead Content



AHRF CERTIFIED®
www.ahrfdirectory.org

EXCEPTIONAL ENERGY EFFICIENCY

- Improved efficiency up to 3.88 Uniform Energy Factor (UEF) can reduce the cost of water heating by up to 75%*
- Heat pump can work down to 37°F ambient for more days of high efficiency operation

MORE HOT WATER

- Choose from three Hot Water+ levels for up to 40% more hot water than a standard heat pump
- Guest Mode provides maximum hot water for up to seven days
- Innovative digital smart valve

iCOMM® SMART CONNECTIVITY

- Monitor and control your water heater through the free iCOMM app
- Connect through a local Wi-Fi network or directly to the water heater through Bluetooth
- If applicable download the Time of Use schedule of your local electric utility to prioritize heating when the rates are most affordable
- Receive alerts and notifications

LEAK PROTECTION TECHNOLOGY

- Coregard™ anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods
- Smart sensor leak detection and automatic water shutoff for added peace of mind and enhanced protection

WHISPER QUIET OPERATION AT 45 dBA

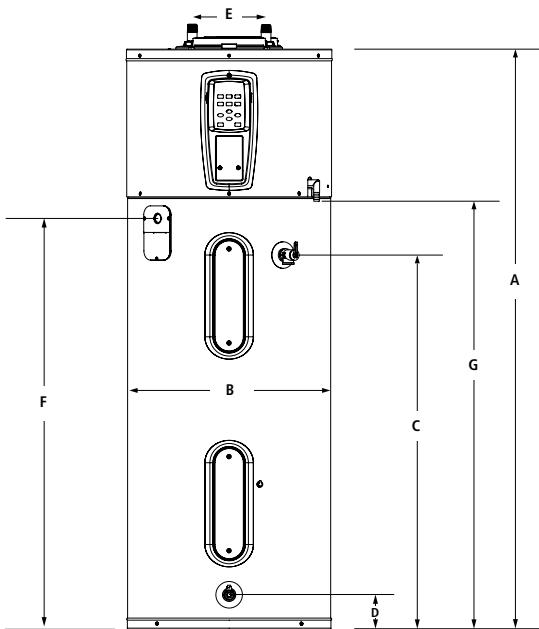
- No vibration isolation kit required

FLEXIBLE DESIGN

- Contractor preferred top water connections
- Zero clearance required on sides and back to fit in tighter spaces
- 450 ft³ space requirement is lower than other heat pump water heaters plus integrated ducting adapters for easy installation in smaller spaces
- Ideal for basements, utility rooms or garage installations; the compressor transfers heat to the water while dehumidifying and cooling the ambient air

10-YEAR LIMITED WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	Approx. Shipping Weight (lbs)	Warranty Term
HPA10240H045DV	40	36	3.60	55	191	10
HPA10250H045DV	50	46	3.68	65	196	10
HPA10266H045DV	66	68	3.84	83	284	10
HPA10280H045DV	80	81	3.88	95	302	10

Model Number	Dimensions in Inches			
	A	B	C	D
HPA10240H045DV	64-3/4	20	41-1/2	3-3/4
HPA10250H045DV	63	22	40-1/2	3-3/4
HPA10266H045DV	61-1/2	26-1/2	38-1/4	4
HPA10280H045DV	69	26-1/2	46-1/2	4

Top T&P option not available.

ProLine® XE High Efficiency Hybrid Electric Heat Pump

PROLINE® XE

— BEST —



AHRI CERTIFIED®
www.ahridirectory.org

INCREASED ENERGY EFFICIENCY

- Reduce water heating costs up to 73% compared to a standard electric water heater
- Up to a 3.45 Uniform Energy Factor (UEF) Rating conserves energy and meets ENERGY STAR® qualifications

DUAL VOLTAGE CAPABLE

- 208/240 VAC 60Hz capable for use in almost any residential installation

CHOICE OF OPERATING MODES

- Select from Efficiency, Hybrid, or Electric modes to match heating requirements to environmental conditions and hot water demand. Hybrid mode automatically adjusts between compressor and element, depending upon heat requirements.
- Vacation mode reduces operating costs during extended absence

BACKUP ELECTRIC ELEMENTS

- Long-lasting 4500W backup heating elements help heat water according to environmental conditions, demand, and the chosen operating modes

DRY FIRE PROTECTION

- Control system ensures the tank is full of water during start up to prevent dry firing the heating elements

ELECTRONIC USER INTERFACE

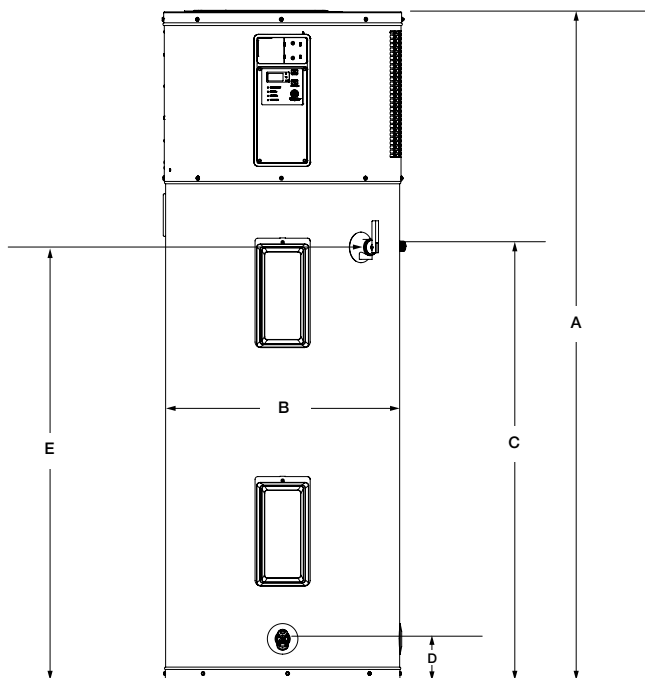
- User-friendly electronic interface allows easy control of temperature setting, operating mode, and communicates diagnostics
- Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

OTHER FEATURES

- Ideal for basements or garage installations; the compressor transfers heat to the water while dehumidifying and cooling the ambient air
- Washable air filter is easily removed for routine cleaning
- Accessory Inlet/Outlet Duct Kit (Part number 100234320)

10-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)
HPHE10250H045DVN	50	46	3.45	66
HPHE10266H045DVN	66	67	3.45	79
HPHE10280H045DVN	80	82	3.45	86

Model Number	Dimensions in Inches					Approx. Shipping Weight (lbs)	Warranty Term
	A	B	C	D	E		
HPHE10250H045DVN	63	22	40-5/8	3-3/4	40-1/2	196	10
HPHE10266H045DVN	61	27	38	4	38	289	10
HPHE10280H045DVN	69	27	46	4	46	307	10

Requires 30 amp breaker.

Top T&P option not available on these models.

ProLine® XE High Efficiency Hybrid Electric Heat Pump

PROLINE® XE

— BEST —



INCREASED ENERGY EFFICIENCY

- Reduce water heating costs up to 73% compared to a standard electric water heater
- Up to a 3.45 Uniform Energy Factor (UEF) Rating conserves energy and meets ENERGY STAR® qualifications

DUAL VOLTAGE CAPABLE

- 208/240 VAC 60Hz capable for use in almost any residential installation

CHOICE OF OPERATING MODES

- Select from Efficiency, Hybrid, or Electric modes to match heating requirements to environmental conditions and hot water demand. Hybrid mode automatically adjusts between compressor and element, depending upon heat requirements.
- Vacation mode reduces operating costs during extended absence

BACKUP ELECTRIC ELEMENTS

- Long-lasting 4500W backup heating elements help heat water according to environmental conditions, demand, and the chosen operating modes

DRY FIRE PROTECTION

- Control system ensures the tank is full of water during start up to prevent dry firing the heating elements

ELECTRONIC USER INTERFACE

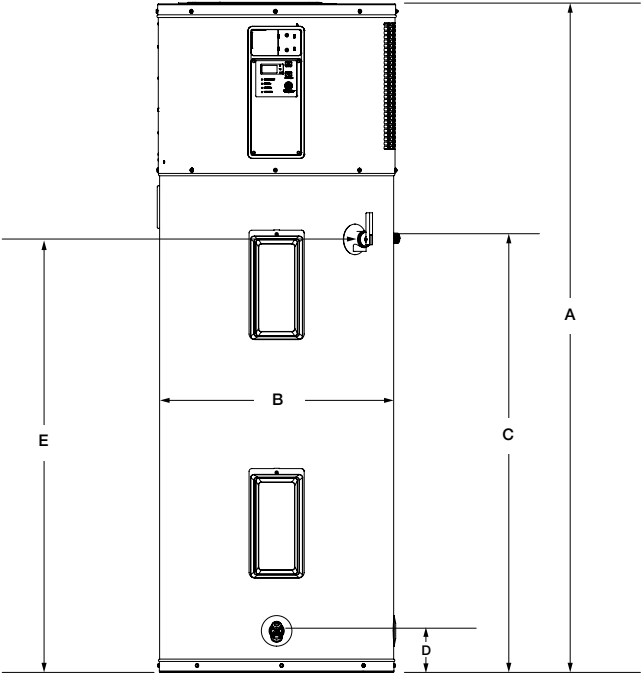
- User-friendly electronic interface allows easy control of temperature setting, operating mode, and communicates diagnostics
- Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

OTHER FEATURES

- Ideal for basements or garage installations; the compressor transfers heat to the water while dehumidifying and cooling the ambient air
- Washable air filter is easily removed for routine cleaning
- Accessory Inlet/Outlet Duct Kit (Part number 100234320)

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)
HPHE6250H045DV	50	46	3.35	66
HPHE6266H045DV	66	67	3.42	79
HPHE6280H045DV	80	82	3.45	84

Model Number	Dimensions in Inches					Approx. Shipping Weight (lbs)	Warranty Term
	A	B	C	D	E		
HPHE6250H045DV	63	22	40-5/8	3-3/4	40-1/2	196	6
HPHE6266H045DV	61	27	38	4	38	289	6
HPHE6280H045DV	69	27	46	4	46	307	6

Requires 30 amp breaker.
Top T&P option not available on these models.

ProLine® Master Smart Electric

PROLINE® MASTER
— BETTER —



ELECTRONIC CONTROLS WITH WIFI CONNECTIVITY

- Standard and vacation operating modes
- Seven-segment display
- Diagnostic feedback
- Element “Dry-Fire” protection

REMOTE CONTROL THROUGH THE iCOMM APP

- Change water temperature and operating mode remotely
- Schedule hot water demand for optimized performance

LEAK DETECTION SENSOR

- Sounds an audible alarm when water is detected

AUTOMATIC SHUT-OFF VALVE

- Closes valve on incoming cold water inlet when leak is detected

ENHANCED HEATING ELEMENTS

- Dual 5500 watt elements for the fastest recovery and reliable operation
- Stainless steel elements last longer than standard copper elements

HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, heat traps and other features combine to yield a high Uniform Energy Factor (UEF) that maximizes savings on operating costs

COREGARD™ ANODE ROD

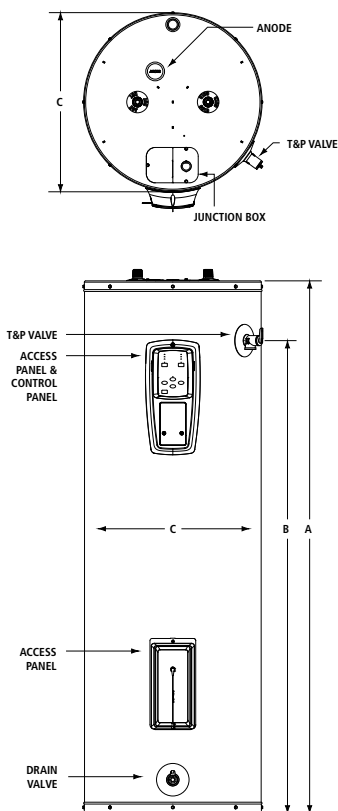
- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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
- Complies with the Federal Energy Conservation
- Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

8-YEAR LIMITED TANK AND PARTS WARRANTY

- 4 year warranty extension available
- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Recovery @ 90°F Rise Gallon Per Hour	Approx. Shipping Weight (lbs)
Tall Models						
ES10N-40H	40	36	63	0.93	25	106
ES10N-50H	50	45	74	0.92	25	109
ES10N-55H	55	55	75	0.94	25	145
Short Models						
ES10N-40R	40	37	64	0.92	25	95
ES10N-50R	50	46	67	0.92	25	117

Model Number	Element Wattage 240V		Dimensions in Inches		
	Standard	Maximum	A	B	C
Tall Models					
ES10N-40H	5500	5500	61-1/4	53-1/4	20
ES10N-50H	5500	5500	59	51-1/4	20-1/2
ES10N-55H	5500	5500	56-1/2	48-1/2	24
Short Models					
ES10N-40R	5500	5500	49-3/4	40-3/4	20-1/2
ES10N-50R	5500	5500	49-3/4	40-1/4	23

3/4" water connections on 8" center.

Only available for 240V or 208V applications. Equipped as dual element only, no single element configurations available. Minimum wattage available is 4,500 watt elements. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

ProLine® Master Electric Grid-Capable

PROLINE® MASTER
— BETTER —



AHR CERTIFIED®
www.ahridirectory.org

ELECTRONIC CONTROLS WITH WIFI CONNECTIVITY

- Standard and vacation operating modes
- Seven-segment display
- Diagnostic feedback
- Element “Dry-Fire” protection

REMOTE CONTROL THROUGH THE iCOMM APP

- Change water temperature and operating mode remotely
- Schedule hot water demand for optimized performance

LEAK DETECTION SENSOR

- Sounds an audible alarm when water is detected

AUTOMATIC SHUT-OFF VALVE

- Closes valve on incoming cold water inlet when leak is detected

ENHANCED HEATING ELEMENTS

- Dual 5500 watt elements for the fastest recovery and reliable operation
- Stainless steel elements last longer than standard copper elements

HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, heat traps and other features combine to yield a high Uniform Energy Factor (UEF) that maximizes savings on operating costs

COREGARD™ ANODE ROD

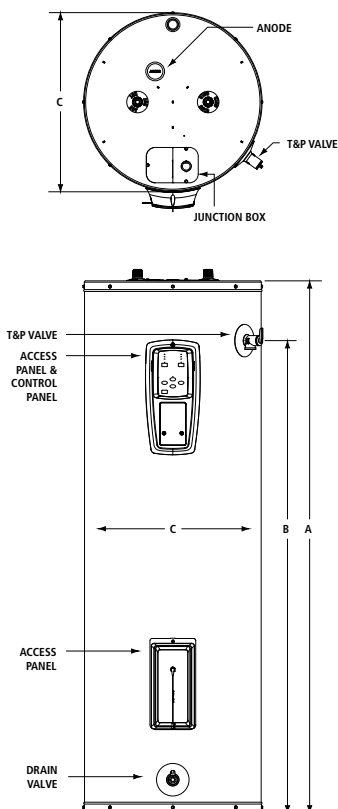
- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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
- Complies with the Federal Energy Conservation
- Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended
- Meets state of WA and OR requirements

8-YEAR LIMITED TANK AND PARTS WARRANTY

- 4 year warranty extension available
- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Recovery @ 90°F Rise Gallon Per Hour	Approx. Shipping Weight (lbs)
Tall Models						
EEA8F-40H	40	36	63	0.93	25	106
EEA8F-50H	50	45	74	0.92	25	109
EEA8F-55H	55	55	75	0.94	25	145
Short Models						
EEA8F-40R	40	37	64	0.92	25	95
EEA8F-50R	50	46	67	0.92	25	117

Model Number	Element Wattage 240V		Dimensions in Inches		
	Standard	Maximum	A	B	C
Tall Models					
EEA8F-40H	5500	5500	61-1/4	53-1/4	20
EEA8F-50H	5500	5500	59	51-1/4	20-1/2
EEA8F-55H	5500	5500	56-1/2	48-1/2	24
Short Models					
EEA8F-40R	5500	5500	49-3/4	40-3/4	20-1/2
EEA8F-50R	5500	5500	49-3/4	40-1/4	23

3/4" water connections on 8" center.

Only available for 240V or 208V applications. Equipped as dual element only, no single element configurations available. Minimum wattage available is 4,500 watt elements. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

ProLine® Master Standard

PROLINE® MASTER
— BETTER —



Low Lead Content



AHRI CERTIFIED®
www.ahridirectory.org

COMMERCIAL-GRADE HEATING ELEMENTS

- Dual 4500 watt elements for faster recovery and reliable operation
- Long-lasting dual stainless steel elements last longer than standard copper elements

BLUE DIAMOND® GLASS COATING

- Blue Diamond® Glass Coating blend is formulated in the same lab that creates the protection for our industry-leading commercial product line

HIGH UNIFORM ENERGY FACTOR (UEF)

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

APPROVED FOR MANUFACTURED HOUSING

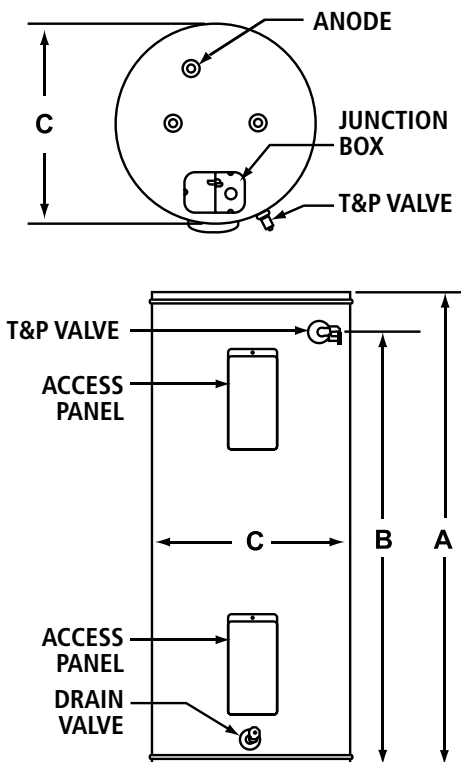
- All residential electric water heaters are compliant with HUD standards for mobile homes/manufactured housing

DESIGN-LISTED BY UNDERWRITERS LABORATORIES

- Certified at 300 psi test pressure and 150 psi working pressure
- Listed according to UL 174 standards governing storage tank-type electric water heaters

8-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Recovery @ 90°F Rise Gallon Per Hour	Approx. Shipping Weight (lbs)
Tall Models						
E8N-40H	40	36	53	0.92	21	118
E8N-50H	50	46	62	0.92	21	125
E8N-55H	55	55	72	0.93	21	145
Short Models						
E8N-40R	40	37	55	0.92	21	109
E8N-40RW	40	37	41	0.88	18	109
E8N-50R	50	46	57	0.92	21	161

Model Number	Element Wattage 240V			Dimensions in Inches		
	Standard	Minimum	Maximum	A	B	C
Tall Models						
E8N-40H	4500	3500	6000	61-1/4	53-1/4	18
E8N-50H	4500	3000	6000	59	51-1/4	20-1/2
E8N-55H	4500	2500	6000	56-1/2	48-1/2	24
Short Models						
E8N-40R	4500	4500	6000	50	40-3/4	20-1/2
E8N-40RW	-	1000	4000	50	40-3/4	20-1/2
E8N-50R	4500	2500	6000	49-3/4	40-3/8	23

Male 3/4" water connections on 8" center. Models requiring a lower wattage than what is listed in the minimum wattage column and showing the @ symbol, will change to a "W" suffix model number. "W" suffix models are available down to 1kW. (example: E8N-40R using 4,000 watt elements or less will become "E8N-40RW"). Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

ProLine® Grid-Capable Electric Water Heaters

PROLINE®

—GOOD—



AHRI CERTIFIED®
www.ahridirectory.org

ELECTRONIC CONTROLS

- Standard and vacation operating modes
- Seven-segment display
- Diagnostic feedback
- Element “Dry-Fire” protection

UTILITY GRID-CAPABLE

- Equipped with Demand Response (CTA-2045 EcoPortCM) communication port
- Allows for participation in Utility Demand Response programs (Module needed from local utility)
- Meets state of Washington and Oregon requirements

HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, heat traps and other features combine to yield a high Energy Factor that maximizes savings on operating costs

COREGARD™ ANODE ROD

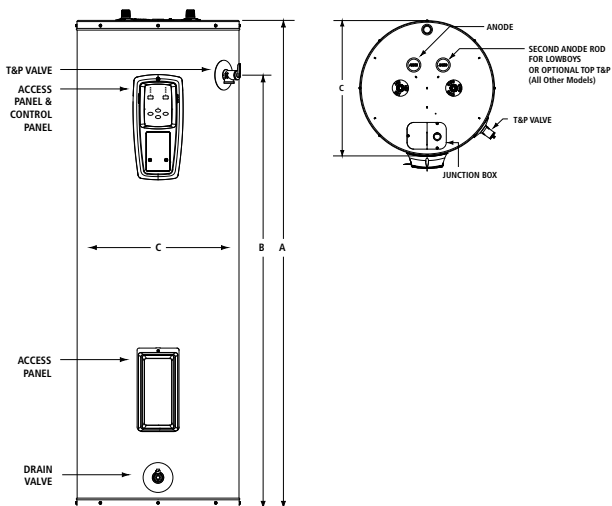
- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

6-YEAR LIMITED TANK AND PARTS WARRANTY

- 6 and 10 year warranty models
- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Element Wattage 240V	
					Standard	Maximum
Tall Models						
EE6U-40H†	40	36	55	0.93	4500	5500
EE6U-50H†	50	46	62	0.92	4500	5500
EE6U-55H†	55	55	75	0.94	4500	5500
Short Models						
EE6U-40R†	40	37	53	0.92	4500	5500
EE6U-50R†	50	46	67	0.92	4500	5500
Lowboy Top Connect Models						
EE6U-40L†	38	35	52	0.92	4500	5500
EE6U-50LB*†	48	44	55	0.92	4500	5500

Model Number	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches			Approx. Shipping Weight (lbs)
		A	B	C	
Tall Models					
EE6U-40H†	21	60-1/4	53-1/4	20	106
EE6U-50H†	21	59	51-1/4	20-1/2	109
EE6U-55H†	21	56-1/2	48-1/2	24	145
Short Models					
EE6U-40R†	21	49-3/4	40-3/4	20-1/2	95
EE6U-50R†	21	49-1/4	40-1/4	23	117
Lowboy Top Connect Models					
EE6U-40L†	21	31-1/2	24	26	118
EE6U-50LB*†	21	34	24-1/4	26-1/2	154

3/4" water connections on 8" center. Only available for 240V or 208V applications. 208 volt only available with 4,500 watt elements. Equipped as dual element only, no single element configurations available. Minimum wattage available is 4,500 watt elements.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

Top T&P is not available on the 10-year lowboy models, the EE6U-40L.

*Models ship with supplied insulation blanket.

†For 10-year tank and parts warranty, change first "E" to "P" in the model number.



ENHANCED HEATING ELEMENTS

- Dual 4500 watt elements for faster recovery and reliable operation
- Incoloy stainless steel lower element lasts longer than standard copper elements

HIGH UNIFORM ENERGY FACTOR (UEF)

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

- Increased anode protection with either longer or multiple anodes depending on model

LONG-LASTING STAINLESS STEEL UPPER AND LOWER ELEMENTS

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

APPROVED FOR MANUFACTURED HOUSING

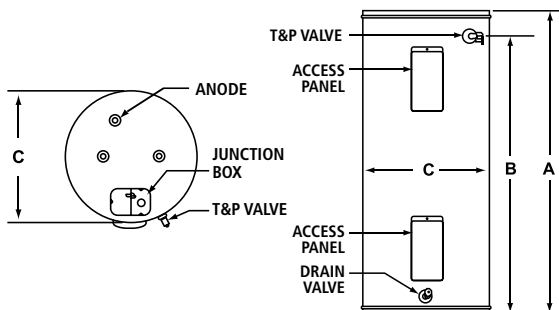
- All residential electric water heaters are compliant with HUD standards for mobile homes/manufactured housing

DESIGN-LISTED BY UNDERWRITERS LABORATORIES

- Certified at 300 psi test pressure and 150 psi working pressure
- Listed according to UL 174 standards governing storage tank-type electric water heaters

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Recovery @ 90°F Rise Gallon Per Hour	Approx. Shipping Weight (lbs)
Tall Models						
†E6N-30H	30	27	48	0.89	21	95
†E6N-40H	40	36	53	0.92	21	118
†E6N-50H	50	46	62	0.92	21	125
†E6N-55H	55	55	72	0.93	21	145
Short Models						
E6N-30RB*	30	27	50	0.91	21	95
†E6N-30R	30	27	47	0.89	21	94
†E6N-40R	40	37	55	0.92	21	109
†E6N-40RW	40	37	41	0.88	18	109
†E6N-50R	50	46	57	0.92	21	161
Lowboy Top Connect Models						
†E6N-30LB*	28	26	43	0.89	21	90
†E6N-30L	28	26	44	0.90	21	115
†E6N-36L	36	33	51	0.92	21	118
†E6N-40L	38	35	50	0.89	21	118
†E6N-40LB*	38	35	51	0.92	21	118
†E6N-40LBW*	38	35	38	0.90	18	118
†E6N-50LB*	48	44	60	0.93	21	172
†E6N-50LBW*	48	44	40	0.91	16	172
†E6N-50L	51	48	54	0.92	21	172

Model Number	Element Wattage 240V			Dimensions in Inches		
	Standard	Minimum	Maximum	A	B	C
Tall Models						
†E6N-30H	4500	1000	6000	46-1/2	39-1/2	19
†E6N-40H	4500	3500	6000	61-1/4	53-1/4	18
†E6N-50H	4500	3000	6000	59	51-1/4	20-1/2
†E6N-55H	4500	2500	6000	56-1/2	48-1/2	24
Short Models						
E6N-30RB*	4500	1000	6000	39	30-1/2	20
†E6N-30R	4500	1000	6000	39-3/4	30-1/2	22
†E6N-40R	4500	4500	6000	49-3/4	40-3/4	20-1/2
†E6N-40RW	-	1000	4000	49-3/4	40-3/4	20-1/2
†E6N-50R	4500	2500	6000	49-1/4	40-3/8	23
Lowboy Top Connect Models						
†E6N-30LB*	4500	1000	6000	30	21-3/4	20
†E6N-30L	4500	1000	6000	31-1/4	21-3/4	24
†E6N-36L	4500	4500	6000	32	24	24
†E6N-40L	4500	1000	6000	33-1/2	24	26
†E6N-40LB*	4500	4500	6000	32	24	23
†E6N-40LBW*	-	1000	4000	32	24	23
†E6N-50LB*	4500	4000	6000	34	25	26-1/2
†E6N-50LBW*	-	1000	3500	34	25	26-1/2
†E6N-50L	4500	4000	6000	36	25	26-1/2

Male 3/4" water connections on 8" center. *Models ship with supplied insulation blanket.

†For 10-year tank and 10-year parts limited warranty, change "6" to "10" in the model number (example: E10N-40H). "W" suffix models are available down to 1kW. (example: E6N-40R using 4,000 watt elements or less will become "E6N-40RW"). Top T&P is not available on the 10 year lowboy models. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

ProLine® Mobile Home

PROLINE®

—GOOD—



APPROVED FOR MANUFACTURED HOUSING

- All residential electric water heaters are compliant with HUD Standards for mobile homes/manufactured housing

SIDE WATER CONNECTIONS

- For ease of installation in mobile home applications

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods

LONG-LASTING HEATING ELEMENTS

- Screw-in, direct immersion, 3500W/240V or 3000W/120V heating elements for maximum efficiency

BLUE DIAMOND® GLASS COATING

ENHANCED-FLOW BRASS DRAIN VALVE

- Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type, drain valve
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODE COMPLIANCE

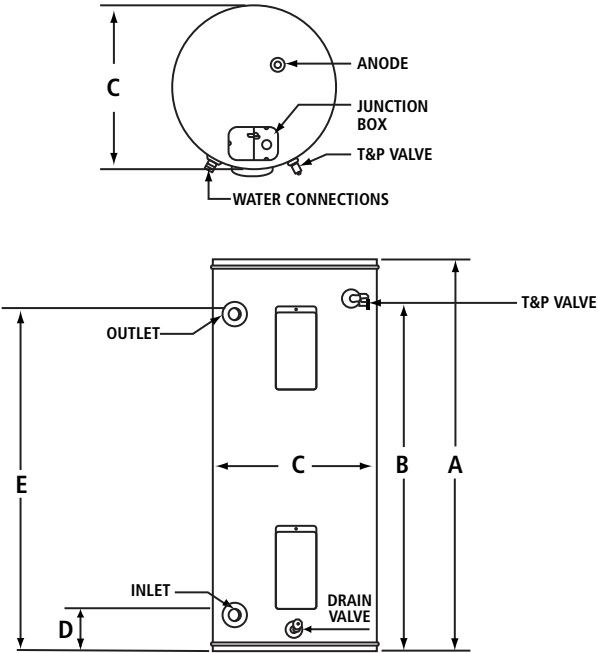
- Meets UBC, CEC and HUD National Codes
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

DESIGN-LISTED BY UNDERWRITERS LABORATORIES

- Certified at 300 psi test pressure and 150 psi working pressure
- Listed according to UL 174 standards governing storage tank-type electric water heaters

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Recovery @ 90°F Rise Gallon Per Hour	Voltage
EMH6-30H	30	27	50	0.90	14	120
	30	27	50	0.90	16	240
EMH6-40RW	40	36	40	0.91	14	120
	40	36	40	0.91	16	240
EMH6-30L*	28	26	47	0.90	14	120
	28	26	47	0.90	16	240

Model Number	Wattage		Dimensions in Inches		Approx. Shipping Weight (lbs)
	Upper Element	Lower Element	Height to Top of Heater	Diameter	
EMH6-30H	3000	3000	46-3/4	19	98
	3500	3500	46-3/4	19	98
EMH6-40RW	3000	3000	50	22	109
	3500	3500	50	22	109
EMH6-30L*	3000	3000	30	22	96
	3500	3500	30	22	96

*Models ship with supplied insulation blanket.
Top T&P option not available on these models.
3/4" water connections.



TABLE TOP



POINT-OF-USE



COMPACT



LOWBOY

APPROVED FOR MANUFACTURED HOUSING

- All residential electric water heaters are compliant with HUD Standards for mobile homes/manufactured housing

TABLE TOP

- Features a convenient flat porcelain surface at 36" height, providing extra "counter space" wherever installed. All plumbing and electrical connections are made through the back of the water heater. This heater is equipped with a PEX cross-linked polymer dip tube.

POINT-OF-USE

- Designed for low-demand, such as office lavatories or buildings with remote restrooms

COMPACT

- Top-mounted plumbing connections (optional side-mounted water connections for field conversion). Designed for installation under a counter, in a crawl space or in other tight spaces.

CODE COMPLIANCE

- Meets UBC, CEC and HUD 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended

DESIGN-LISTED BY UNDERWRITERS LABORATORIES

- Certified at 300 psi test pressure and 150 psi working pressure
- Listed according to UL 174 standards governing storage tank-type electric water heaters

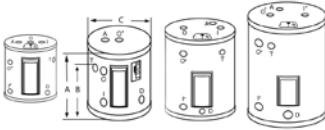
6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Compact Models

E61-06U-017SV, E61-12U-015SV
E61-20U-015SV, E61-19L-045D



I	Inlet	D	Drain	I*	Plugged Inlet
O	Outlet	T	T&P	O*	Plugged Outlet

Lowboy Models

E6N-30LS, E6N-30LBS
E6N-40LS, E6N-40LBS

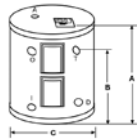
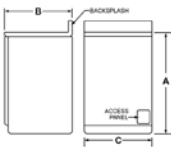


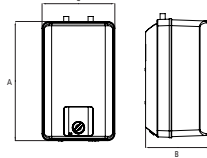
Table Top Model

E62-38T-045DV



Point-Of-Use

E1E2.5US015V



Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Element Wattage	
					Standard	Maximum
Compact Models					120V	240V
E61-06U-017SV	6	6	N/A	N/A	1650	3000
E61-12U-015SV	12	12	N/A	N/A	1500	6000
E61-20U-015SV	19	17	N/A	N/A	1500	6000
E61-19L-045DV	19	18	N/A	N/A	4500 @240V	6000
Lowboy Side-Connect Model					240V	
E6N-30LBS*	28	26	47	0.90	4500	6000
E6N-30LS	28	26	43	0.91	4500	6000
E6N-40LBS*	38	35	57	0.94	4500	6000
E6N-40LBSW*	38	35	38	0.91	-	4000
E6N-40LS	38	35	54	0.93	4500	6000
E6N-40LSW	38	35	38	0.91	-	4000
Table Top Model					240V	
E62-38T-045DV	38	35	55	0.90	4500	5500
Point-Of-Use-Models					120V	
E1K2.5US015V	2.5	2.6	N/A	N/A	1440 @ 120V	
E1K4US015V	4	3.8	N/A	N/A	1440 @ 120V	
E1K6US015V	6	5.9	N/A	N/A	1440 @ 120V	

Model Number	Recovery @ 90°F Rise Gallons Per Hour	Dimensions in Inches			Approx. Shipping Weight (lbs)
		A	B	C	
Compact Models					
E61-06U-017SV	8	15-1/4	10-3/4	14-1/4	35
E61-12U-015SV	7	22 3/4	16 1/2	16	49
E61-20U-015SV	7	24-3/4	18-5/8	18	68
E61-19L-045DV	21	31 1/4	24 1/4	16	60
Lowboy Side-Connect Model					
E6N-30LBS*	21	30	21-3/4	22	101
E6N-30LS	21	31-1/4	21-3/4	24	115
E6N-40LBS*	21	31-3/4	24	24	118
E6N-40LBSW*	18	31-3/4	24	24	118
E6N-40LS	21	33-1/2	24	26	118
E6N-40LSW	18	33-1/2	24	26	118
Table Top Model					
E62-38T-045DV	21	36	24	25	150
Point-Of-Use-Models					
E1K2.5US015V	7	18-1/2	13-1/4	12 1/4	17
E1K4US015V	7	23 1/4	13-1/4	12 1/4	20
E1K6US015V	7	24 1/4	16	15	24

*Models ship with a supplied insulation blanket. When ordering models EN6-40LS or EN6-40LBS the model number will change for wattages of 4kW to 1kW. The new model number will include a "W" suffix (example: EN6-40LBSW).

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

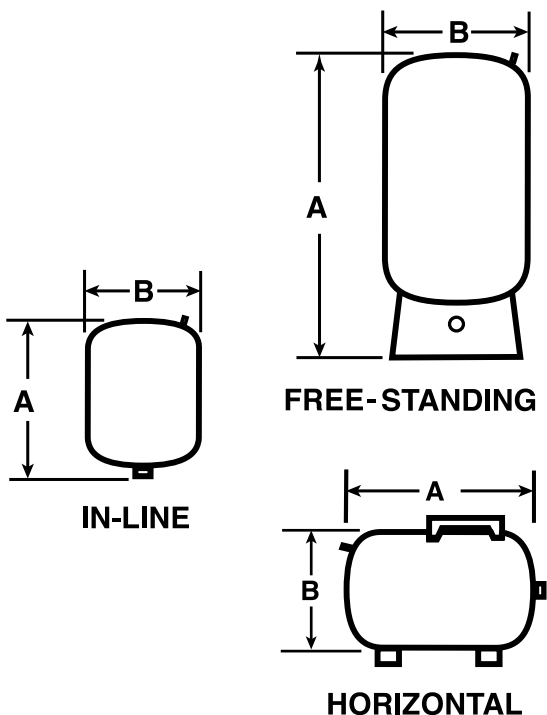
In-Line, Free-Standing and Horizontal



Certified to NSF/ANSI
61-G and 372

- Metal air valve
- 100 psi working pressure
- Multiple head construction
- Interior epoxy coating
- Durable butyl rubber parabolic diaphragm
- Positive lock retention system, eliminates loss of air and/or water leaks in the tank
- Electrostatically applied powder-coated exterior provides the ultimate protection against corrosion
- 5-year limited warranty

Residential Pump Tanks



Model Number	Volume (Gallons)	Connecting NPT Size	Dimensions in Inches			Weight (lbs.)
			Overall Height A	To Center of Water Inlet	Diameter B	
Inline and Free-Standing Series						
APTI-2	1.9	3/4 (M)	10-3/16	-	8-1/4	5
APTI-5	4.8	3/4 (M)	14-3/4	-	11	9
APTI-7	7.3	3/4 (M)	21-1/16	-	11	14
APT-14	14	1 (M)	24 15/16	2	15-3/8	23
APT-20	20	1 (F)	32 3/8	2	15-3/8	34
APT-26	26	1 (F)	39 9/16	2	15-3/8	43
APT-32	32	1 (F)	47 1/4	2	15-3/8	52
APT-45	45	1 1/4 (F)	36 9/16	2-1/2	22	64
APT-65	65	1-1/4 (F)	48 5/8	2-1/2	22	89
APT-85	85	1-1/4 (F)	60-11/16	2-1/2	22	113
APT-86	86	1-1/4 (F)	46	2-1/2	26	116
APT-119	119	1-1/4 (F)	61-5/16	2-1/2	26	161
Horizontal Series			Length			
APTH-7	7.3	3/4 (M)	12-7/8	-	11	16
APTH-14	14	1 (M)	18-1/4	-	15-3/8	26
APTH-20	20	1 (M)	18-1/4	-	15-3/8	36

Note:

M- Male connection

F- Female connection

All models 38 psi pre-charge

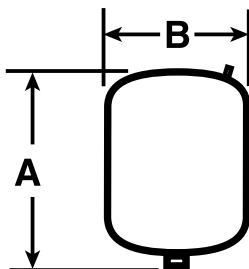
Potable and In-Line Hydronic



When used in
potable applications

- Expansion Tanks - available for hydronic or potable applications
- Drawn steel construction
- Tough butyl rubber parabolic diaphragm
- IAPMO approved
- Max. working pressure
 - 150 psi for potable water expansion tanks
 - 100 psi for hydronic expansion tanks
- 5-year limited warranty on potable AET expansion tanks
- 1-year limited warranty on potable TW Series expansion tanks
- 1-year limited warranty on hydronic expansion tanks

Residential Expansion Tanks



Model Number	Maxium (psig) Working Pressure	Tank Volume (Gallons)	Maximum Accepted Volume (Gallons)		
			20 psi	40 psi	60 psi
Potable Expansion Tanks - 5-Year Limited Warranty					
AET-2	150	1.96	1.53	1.27	1.03
AET-5	150	4.55	3.75	3.05	2.19
AET-10	150	9.25	7.80	6.55	5.25
Potable Expansion Tanks - 1-Year Limited Warranty					
TW-5	150	2.10	1.53	1.27	1.03
TW-12	150	4.40	3.75	3.05	2.19
In-Line Hydronic Expansion Tanks - 1-Year Limited Warranty					
AEH-2	100	1.96	1.53	N/A	N/A
AEH-5	100	4.55	3.75	N/A	N/A
AEH-7	100	7.30	4.60	N/A	N/A

Model Number	Connection NPT Size	Dimensions in Inches		Weight (lbs)
		A Overall Height	B Diameter	
Potable Expansion Tanks - 5-Year Limited Warranty				
AET-2	3/4	10-3/16	8-1/4	5
AET-5	3/4	14-3/4	11	9
AET-10	3/4	15-1/2	15-3/8	18
Potable Expansion Tanks - 1-Year Limited Warranty				
TW-5	3/4	10-3/16	8-1/4	5
TW-12	3/4	14-3/4	11	9
In-Line Hydronic Expansion Tanks - 1-Year Limited Warranty				
AEH-2	1/2	10-3/16	8-1/4	5
AEH-5	1/2	14-3/4	11	8
AEH-7	1/2	21-1/16	11	14

All AET and TW Series models 38 psi pre-charge

All AEH models 12 psi pre-charge

Adapt™ + Premium Condensing with X3® Technology

PROLINE® XE

— BEST —



INDOOR



OUTDOOR

Meets SCAQMD
Rule 1146.2




ANSI Z21.10.3 • CSA 4.3

X3® SCALE PREVENTION TECHNOLOGY (PATENTED DESIGN)

- Integrated into all X3 models; optional accessory for Bypass (M) models and can be added at any time
- No annual descaling required with X3 models
- X3 models maintain like-new performance longer; extends life up to three times versus unprotected unit

INTEGRATED RECIRCULATION PUMP & DISPLAY

- Integrated recirculation pump
- Built-in Control Display to set and review recirc schedules, status, and error codes
- Optional remote activation (Ca. Title 24) kits available

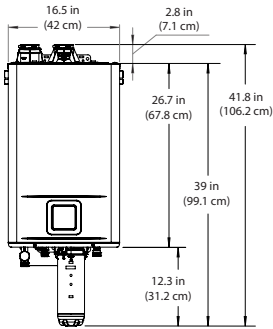
ENERGY STAR® CERTIFIED

ULTIMATE FLEXIBILITY EASE OF INSTALLATION

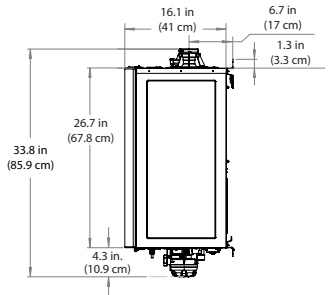
- Universal indoor or outdoor installation;
- Outdoor Vent Cap Kit sold separately
- Field convertible from Natural Gas to Liquid Propane, kit included
- ½" Gas Line or larger
- Exhaust venting, 2" PVC up to 75' (23 m); 3" PVC up to 150' (45.7 m)
- Cat. IV venting may be used
- Flexible venting with PVC, CPVC, Polypropylene, or ABS Pipe (solid core only)
- Pressure relief valve included with X3 models
- Outdoor rated power cord standard on every unit
- Cascade up to 12 units with single cable per heater, cable included
- Approved for installation in manufactured homes

WARRANTY

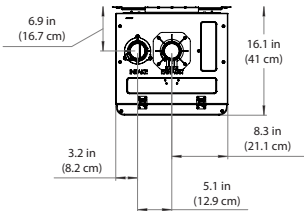
- No hardwater exclusions on X3 models; exclusions apply to M models
- 15-year limited warranty on heat exchanger in residential applications
- 5-year limited warranty on all parts in residential applications
- 1-year limited warranty on heat exchanger and parts in commercial applications
- For complete information, consult written
- For complete information, consult written warranty or go to americanwaterheater.com



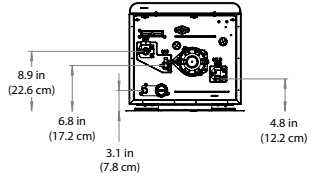
FRONT



SIDE



TOP



BOTTOM

Model Number*	Type	Gas Consumption Input	
		Minimum BTU/H	Maximum BTU/H
X3® Technology Models			
MTHR-160X3	Indoor / Outdoor	9,000	160,000
MTHR-180X3	Indoor / Outdoor	9,000	180,000
MTHR-199X3	Indoor / Outdoor	9,000	199,000
Bypass Models			
MTHR-160M	Indoor / Outdoor	9,000	160,000
MTHR-180M	Indoor / Outdoor	9,000	180,000
MTHR-199M	Indoor / Outdoor	9,000	199,000

Model Number*	Hot Water Output (GPM)			Load Factor	Approx Shipping Weight (lbs)
	Maximum*	45°F Rise	70°F Rise		
X3® Technology Models					
MTHR-160X3	10.5	6.8	4.3	0.33	125
MTHR-180X3	10.5	7.7	4.8	0.33	125
MTHR-199X3	10.5	9.5	5.4	0.33	125
Bypass Models					
MTHR-160M	10.5	6.8	4.3	0.33	125
MTHR-180M	10.5	7.7	4.8	0.33	125
MTHR-199M	10.5	9.5	5.4	0.33	125

*Current numbers based on factory testing; 0.5 GPM required for activation; 0.4 GPM required for continuous fire after initial ignition.

Adapt™ SC Standard Condensing with X3® Technology

PROLINE® XE

— BEST —



INDOOR



OUTDOOR

X3® SCALE PREVENTION TECHNOLOGY (PATENTED DESIGN)

- Integrated into all X3 models; optional accessory for Bypass (M) models and can be added at any time
- No annual descaling required with X3 models
- X3 models maintain like-new performance longer; extends expected life of unit up to three times versus unprotected unit

PERFORMANCE & EFFICIENCY

- 160,000, 180,000, 199,000 BTU/h
- 10,000 BTU/h min. input
- Max Flow Rate 10.5 GPM; 0.4 GPM activation; 0.26 GPM for continuous fire
- 0.95 UEF, ENERGY STAR® certified
- Ultra Low NOx – Complies with SCAQMD Rule 1146.2*

ULTIMATE FLEXIBILITY EASE OF INSTALLATION

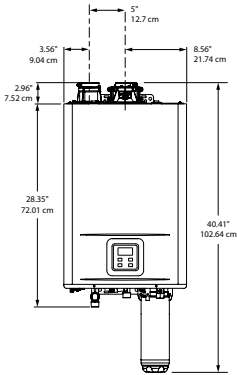
- Universal indoor or outdoor installation;
- Outdoor Vent Cap Kit sold separately
- Exhaust venting, 2" PVC up to 50' (15.3 m); 3" PVC up to 150' (45.7 m)
- Flexible venting with PVC, CPVC, Polypropylene, or ABS Pipe (solid core only)
- Pressure relief valve included with X3 models
- Outdoor rated power cord standard on every unit
- Cascade up to 12 units with single cable per heater, cable included
- Approved for installation in manufactured homes

WARRANTY

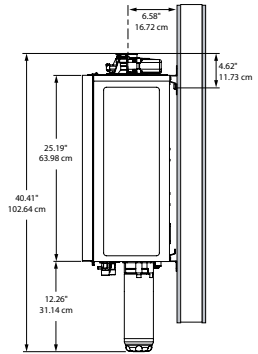
- No hardwater exclusions on X3 models; exclusions apply to M models
- 15-year limited warranty on heat exchanger in residential applications
- 5-year limited warranty on all parts in residential applications
- 1-year limited warranty on heat exchanger and parts in commercial applications



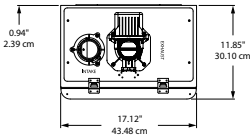
ANSI Z21.10.3 • CSA 4.3



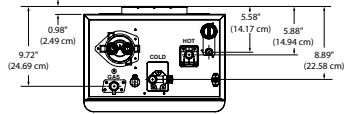
FRONT



SIDE



TOP



BOTTOM

Model Number	Gas Consumption Input		UEF
	Minimum BTU/H	Maximum BTU/H	
X3® Technology Models			
MTM-160X3	10,000	160,000	0.95
MTM-180X3	10,000	180,000	0.95
MTM-199X3	10,000	199,000	0.95
Bypass Models			
MTM-160M	10,000	160,000	0.95
MTM-180M	10,000	180,000	0.95
MTM-199M	10,000	199,000	0.95

Model Number	Dimensions			Approx Shipping Weight (lbs)
	Height	Width	Depth	
X3® Technology Models				
MTM-160X3	40.4"	17.1"	11.9"	93
MTM-180X3	40.4"	17.1"	11.9"	93
MTM-199X3	40.4"	17.1"	11.9"	93
Bypass Models				
MTM-160M	32.5"	17.1"	11.9"	93
MTM-180M	32.5"	17.1"	11.9"	93
MTM-199M	32.5"	17.1"	11.9"	93

*Current numbers based on factory testing; 0.5 GPM required for activation; 0.4 GPM required for continuous fire after initial ignition.

ProLine® XE Condensing High Efficiency

PROLINE® XE

—BEST—



INDOOR



OUTDOOR



Meets SCAQMD
Rule 1146.2



ANSI Z21. 10.3 CSA 4.3

CONDENSING TECHNOLOGY PROVIDES UNIFORM ENERGY FACTORS (UEF) UP TO 0.91

ULTRA-LOW NO_x EMISSIONS

- Complies with SCAQMD Rule 1146.2 NO_x emission requirements of 14 ng/J or 20 PPM

COPPER PRIMARY HEAT EXCHANGER

- 25x better heat transfer than stainless steel thus stabilizing outgoing water temperature quicker and reducing pressure drop across the heat exchanger

SECONDARY HEAT EXCHANGER

- Marine-grade 316L stainless steel to protect against corrosion.

INDOOR MODELS

- Include a built-in temperature controller and advanced diagnostics to simplify troubleshooting
- Factory-installed power cord included

OUTDOOR MODELS

- Include a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting

ELECTRONIC IGNITION—NO PILOT LIGHT

SAFETY FEATURES

- Air-Fuel Ratio (AFR) Sensor
- Exhaust & Water Temperature Safety Control
- Overheat Cut-Off Fuse

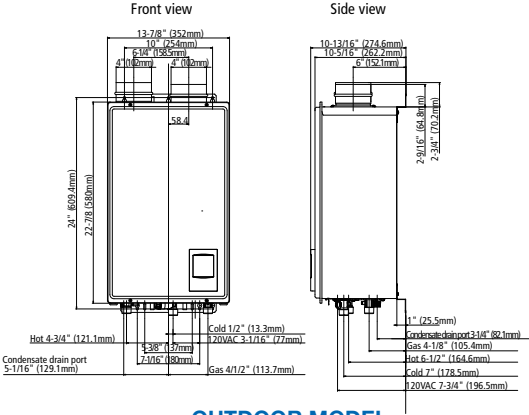
INTERNAL FREEZE PROTECTION SYSTEM

POWER VENT OR POWER DIRECT VENT DESIGN

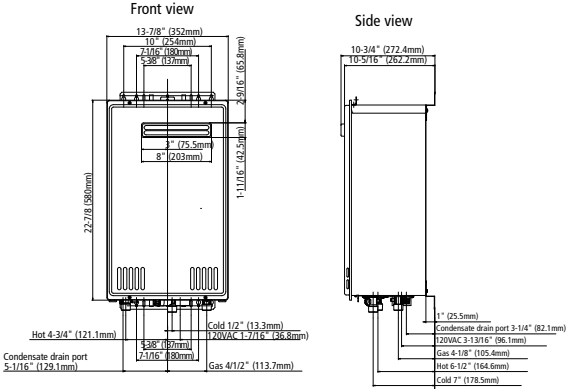
WARRANTY

- 15-year limited warranty on heat exchanger in residential application
- 6-year limited warranty on heat exchanger in commercial applications
- 5-year limited warranty on all parts
- For complete information, consult written warranty or americanwaterheater.com

INDOOR MODEL



OUTDOOR MODEL



Model Number*	Type	Gas Consumption Input		Inlet Gas Pressure**		Indoor Model UEF	Outdoor Model UEF
		Minimum (BTU/H)	Maximum (BTU/H)	Minimum (in. W.C.)	Maximum (in. W.C.)		
GT-140-NIH	Natural	15,000	120,000	4.0	10.5	0.90	0.91

Model Number*	Connections		Sizing Chart (Number of Showers)		Clearances (in.)				Approx Shipping Weight (lbs)
	Water	Gas	Cold Climate†	Warm Climate‡	Top	Bottom	Side	Front	
GT-140-NIH	3/4" NPT	1/2" NPT	1.5	2.5	12	12	3	4	49

**For propane models, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.

† Cold climate represents 70°F temperature rise.

‡ Warm climate represents 50°F temperature rise.

ProLine® XE Condensing High Efficiency

PROLINE® XE

—BEST—



INDOOR



OUTDOOR



ANSI Z21. 10.3 CSA 4.3

*Select models

ENERGY STAR® CERTIFIED*

CONDENSING TECHNOLOGY PROVIDES UNIFORM ENERGY FACTORS UP TO 0.95

ULTRA-LOW NOX EMISSIONS

- Complies with SCAQMD Rule 1146.2 NOx Emission Requirements of 14 ng/J or 20 PPM

MAXIMUM FLOW RATES UP TO 10.0 GPM

HEAT EXCHANGER

- Primary heat exchanger of GT-540 is constructed of a commercial-grade copper that is more resilient to erosion. Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperature quicker and reducing pressure drop across the heat exchanger.
- Secondary heat exchanger is made of marine-grade 316L stainless steel to protect against corrosion

INDOOR MODELS

- Include integrated temperature controls and advanced diagnostics to simplify troubleshooting
- Include factory-installed power cords

OUTDOOR MODELS

- Include a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting

COMMON VENT INDOOR MODELS UP TO 8 UNITS

GT-540 CAN BE USED IN BOTH RESIDENTIAL AND COMMERCIAL APPLICATIONS

- Easy-Link up to 4 heaters
- Multi-Link up to 20 heaters

SAFETY FEATURES

- Air-Fuel Ratio (AFR) Sensor
- Exhaust & Water Temperature Safety Control
- Overheat Cut-off Fuse

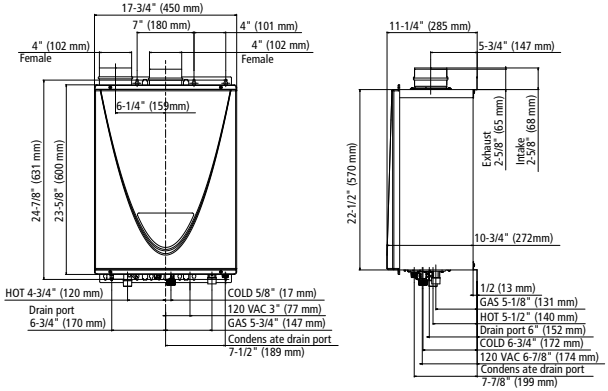
INTERNAL FREEZE PROTECTION SYSTEM

POWER VENT OR POWER DIRECT VENT DESIGN

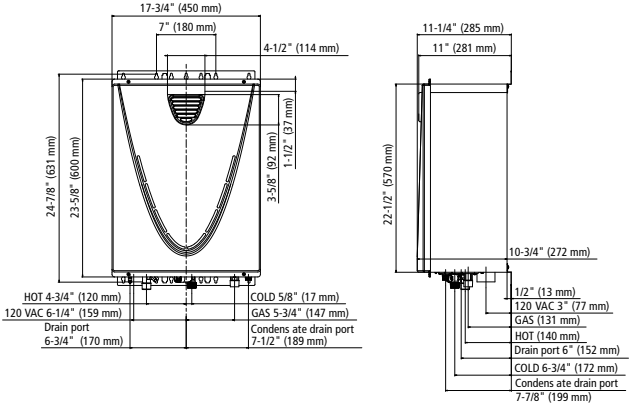
WARRANTY

- 15-year limited warranty on heat exchanger in residential application
- 6-year limited warranty on heat exchanger in commercial applications
- 5-year limited warranty on all parts
- For complete information, consult written warranty or americanwaterheater.com

INDOOR MODEL



OUTDOOR MODEL



Model Number*	Type	Gas Consumption Input		Inlet Gas Pressure***		Indoor Model UEF	Outdoor Model UEF
		Minimum** (BTU/H)	Maximum (BTU/H)	Minimum (in. W.C.)	Maximum (in. W.C.)		
GT-240H-NIH	Natural	15,000	160,000	4.0	10.5	0.94	0.95+
GT-340H-NIH	Natural	15,000	180,000	4.0	10.5	0.95+	0.94
GT-540H-NIH	Natural	15,000	199,000	4.0	10.5	0.93	0.95+

Model Number*	Connections		Sizing Chart (Number of Showers)		Clearances (in.)				Approx Shipping Weight (lbs)
	Water	Gas	Cold Climate†	Warm Climate‡	Top	Bottom	Side	Front	
GT-240H-NIH	3/4" NPT	3/4" NPT	2.5	3.5	12	12	3	4	71
GT-340H-NIH	3/4" NPT	3/4" NPT	2.5	4	12	12	3	4	71
GT-540H-NIH	3/4" NPT	3/4" NPT	3	4.5	12	12	3	4	71

**For propane models, minimum is 13,000.

***For propane models, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.

† Cold climate represents 70°F temperature rise.

‡ Warm climate represents 50°F temperature rise.

+ ENERGY STAR® Qualified

ProLine® XE Non-Condensing Concentric Vent

PROLINE® XE

—BEST—



Meets SCAQMD
Rule 1146.2



ANSI Z21.10.3



(510c model only)

CONCENTRIC VENT DESIGN

- Power direct vent
- Vertical or horizontal venting up to 43'

FIELD CONVERTIBLE FROM NATURAL GAS TO PROPANE

ULTRA-LOW NOX EMISSIONS

- Complies with SCAQMD Rule 1146.2 NOx emission requirements of 14 ng/J or 20 PPM

MAXIMUM FLOW RATES UP TO 10.0 GPM

PRIMARY HEAT EXCHANGER

- Primary heat exchanger of the GT-510C is constructed of a commercial-grade copper that is more resilient to erosion. Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperatures quicker and reducing pressure drop across the heat exchanger.

INDOOR MODELS

- Include a built-in temperature controller and advanced diagnostics to simplify troubleshooting
- Include factory-installed power cords

GTS-510C CAN BE USED IN BOTH RESIDENTIAL AND COMMERCIAL APPLICATIONS

- Easy-Link up to 4 units
- Multi-Link up to 20 units

ELECTRONIC IGNITION - NO PILOT LIGHT

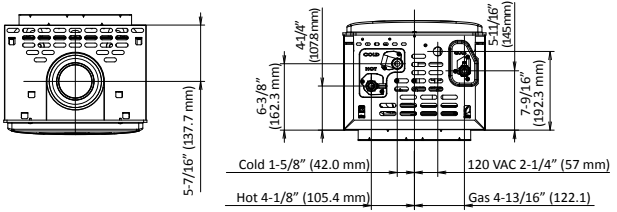
SAFETY FEATURES

- Air-Fuel Ratio (AFR) Sensor
- Exhaust & Water Temperature Safety Control
- Overheat Cut-Off Fuse

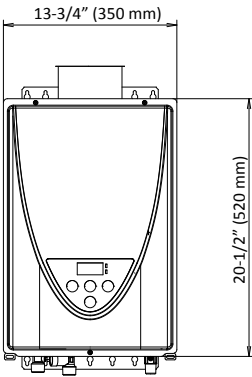
INTERNAL FREEZE PROTECTION SYSTEM

WARRANTY

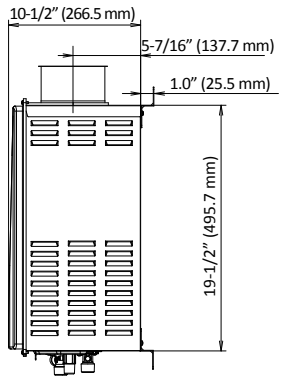
- 15-year limited warranty on heat exchanger in residential applications
- 6-year limited warranty on heat exchanger in commercial applications
- 5-year limited warranty on all parts
- For complete information, consult written warranty or americanwaterheater.com



Top view



Front view



Side view

Model Number*	Gas Consumption Input		Inlet Gas Pressure**		UEF	Connections	
	Minimum (BTU/H)	Maximum (BTU/H)	Minimum (in. W.C.)	Maximum (in. W.C.)		Water	Gas
GT-310C-NI	15,000	190,000	4.0	10.5	0.81	3/4" NPT	3/4" NPT
GT-510C-NI	15,000	199,000	4.0	10.5	0.81	3/4" NPT	3/4" NPT

Model Number*	Sizing Chart (Number of Showers)		Clearances (in.)				Approx Shipping Weight (lbs)
	Cold Climate†	Warm Climate‡	Top	Bottom	Side	Front	
GT-310C-NI	2.5	3.5	12	12	3	4	50
GT-510C-NI	2.5	3.5	12	12	3	4	50

*Indoor models only. Units are field convertible from natural gas to propane with supplied conversion kit.

**When converted for propane, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.

† Cold climate represents 70°F temperature rise

‡ Warm climate represents 50°F temperature rise

ProLine® XE Non-Condensing Ultra-Low NOx

PROLINE® XE

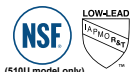
— BEST —



INDOOR



OUTDOOR



(510U model only)



ANSI Z21. 10.3

ULTRA-LOW NO_x EMISSIONS

- Complies with SCAQMD rule 1146.2 NO_x emission requirements of 14 ng/J or 20 PPM

FIELD CONVERTIBLE FROM NATURAL GAS TO PROPANE

MAXIMUM FLOW RATES UP TO 10.0 GPM

COPPER PRIMARY HEAT EXCHANGER

- Primary heat exchange of the GT-510U is constructed of a commercial-grade copper that is more resilient to erosion. Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperatures quicker and reducing pressure drop across the heat exchanger indoor and outdoor models available.

INDOOR MODELS

- Include integrated temperature controls and advanced diagnostics to simplify troubleshooting
- Include factory-installed power cords

OUTDOOR MODELS

- Include a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting

GT-510U CAN BE USED IN BOTH RESIDENTIAL AND COMMERCIAL APPLICATIONS

- Easy-Link Up To 4 Units
- Multi-Link Up to 20 Units

SAFETY FEATURES

- Air-fuel ratio (AFR) Sensor
- Exhaust & Water Temperature Safety Control
- Overheat cut-off fuse

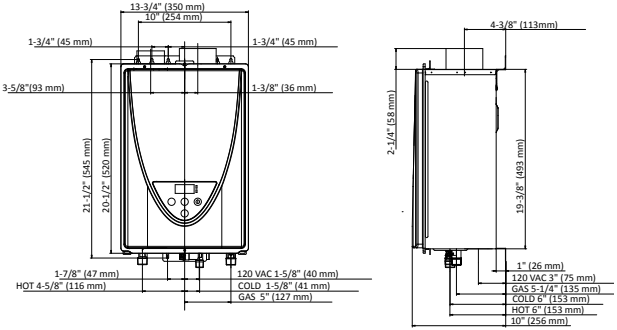
INTERNAL FREEZE PROTECTION

POWER VENT OR POWER DIRECT VENT DESIGN

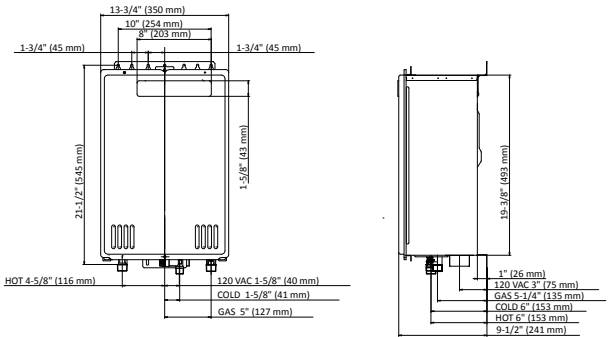
WARRANTY

- 15-year limited warranty on heat exchanger in residential applications
- 6-year limited warranty on heat exchanger in commercial applications
- 5-year limited warranty on all parts
- For complete information, consult written warranty or americanwaterheater.com

INDOOR MODEL



OUTDOOR MODEL



Model Number*	Type**	Gas Consumption Input		Inlet Gas Pressure**		Indoor Model UEF	Outdoor Model UEF
		Minimum (BTU/H)	Maximum (BTU/H)	Minimum (in. W.C.)	Maximum (in. W.C.)		
GT-110U-I-200	Natural	15,000	140,000	4.0	10.5	0.81	0.81
GT-310U-I-200	Natural	15,000	190,000	4.0	10.5	0.81	0.81
GT-510U-I-200	Natural	15,000	199,000	4.0	10.5	0.81	0.81

Model Number*	Connections		Sizing Chart (Number of Showers)		Clearances (in.)				Approx Shipping Weight (lbs)
	Water	Gas	Cold Climate†	Warm Climate‡	Top	Bottom	Side	Front	
GT-110U-I-200	3/4" NPT	3/4" NPT	1.5	2.5	12	12	3	4	34
GT-310U-I-200	3/4" NPT	3/4" NPT	2.5	3.5	12	12	3	4	34
GT-510U-I-200	3/4" NPT	3/4" NPT	2.5	3.5	12	12	3	4	35

**Units are field convertible from natural gas to propane with supplied conversion kit. When converted for propane, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.

† Cold climate represents 70°F temperature rise

‡ Warm climate represents 50°F temperature rise

Tankless Commercial Rack System



WALL MOUNT

MULTIPLE DESIGN AND INSTALLATION CONFIGURATIONS

- Wall mount, free standing in-line, and free standing back-to-back designs
- Indoor and outdoor rack designs
- Uses the 540H high efficiency condensing tankless heaters

EXPANDABLE

- Up to 1,194,000 BTU on a single rack system
- Able to link up to 20 heaters together with Multi-Link system

REDUNDANCY

- Multiple combustion systems provide piece of mind
- Easily isolate a unit for maintenance which extends the life of the heaters

LIGHTWEIGHT

- Anodized aluminum frame
- Utilizes the industry's lightest 199,000 BTU high efficiency condensing tankless heater

EASY FIELD INSTALLATION

- Reduce installation costs with three simple connections (cold water, hot water, and gas)
- Ultra-Low NOx Emissions
- Complies with SCAQMD Rule 1146.2 NOx emission requirements of 14 ng/J or 20 PPM

WARRANTY

- 6-year limited warranty on heat exchanger
- 5-year limited warranty on tankless parts
- 1-year limited warranty on rack parts
- For complete information, consult written warranty or americanwaterheater.com



FREE-STANDING



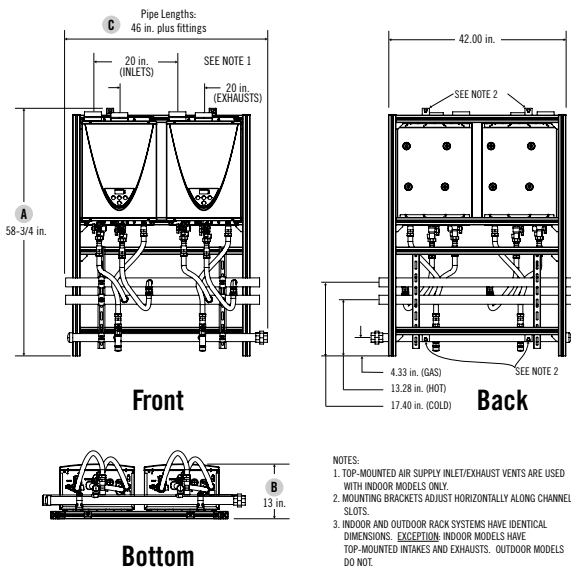
BACK-TO-BACK

Model Number	Number of Heaters	Btuh Input		Max Flow (GPM)		
		Min	Max	@ 50°F Rise	@ 70°F Rise	@ 100°F Rise
Wall Mount						
MCI-CRS-22WM-N	2	15,000	398,000	15.2	10.8	7.6
MCI-CRS-22WM-P	2	13,000	398,000	15.2	10.8	7.6
MCI-CRS-23WM-N	2	15,000	398,000	15.2	10.8	7.6
MCI-CRS-23WM-P	2	13,000	398,000	15.2	10.8	7.6
MCI-CRS-33WM-N	3	15,000	597,000	22.8	16.2	11.4
MCI-CRS-33WM-P	3	13,000	597,000	22.8	16.2	11.4
MCI-CRS-44WM-N	4	15,000	796,000	30.4	21.6	15.2
MCI-CRS-44MWM-P	4	15,000	796,000	30.4	21.6	15.2
Freestanding						
MCI-CRS-24IL-N	2	15,000	398,000	15.2	10.8	7.6
MCI-CRS-24IL-P	2	13,000	398,000	15.2	10.8	7.6
MCI-CRS-26IL-N	2	15,000	398,000	15.2	10.8	7.6
MCI-CRS-26IL-P	2	13,000	398,000	15.2	10.8	7.6
MCI-CRS-36IL-N	3	15,000	597,000	22.8	16.2	11.4
MCI-CRS-36IL-P	3	13,000	597,000	22.8	16.2	11.4
Back-to-Back						
MCI-CRS-24B2B-N	2	15,000	398,000	15.2	10.8	7.6
MCI-CRS-24B2B-P	2	13,000	398,000	15.2	10.8	7.6
MCI-CRS-34B2B-N	3	15,000	597,000	22.8	16.2	11.4
MCI-CRS-34B2B-P	3	13,000	597,000	22.8	16.2	11.4
MCI-CRS-36B2B-N	3	15,000	597,000	22.8	16.2	11.4
MCI-CRS-36B2B-P	3	13,000	597,000	22.8	16.2	11.4
MCI-CRS-44B2B-N	4	15,000	796,000	30.4	21.6	15.2
MCI-CRS-44B2B-P	4	13,000	796,000	30.4	21.6	15.2
MCI-CRS-46B2B-N	4	15,000	796,000	30.4	21.6	15.2
MCI-CRS-46B2B-P	4	13,000	796,000	30.4	21.6	15.2
MCI-CRS-56B2B-N	5	15,000	995,000	38	27	19
MCI-CRS-56B2B-P	5	13,000	995,000	38	27	19
MCI-CRS-66B2B-N	6	15,000	1,194,000	45.6	32.4	22.8
MCI-CRS-66B2B-P	6	13,000	1,194,000	45.6	32.4	22.8

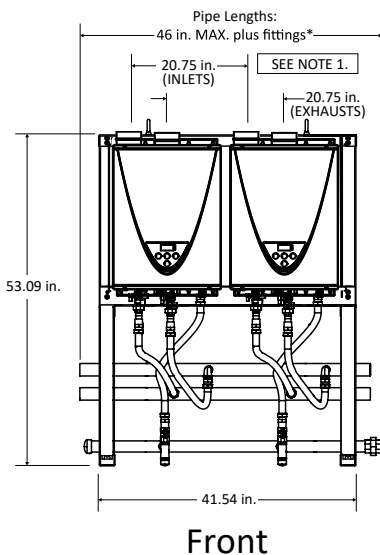
*For outdoor models, change MCI to MCO

Tankless Commercial Rack System *(continued)*

WALL MOUNT

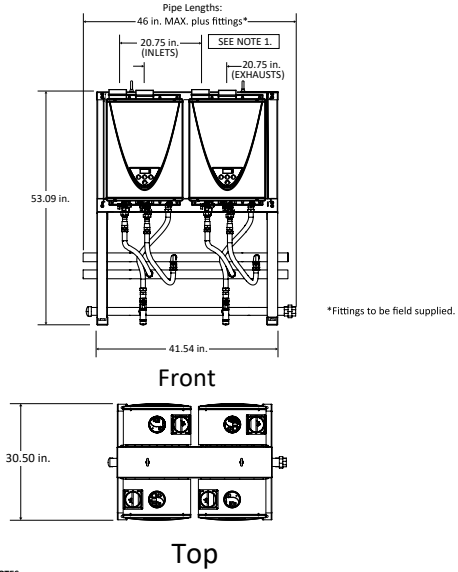


FREE-STANDING



*Fittings to be field supplied.

BACK-TO-BACK



- NOTES:
1. TOP-MOUNTED AIR SUPPLY INLET/EXHAUST VENT ARE USED WITH INDOOR MODELS ONLY.
 2. INDOOR AND OUTDOOR RACK SYSTEMS HAVE IDENTICAL DIMENSIONS. EXCEPTION: INDOOR MODELS HAVE TOP-MOUNTED INTAKES AND EXHAUSTS. OUTDOOR MODELS DO NOT.

Model Number	Dimensions (in)			Approx Shipping Weight (lbs)
	A Length	B Width	C Height	
Wall Mount				
MCI-CRS-22WM-N	46	13.02	57	240
MCI-CRS-22WM-P	46	13.02	57	240
MCI-CRS-23WM-N	66	13.02	57	250
MCI-CRS-23WM-P	66	13.02	57	250
MCI-CRS-33WM-N	66	13.02	57	350
MCI-CRS-33WM-P	66	13.02	57	350
MCI-CRS-44WM-N	87.54	13.02	57	550
MCI-CRS-44WM-P	87.54	13.02	57	550
Freestanding				
MCI-CRS-24IL-N	46	20	53.09	330
MCI-CRS-24IL-P	46	20	53.09	330
MCI-CRS-26IL-N	66	20	53.09	396
MCI-CRS-26IL-P	66	20	53.09	396
MCI-CRS-36IL-N	66	20	53.09	448
MCI-CRS-36IL-P	66	20	53.09	448
Back-to-Back				
MCI-CRS-24B2B-N	46	30.5	53.09	330
MCI-CRS-24B2B-P	46	30.5	53.09	330
MCI-CRS-34B2B-N	46	30.5	53.09	404
MCI-CRS-34B2B-P	46	30.5	53.09	404
MCI-CRS-36B2B-N	66	30.5	53.09	447
MCI-CRS-36B2B-P	66	30.5	53.09	447
MCI-CRS-44B2B-N	46	30.5	53.09	481
MCI-CRS-44B2B-P	46	30.5	53.09	481
MCI-CRS-46B2B-N	66	30.5	53.09	519
MCI-CRS-46B2B-P	66	30.5	53.09	519
MCI-CRS-56B2B-N	66	30.5	53.09	597
MCI-CRS-56B2B-P	66	30.5	53.09	597
MCI-CRS-66B2B-N	66	30.5	53.09	674
MCI-CRS-66B2B-P	66	30.5	53.09	674

*For outdoor models, change MCI to MCO

PROLINE® XE

—BEST—



EASY INSTALLATION

- Compact size perfect for point-of-use applications close to fixtures
- Mounts easily to the wall
- No venting required
- ½" NPT water connection
- No T&P valve required (check local codes)

ONBOARD SELF-DIAGNOSTICS & TROUBLESHOOTING

- Onboard self-diagnostics to monitor performance and protect the unit
- Bright LED display for status updates and making system selections and adjustments
- Error codes for troubleshooting and faster resolution

HIGHLY EFFICIENT & RELIABLE THERMOSTATIC DESIGN

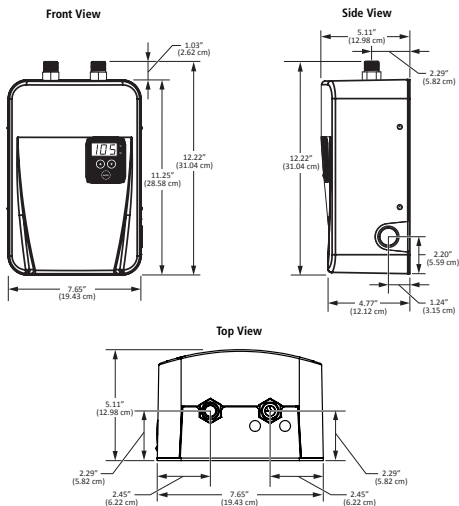
- On-demand water heater capable of supplying endless hot water when appropriately sized
- Ultra-low activation of 0.17 GPM min.
- Energy efficiency 0.91 UEF or higher
- Dry-Fire protection to prevent premature element failures
- Secondary temperature regulation to limit hot water output appropriate for use with hand or eye washing applications
- Pre-Heat mode, 100°F chamber temperature
- Scale detection (patent pending) and easy maintenance for extended service life of the heater

CONSTRUCTION

- Housing – Bayblend® FR3010 plastic, dark gray
- Chamber Material – Entec Nylon, glassfilled
- Sheathed copper elements for longer life

WARRANTY

- 5-Year limited warranty on chambers
- 1-Year limited warranty on all parts
- For complete information, consult written warranty or americanwaterheater.com



Model Number	Total Input Wattage (kW)	Voltage (V)	Total Current Draw (Amps)
UPVM-35K	3.50	120	29.17
UPVM-90E	9.00	240+	37.50
UPVM-110E	11.00	240+	45.83

Model Number	Recommended U.S. Circuit Breaker Size (Amps)	Conductor Size (AWG)	Activation GPM
UPVM-35K	30	10	0.17
UPVM-90E	40	8	0.17
UPVM-110E	50	8	0.17

Copper conductors only. All wiring/conductors must be rated for 90°C or greater.

+ This model may be connected to a 208 VAC supply with reduced power output.

Connection to 208 VAC may require different breaker and/or wire size than shown in the table.

NOTICE: Incoming line voltage variations may result in nuisance breaker trips. Contact Technical Support if there are multiple breaker trips when the recommended breaker size is in use.



AiQ™ ADAPTIVE GAS CONTROL

- Smart combustion system includes gas valve with servo motor and electronic controller
- Improves combustion and light off
- Adjusts to fuel qualities or abnormalities

INTELLIGENT CONTROL SYSTEM WITH 7" COLOR TOUCH DISPLAY AND iCOMM CONNECTIVITY

- Exclusive American engineered color touch display system
- Provides detailed water heater status information
- Precise Temperature control adjustable from 90 to 180 degrees
- Built-in diagnostics and run history
- Capable of receiving over-the-air software updates
- Integrated iCOMM remote connectivity via the iCOMM app.
- Intelligent Demand Response (IDR) feature senses large water draws and automatically adjusts the differential setpoint. This feature increases the hot water available when it is needed most.

SUBMERGED COMBUSTION CHAMBER, WITH HELICAL HEAT EXCHANGER COIL

- Positioned in center of tank, surrounded by water to virtually eliminate radiant heat loss from chamber
- Direct spark ignition
- Spiral heat exchanger keeps hot burner gases swirling, uses centrifugal force to maximize efficiency of heat transfer to water in tank
- Spiral heat exchanger reduces lime scale from forming on water-side surfaces, which maintains energy efficiency over time

HIGH EFFICIENCY MODULATING PREMIX POWERED BURNER

- Down-fired pre-mix burner provides optimum efficiency and quiet operation
- Top-mounted burner position prevents condensation from affecting burner operation

3-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com

Model Number	Gallon Capacity	Recovery Capacity	Input BTU/HR
(A)HCG3-60T100-3N	60	115	100,000
(A)HCG3-60T120-3N	60	138	120,000
(A)HCG3-60T145-3N	60	165	145,000
(A)HCG3-100T150-3N	100	178	150,000
(A)HCG3-100T199-3N	100	235	199,900
(A)HCG3-100T250-3N	100	291	250,000
(A)HCG3-119T251-4N	119	289	251,000
(A)HCG3-119T300-4N	119	349	300,000
(A)HCG3-119T400-4N	119	460	399,000
(A)HCG3-119T500-4N	119	576	499,000

Model Number	Approx. Shipping Weight (lbs) Std	Approx. Shipping Weight (lbs) ASME
(A)HCG3-60T100-3N	460	490
(A)HCG3-60T120-3N	460	490
(A)HCG3-60T145-3N	460	490
(A)HCG3-100T150-3N	523	553
(A)HCG3-100T199-3N	523	553
(A)HCG3-100T250-3N	523	553
(A)HCG3-119T251-4N	855	855
(A)HCG3-119T300-4N	855	855
(A)HCG3-119T400-4N	855	855
(A)HCG3-119T500-4N	855	855

"A" in the model number represents ASME construction.

Concentric vent kit for (A)HCG3-60T100 through (A)HCG3-100T250 models (part number 100111100).

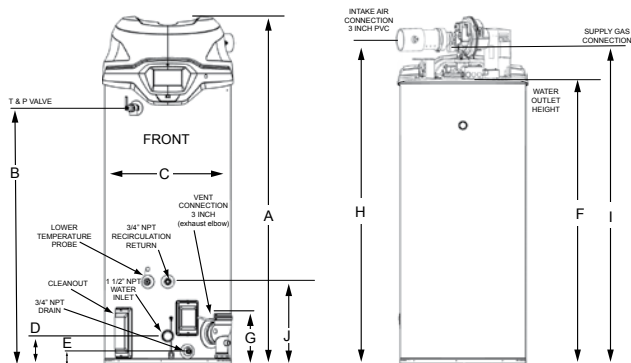
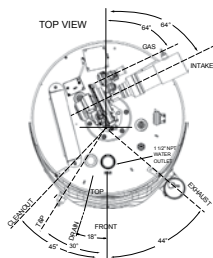
Concentric vent kit for (A)HCG3-199T251 through (A)HCG3-199T500 models (part number 100113124).

Optional Condensate Neutralization Kits available.

Electrical characteristics- 120V-60 Hz A.C., 5.0A.

Models are certified from sea level to 10,100 ft. elevation.

Line drawings and dimensions on the following page.



Model Number	Dimensions in Inches				
	A	B	C	D	E
(A)HCG3-60T100-3N	55-1/2	35	27 3/4,	6-5/16	3
(A)HCG3-60T120-3N	3	27.75	6.3	35	53.5
(A)HCG3-60T145-3N	55-1/2	35	27 3/4,	6-5/16	3
(A)HCG3-100T150-3N	76-1/2	56-3/8	27/34	6-5/16	3
(A)HCG3-100T199-3N	76-1/2	56-3/8	27/34	6-5/16	3
(A)HCG3-100T250-3N	76-1/2	56-3/8	27/34	6-5/16	3

Model Number	Dimensions in Inches				
	F	G	H	I	J
(A)HCG3-60T100-3N	42-1/4	11-1/4	48-1/2	53-1/2	18-1/4
(A)HCG3-60T120-3N	55.5	11.25	42.25	48.5	18.25
(A)HCG3-60T145-3N	42-1/4	11-1/4	48-1/2	53-1/2	18-1/4
(A)HCG3-100T150-3N	64	11-1/4	70	75-1/2	18-1/4
(A)HCG3-100T199-3N	64	11-1/4	70	75-1/2	18-1/4
(A)HCG3-100T250-3N	64	11-1/4	70	75-1/2	18-1/4

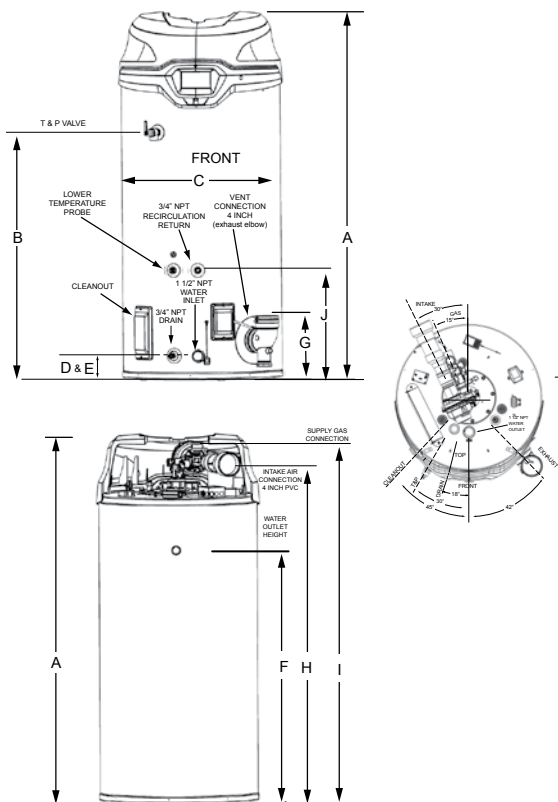
"A" in the model number represents ASME construction. (Example: AHCG3-60T120-3N).
Concentric vent kit for (A)HCG3-60T100 through (A)HCG3-100T250 models (part number 100111100).

Concentric vent kit for (A)HCG3-199T251 through (A)HCG3-199T500 models (part number 100113124).

Optional Condensate Neutralization Kits available.

Electrical characteristics- 120V-60 Hz A.C., 5.0A.

Models are certified from sea level to 10,100 ft. elevation.



Model Number	Dimensions in Inches				
	A	B	C	D	E
(A)HCG3-119T251-4N	75-3/4	52	33-1/8	4-3/4	4-3/4
(A)HCG3-119T300-4N	75-3/4	52	33-1/8	4-3/4	4-3/4
(A)HCG3-119T400-4N	75-3/4	52	33-1/8	4-3/4	4-3/4
(A)HCG3-119T500-4N	75-3/4	52	33-1/8	4-3/4	4-3/4

Model Number	Dimensions in Inches				
	F	G	H	I	J
(A)HCG3-119T251-4N	63-1/8	12-3/4	69-1/4	74-1/2	23
(A)HCG3-119T300-4N	63-1/8	12-3/4	69-1/4	74-1/2	23
(A)HCG3-119T400-4N	63-1/8	12-3/4	69-1/4	74-1/2	23
(A)HCG3-119T500-4N	63-1/8	12-3/4	69-1/4	74-1/2	23

"A" in the model number represents ASME construction. (Example: AHCG3-60T120-3N). Concentric vent kit for (A)HCG3-60T100 through (A)HCG3-100T250 models (part number 100111100).

Concentric vent kit for (A)HCG3-199T251 through (A)HCG3-199T500 models (part number 100113124).

Optional Condensate Neutralization Kits available.

Electrical characteristics- 120V-60 Hz A.C., 5.0A.

Models are certified from sea level to 10,100 ft. elevation.

Polaris® High-Efficiency



CONDENSING DESIGN

- Operates at up to 96% thermal efficiency which saves money on operating costs compared to a standard 80% efficient gas water heater
- Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water

STAINLESS STEEL CONSTRUCTION

- Tank and helical heat exchanger are constructed from 444 stainless steel for excellent corrosion resistance without the need for an anode

WHISPER QUIET OPERATION

- Ultra-quiet blower and burner minimize noise

POWER DIRECT VENT DESIGN

- Direct vent using PVC, CPVC or ABS either thru-the-wall or thru-the-roof

OPTIONAL CONCENTRIC VENT KIT

ADVANCED ELECTRONIC CONTROL

- Large LCD display provides precise temperature control and advanced diagnostics

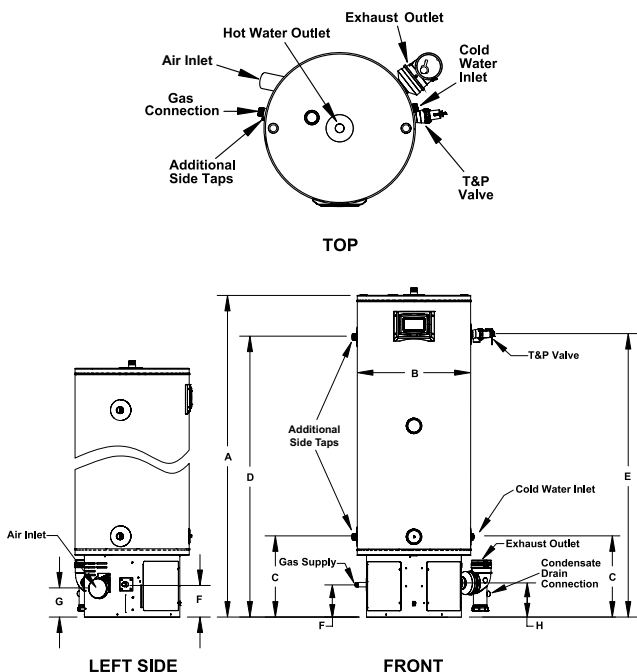
CODE COMPLIANCE

- 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.

3-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com





Model Number	Gallon Capacity	BTU/h Input Gallon Per Hour	Thermal Efficiency	Recovery @ 100°F Rise Gallon Per Hour	Approx. Shipping Weight (lbs)
PGC3 34 130 2NV	34	130,000	96%	149	150
PGC3 34 150 2NV	34	150,000	94%	171	150
PGC3 50 130 2NV	50	130,000	95%	149	176
PGC3 50 150 2NV	50	150,000	94%	149	180
PGC3 50 175 3NV	50	175,000	96%	200	180
PGC3 50 199 3NV	50	199,000	96%	227	180

Model Number	Dimensions in Inches		Vent Connection	1" Water Connections		T&P	Gas Supply*
	A	B		C	D		
PGC3 34 130 2NV	48-1/2	22	2 or 3	15-3/4	40-1/2	41	6-3/8
PGC3 34 150 2NV	48-1/2	22	2 or 3	15-3/4	40-1/2	41	6-3/8
PGC3 50 130 2NV	62-3/8	22	2 or 3	15-3/4	54-1/2	55	6-3/8
PGC3 50 150 2NV	63-3/4	22	2 or 3	15-3/4	55-3/4	56-1/4	6-3/8
PGC3 50 175 3NV	63-3/4	22	3	15-3/4	55-3/4	56-1/4	6-3/8
PGC3 50 199 3NV	63-3/4	22	3	15-3/4	55-3/4	56-1/4	6-3/8

For Propane (LP) gas change "NV" to "PV"
Models certified for sea level to 7,700 ft. elevation.

Heavy-Duty BCG3 Series



THE ELIMINATOR™ SELF-CLEANING SYSTEM

- Designed to significantly reduce or eliminate sediment build-up inside the tank
- Reduced sediment build-up maintains rated thermal efficiency and reduces water heating costs
- Self-cleaning system maximizes tank life

FACTORY-INSTALLED DRAFT DIVERTER AND AUTOMATIC FLUE DAMPER (MODELS BCG370T120-5N THRU BCG3-100T390-8N)

- Low-profile draft diverter helps for installation in tight spaces
- Automatic motorized flue damper helps minimize standby heat loss
- BCG3-86T500-8N features induced draft design and no damper

THREE WATER CONNECTION OPTIONS FOR ADDED FLEXIBILITY

- Hot and cold water connections can be made through front, top or rear of unit
- Eliminator system operates when cold water is connected through the front

3-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



Model Number	Gallon Capacity	BTU Input Natural Gas	GPH Recovery @ 100°F Rise	Approx. Shipping Weight (lbs)	Approx. Shipping Weight (lbs) ASME
BCG3-70T120-5N *	71	120,000	116	400	-
BCG3-80T150-6N	81	154,000	149	470	-
BCG3-80T180-6N	81	180,000	175	470	-
BCG3-80T199-6N	81	199,000	193	470	-
BCG3-100T199-6N	100	199,000	193	603	-
(A)BCG3-100T200-6N	100	199,000	193	630	725
(A)BCG3-100T250-8NΔ	100	250,000	242	630	725
(A)BCG3-65T250-8NΔ	65	251,000	243	750	862
(A)BCG3-100T275-8NΔ	100	275,000	267	630	725
(A)BCG3-65T300-8N	65	305,000	296	750	862
(A)BCG3-85T360-8N	85	365,000	354	725	833
(A)BCG3-100T390-8N	100	390,000	378	760	874
(A)BCG3-85T500-8N	85	500,000	485	745	857

For propane (LP) gas models, change "N" to "P" in the suffix of the model number.

*BCG3-70T120-5N is shipped with 6" x 5" flue outlet damper.

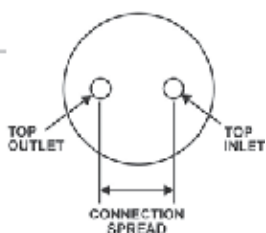
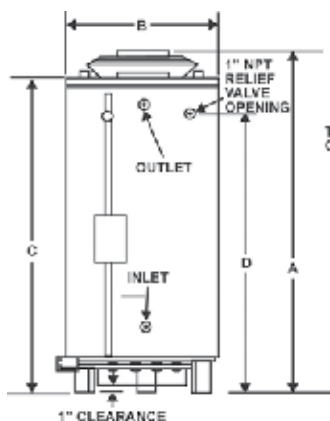
Δ 6" x 8" vent reducer is provided with each unit. Certified for both 6" or 8" venting.

Standard models certified from sea level to 2,000 ft. elevation. Specify high altitude when ordering for use in high elevations.

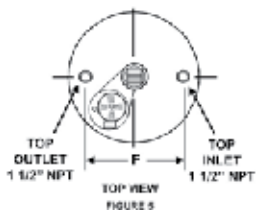
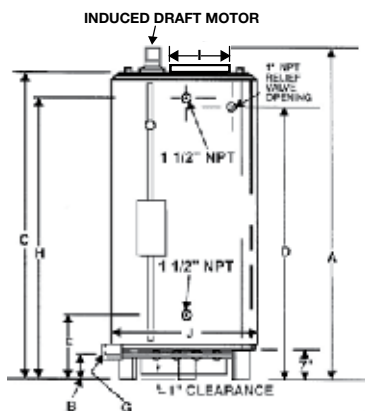
BCG3-85T500-8N features induced draft design and no damper.

Heavy-Duty BCG3 Series

(continued)



Models 70T120 thru 85T390



Model 85T500

Model Number	Dimensions in Inches				
	A	B	C	D	E
BCG3-70T120-5N *	69-3/4	4-1/4	59-1/2	50-7/8	19-11/16
BCG3-80T150-6N	67-1/2	4-1/2	62	53-5/8	20-1/2
BCG3-80T180-6N	67-1/2	4-1/2	62	53-5/8	20-1/2
BCG3-80T199-6N	67-1/2	4-1/2	62	53-5/8	20-1/2
BCG3-100T199-6N	75	4-1/2	70	61-5/8	20-1/2
(A)BCG3-100T200-6N	72	4-1/2	70	61-5/8	20-1/2
(A)BCG3-100T250-8NΔ	72	4-1/2	65-1/8	55-7/8	19-3/4
(A)BCG3-65T250-8NΔ	75	4-1/2	65-3/4	57-1/4	20
(A)BCG3-100T275-8NΔ	72	4-1/2	65-1/8	55-7/8	19-3/4
(A)BCG3-65T300-8N	75	4-1/2	65-3/4	57-1/4	20
(A)BCG3-85T360-8N	79-1/2	4-1/2	70-1/4	62-1/2	22-1/2
(A)BCG3-100T390-8N	75-1/2	4-1/2	67-1/2	58-1/4	26-3/4
(A)BCG3-85T500-8N	81-1/2	17-1/2	77-1/4	67-1/2	27-1/6

Model Number	Dimensions in Inches				
	F	G	H	I	J
BCG3-70T120-5N *	19	1/2	51-7/8	6	27-3/4
BCG3-80T150-6N	21	1/2	54-5/8	6	27-3/4
BCG3-80T180-6N	21	1/2	54-5/8	6	27-3/4
BCG3-80T199-6N	21	1/2	62-5/8	6	27-3/4
BCG3-100T199-6N	21	1/2	61-1/2	6	27-3/4
(A)BCG3-100T200-6N	21	1/2	54-5/8	6	30-1/4
(A)BCG3-100T250-8NΔ	23	1/2	56-3/8	8	30-1/4
(A)BCG3-65T250-8NΔ	N/A	1/2	56-3/8	8	27-3/4
(A)BCG3-100T275-8NΔ	23	1/2	58-3/4	8	30-1/4
(A)BCG3-65T300-8N	N/A	1/2	58-3/4	8	27-3/4
(A)BCG3-85T360-8N	23	3/4	63	8	27-3/4
(A)BCG3-100T390-8N	23	3/4	59	8	30-1/4
(A)BCG3-85T500-8N	21	1	67-1/2	8	27-3/4

For propane (LP) gas models, change "N" to "P" in the suffix of the model number.

Example: (BCG3-70T120-5P).

Low-NOx available on natural gas models only.

*BCG3-70T120-5N is shipped with 6" x 5" flue outlet damper.

Δ 6" x 8" vent reducer is provided with each unit. Certified for both 6" or 8" venting.

Standard models certified from sea level to 2,000 ft. elevation. Specify high altitude when ordering for use in high elevations.

BCG3-85T500-8N features induced draft design and no damper.

Ultra-Low NOx BCL Series Heavy Duty



80% THERMAL EFFICIENCY MEANS LOWER OPERATING COSTS

FAN ASSISTED COMBUSTION

- The blower is built into the low NOx burner assembly
- Complies with California SCAQMD Rule 1146.2 and other Air Quality Management Districts with similar NOx emission requirements of 14 ng/J or 20 ppm
- Complies with Texas Low NOx rules

AIR-FLAPPER

- A stainless steel air flapper is used inside the premix system to replace externally mounted flue damper to minimize the standby heat loss and to minimize the overall heater height

METAL VENTING

- Rated Category I Appliance. Uses standard double wall-type "B" vent.
- Can be commonly vented with other Category I Appliances
- Vent connects directly to the vent connector outlet
- An excellent choice for retrofit and upgrade installations

3-YEAR LIMITED TANK/1-YEAR LIMITED PARTS WARRANTY

- For complete information, consult written warranty or americanwaterheater.com



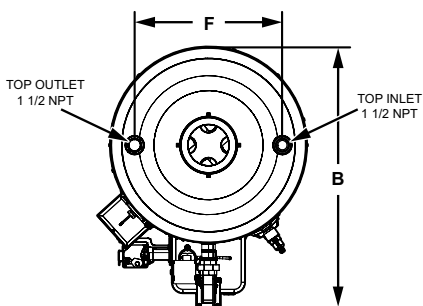
Model Number	Gallon Capacity	Input BTU/HR	Recovery Capacity GPH @ 100°F Rise
BCL3-80T120-6NOX	81	120,000	115
BCL3-80T154-6NOX	81	154,000	148
BCL3-80T180-6NOX	81	180,000	173
BCL3-80T199-6NOX	81	199,000	191
BCL3-100T199-6NOX	100	199,000	191
(A)BCL3-100T250-8NOX	100	250,000	240
(A)BCL3-100T275-8NOX	100	275,000	264
(A)BCL3-86T310-8NOX	86	310,000	298
(A)BCL3-86T366-8NOX	86	366,000	352
(A)BCL3-86T390-8NOX	86	390,000	375

Electrical characteristics-120V-60 Hz A.C., 5.0 A.

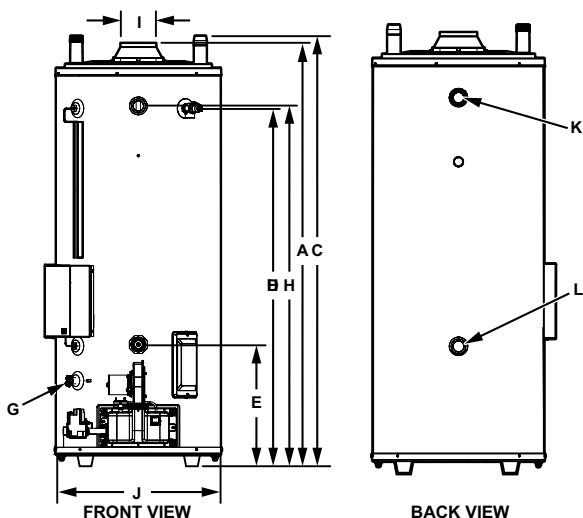
(A) before the model number designates ASME construction.

Leg kits for UL sanitation to meet NSF-5 (increases overall height by 4").

Available in natural gas only.



TOP VIEW



FRONT VIEW

BACK VIEW

Model Number	Dimensions in Inches					
	A	B	C	D	E	F
BCL3-120, 154, 180, 198	63-3/4	37	65	52-3/4	20-3/4	21
BCL3-199, 250(A), 275(A)	71-3/4	37	73	60-3/4	20-1/2	21
BCL3-310 (A), 366(A)	71-3/4	37	73	60-3/4	20-1/2	21

Model Number	Dimensions in Inches					
	G	H	I	J	K	L
BCL3-120, 154, 180, 198	3/4 NPT	53	6	27-3/4	1-1/2 NPT	1-1/2 NPT
BCL3-199, 250(A), 275(A)	3/4 NPT	61	6*	27-3/4	1-1/2 NPT	1-1/2 NPT
BCL3-310 (A), 366(A)	3/4 NPT	61	8	27-3/4	1-1/2 NPT	1-1/2 NPT

Electrical characteristics-120V-60 Hz A.C., 5.0 A.

(A) before the model number designates ASME construction.

Leg kits for UL sanitation to meet NSF-5 (increases overall height by 4").

Available in natural gas only.

*BCL3 250(A) - 275(A) use a 8" vent. See local codes.

Non-Dampered



GLASSLINED TANK

- Maximizes tank life
- Fully Automatic Controls with Safety Shutoff
- Accurate, dependable control system requires no electric connections. Fixed automatic gas shutoff device for added safety. Not recommended for 180°F sanitizing

HEAVY GAUGE STEEL JACKET

- Finished with baked enamel over bonderized undercoat

FOAM INSULATION

- Saves fuel, helps reduce standby heat loss

LOW NO_x

- Complies with Texas and other Districts Requirements for NO_x Emissions less than 40 ng/J

EASY-TO-INSTALL

- Completely factory-assembled. Only gas, water and vent connections need to be made. All connections are located in front and top of heaters for ease of installation and service.

3-YEAR LIMITED TANK/1-YEAR LIMITED PARTS WARRANTY

- For complete warranty information, consult written warranty or americanwaterheater.com



Water Quality

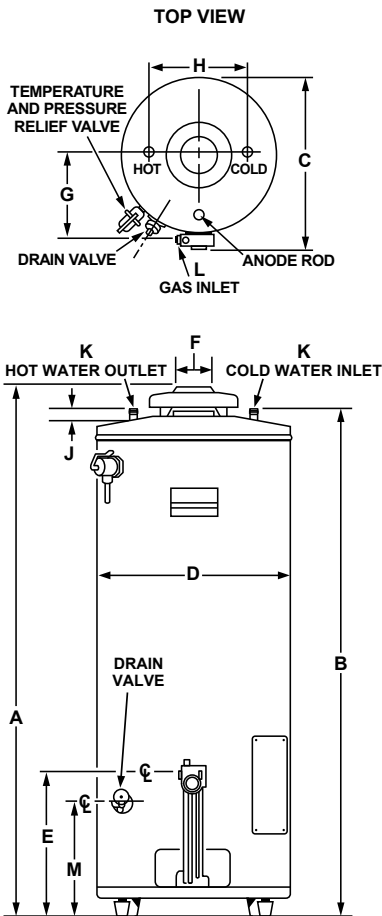


WATER QUALITY



GAS-FIRED LISTED





Model Number	Gallon Capacity	Input Rating BTU/HR	Recovery Capacity @ 100°F Rise	Approx. Shipping Weight (lbs)
CG32-75T75-4NOV	74	75,100	73	275
CG32-100T77-4NOV	98	75,100	73	350

Model Number	Dimensions in Inches					
	A	B	C	D	E	F
CG32-75T75-4NOV	61-1/8	58-1/2	26-1/2	15-3/16	16	4
CG32-100T77-4NOV	68-5/8	66-1/2	27-3/4	15-3/16	16	4

Model Number	Dimensions in Inches					
	G	H	J	K	L	M
CG32-75T75-4NOV	14-1/2	29-11/16	54-1/4	1	1/2	11-15/16
CG32-100T77-4NOV	15-3/4	30-15/16	54-1/4	1	1/2	11-15/16

NSF leg kit 9006645005.

Specify when ordering propane (LP) gas.

Change the NOV to PV when ordering Propane. Example CG32-75T75-4PV

Ultra-Low NOx Single Flue



AHRI

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CODE COMPLIANCE

- The Ultra-Low NOx atmospheric vent commercial gas water heater which meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and Current Edition ASHRAE/IES 90.1.

FULLY AUTOMATIC CONTROLS WITH SAFETY SHUTOFF

- Accurate, dependable control system requires no electric connections. Fixed automatic gas shutoff device for added safety. Not recommended for 180°F sanitizing.

HEAVY GAUGE STEEL JACKET

- Finished with baked enamel over bonderized undercoat

FOAM INSULATION

- Saves fuel, helps reduce standby heat loss

ULTRA-LOW NOx EMISSIONS

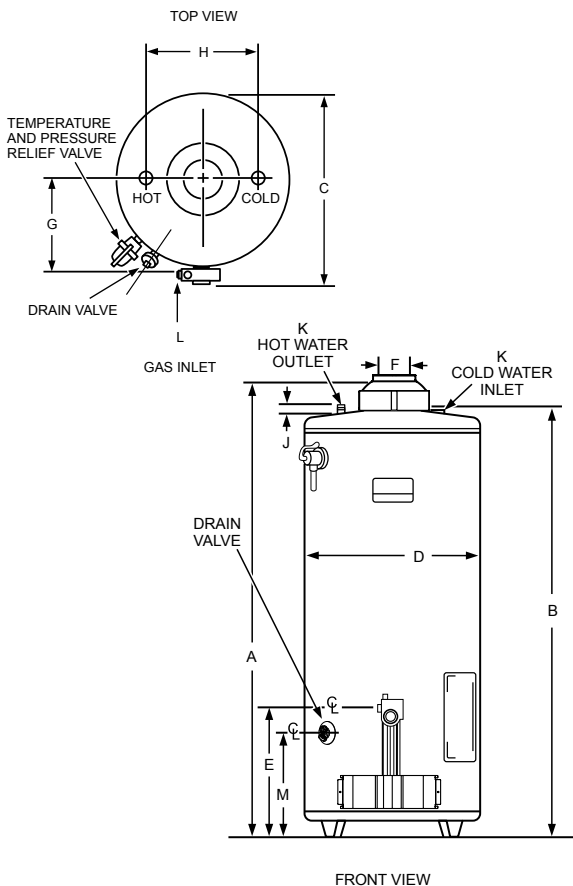
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements of 14 ng/J or 20 ppm
- Complies with Texas Low NOx requirements

EASY-TO-INSTALL

- Completely factory-assembled. Only gas, water and vent connections need to be made.
- All connections are located in front and top of the heater for ease-of-installation and service

3-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

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



Model Number	Gallon Capacity	BTU Input Natural Gas	Recovery Capacity @ 100°F Rise	Approx. Shipping Weight (lbs)
BCN3-75T75-NOV	74	75,100	73	285
BCN3-100T75-NOV	98	75,100	74	350

Model Number	Dimensions in Inches				
	A	B	C	D	E
BCN3-75T75-NOV	62-1/16	58	29-1/2	25-1/4	15-7/8
BCN3-100T75-NOV	70-1/2	66-1/2	30-15/16	27-3/4	15-3/16

Model Number	Dimensions in Inches						
	F	G	H	J	K	L	M
BCN3-75T75-NOV	4	15-1/4	16	2	1	1/2	12-1/2
BCN3-100T75-NOV	4	15-1/4	16	1-1/4	1-1/4	1/2	11-15/16

Natural gas only.

*Recovery rating based on 81% thermal efficiency

**Recovery rating based on 80% thermal efficiency



GLASSLINED TANK

- Thirteen sizes, 6 thru 119 gallon capacity
- Tank interior is coated with glass specially designed by American for water heater use

ELEMENTS

- Zinc plated copper sheaths for longer life
- Medium watt density means lower surface temperature to minimize scale build-up and more surface to heat water. Element sizes from 1.5 to 6 kW. Maximum input 12 kW.

STANDARD VOLTAGES

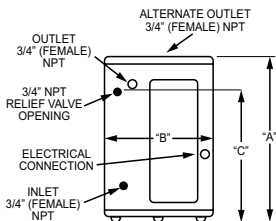
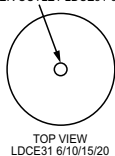
- 120,277 single phase and 208, 240 and 480V unbalanced three-phase delta; easily converted to single-phase at terminal block (except 208V with 6000 watt elements). Single element heater, single-phase only.

TERMINAL BLOCK

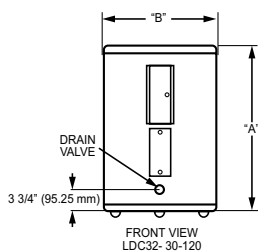
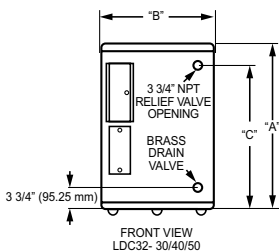
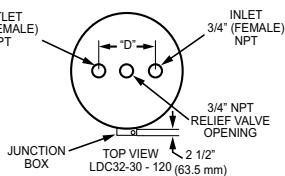
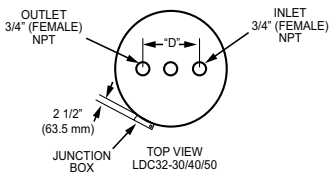
- Factory-installed. Just bring the service to heater and connect to block. Terminal block not supplied on 120V & 277 volt models. (No junction box on LDC31-06L thru LDCE31-20L)

Element Wattage (Upper/Lower)	U. S. Gallons/Hr at Temperature Rise Indicated	
	F°	100
Non-Simultaneous Operation		
/1500	GPH	6
/2000	GPH	8
/2500	GPH	10
3000/3000	GPH	12
4000/4000	GPH	16
4500/4500	GPH	18
5000/5000	GPH	20
6000/6000	GPH	24
Simultaneous Operation		
3000/3000	GPH	24
4000/4000	GPH	32
4500/4500	GPH	36
5000/5000	GPH	41
6000/6000	GPH	49

HOT WATER OUTLET LDCE31-06L



*(NO SIDE OUTLET AVAILABLE FOR LDCE31-6 MODELS)



Model Number	Gallon Capacity	Dimensions in Inches				Approx. Shipping Weight (lbs)
		A	B	C	D	
Compact Models						
LDC31-06L	6	15-1/2	14-1/4	11	N/A	35
LDCE31-10L	10	18-1/4	18	12-1/2	N/A	52
LDCE31-15L	15	26	18	20-1/2	N/A	66
LDCE31-20L	20	22-1/4	21-3/4	15-3/8	N/A	86
Lowboy Models						
LDCE32-30L	36	32	24	24	8	118
LDCE32-40L	38	32	23	24	8	118
LDCE32-50L	51	36	26-1/2	25	8	172
Tall Models						
LDCE32-30H	40	49-3/4	20-1/2	40-3/4	8	118
LDCE32-40R	50	59	20-1/2	53-1/4	8	125
LDCE32-50R	55	56-1/2	24	48-1/2	8	145
LDCE32-65H	65	60-3/4	21-3/4	N/A	8	176
LDCE32-80H	80	59-3/8	24	N/A	8	211
LDCE32-119R	119	62-4/9	29-3/8	N/A	8	326

Heavy-Duty Immersion Thermostats



ADVANCED ELECTRONIC CONTROL

- Plain English text and animated icons display diagnostics

ECONOMY MODE OPERATION LOWERS THE OPERATING SET POINT AND REDUCES OPERATING COSTS

THERMOSTATIC LINEAR SEQUENCING CONTROL HELPS REDUCE CURRENT SURGES AND PROVIDES ACCURATE CONTROL OF WATER TEMPERATURE

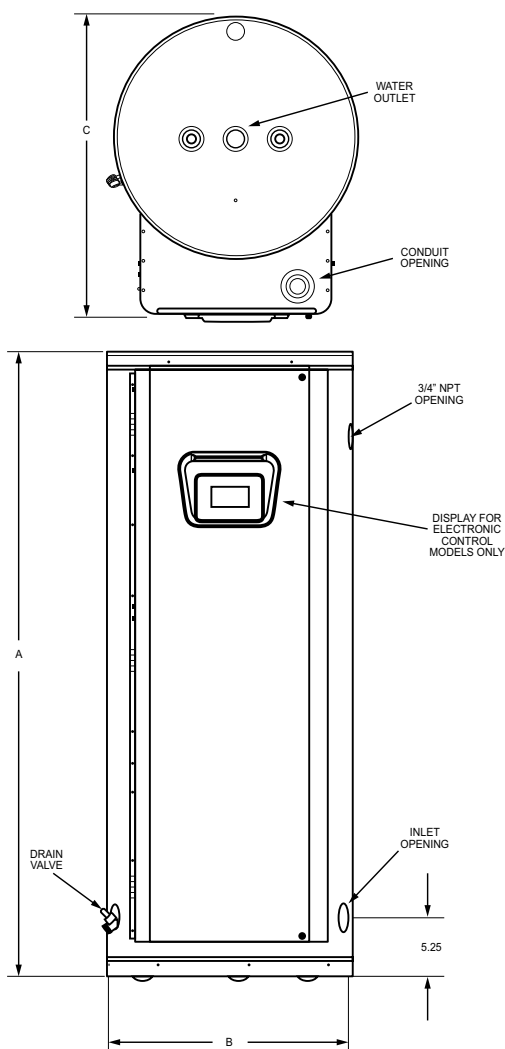
INCOLOY ELEMENTS

- All ITCE31 models ship standard with Incoloy elements. Incoloy elements provide long life with superior scaling resistance.

3-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

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





Model Number	Gallon Capacity	Dimensions in Inches			Approx. Shipping Weight (lbs.)
		A	B	C	
ITCE31-50	50	55-3/4	21-3/4	27	265
ITCE31-80	80	60-1/4	25-1/2	31	280
ITCE31-120	119	62-1/4	29-1/2	35	390

See specification sheets or contact your local rep for optional kW's available.
 208 volt models may use three additional elements. 54 kW not available in 208 single phase.

Heavy-Duty Surface Mount Thermostats



INCOLOY ELEMENTS

- Models ship with Incoloy plated elements
- Patented Incoloy elements provide long life and superior scaling resistance
- Low watt density means lower surface temperature to minimize scale buildup and more surface to heat water

FUSING

- Protects all elements, thermostats and internal wiring circuits against excess current flow. Meets National Electrical Code requirements that non-ASME tanks must have internal fusing when current draw exceeds 48 amps.
- Standard Voltages 208, 240, 277, 480V single-phase and three phase delta. Convertible from three-phase to single-phase (in Field) and Vice Versa (except 208/54kW) 277 single-phase only

ELEMENT AVAILABILITY

- STCE31 heaters available from 3kw to 54 KW with recoveries of 25 to 837 GPH at a 100°F rise. (STCE31-52 has 36kw max).

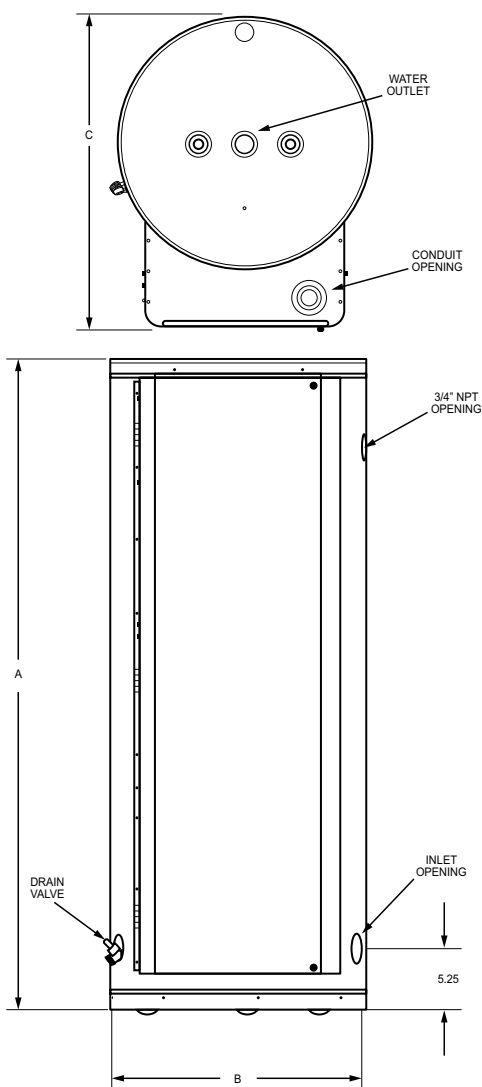
MEETS THE STANDBY LOSS REQUIREMENTS OF THE U.S. DEPARTMENT OF ENERGY AND CURRENT EDITION OF ASHRAE/IES 90.1

3-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

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



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Model Number	Gallon Capacity	Dimensions in Inches			Approx. Shipping Weight (lbs)
		A	B	C	
STCE31-52*	50	55-3/4	21-3/4	27	265
STCE31-80	80	60-1/4	25-1/2	31	280
STCE31-120	119	62-1/4	29-1/2	35	390

208 volt models may use three additional elements. 54 kW not available in 208 single phase.

For ASME tank construction add "A" to the front of the model number.

*STCE31-52 has 36 Max kW.

Standard Jacketed



GLASSLINED TANK

- Alkaline borosilicate composition permanently fused to steel by firing at a temperature of 1600°F, providing years of corrosion protection and dependable use

IDEAL FOR USE WITH GAS FIRED COPPER HEAT EXCHANGER EQUIPMENT FOR POTABLE WATER AT TEMPERATURES UP TO 180°F THREADED OPENINGS

- All tanks furnished with threaded openings for thermometer, relief valve, 2" recirculation lines, tankstat, and drain valve

ASME CONSTRUCTION ON SELECTED MODELS

- 160 psi standard working pressure on all ASME models

ANODIC PROTECTION ALL MODELS

- Magnesium anode for anti-corrosion protection

MEETS R12.5 MINIMUM THERMAL INSULATION REQUIREMENTS OF THE U.S. DEPARTMENT OF ENERGY AND CURRENT EDITION OF ASHRAE/IES 90.1

5-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

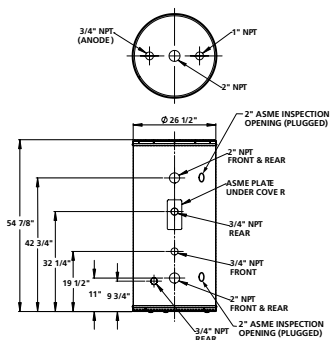
- For complete warranty information, consult written warranty or go to americanwaterheater.com

NON-ASME				
Model Number	Gallon Capacity	Dimensions in Inches		Approx. Shipping Weight (lbs)
		Overall Length	Jacket Diameter	
STJ5-80T	80	63	25-1/4	236
STJV5-120T	119	62	29-3/8	320

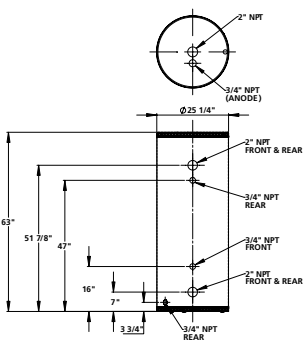
ASME				
Model Number	Gallon Capacity	Dimensions in Inches		Approx. Shipping Weight (lbs)
		Overall Length	Jacket Diameter	
ASTJ5-80T	80	57-7/8	26-1/2	369
ASTJV5-120T	119	61-3/4	28	411
ASTJV5-200M	175	77	32	560

Commercial Storage Tanks

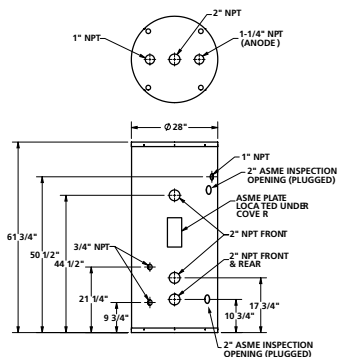
ASTJ-80T



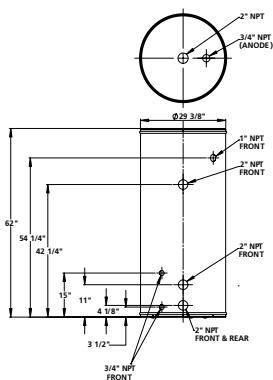
STJ5-80T



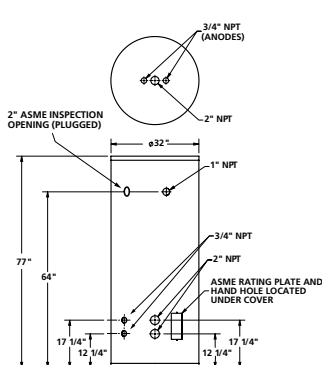
ASTJV5-120T



STJV5-120T



ASTJV5-200M





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