



POWERFLEX® POWER VENT WATER HEATERS



RELY ON AMERICAN.

DOWNRIGHT EASY TO INSTALL. AND DOWNRIGHT RELIABLE.



We designed the American PowerFlex® Power Vent water heater to be easier to install, with more flexibility and options. We started with a new design for the blower, a 3-position rotatable blower that improves installation flexibility. The PowerFlex Power Vent also vents using installer-friendly ABS, CPVC and PVC, with vent lengths up to 180 feet. And all serviceable components are located within 90 degrees of the front of the unit for easy access. The American PowerFlex PowerVent—
one more reason you can
rely on American.



POWERFLEX POWER VENT AT A GLANCE.

Reliability and easy installation go hand-in-hand at American. So we engineered our PowerFlex Power Vent water heaters for easy installation to maximize efficiency and deliver up to a .70 Energy Factor (EF) that meets the latest ENERGY STAR® qualifications.

EASY-INSTALL FEATURES INCLUDE:

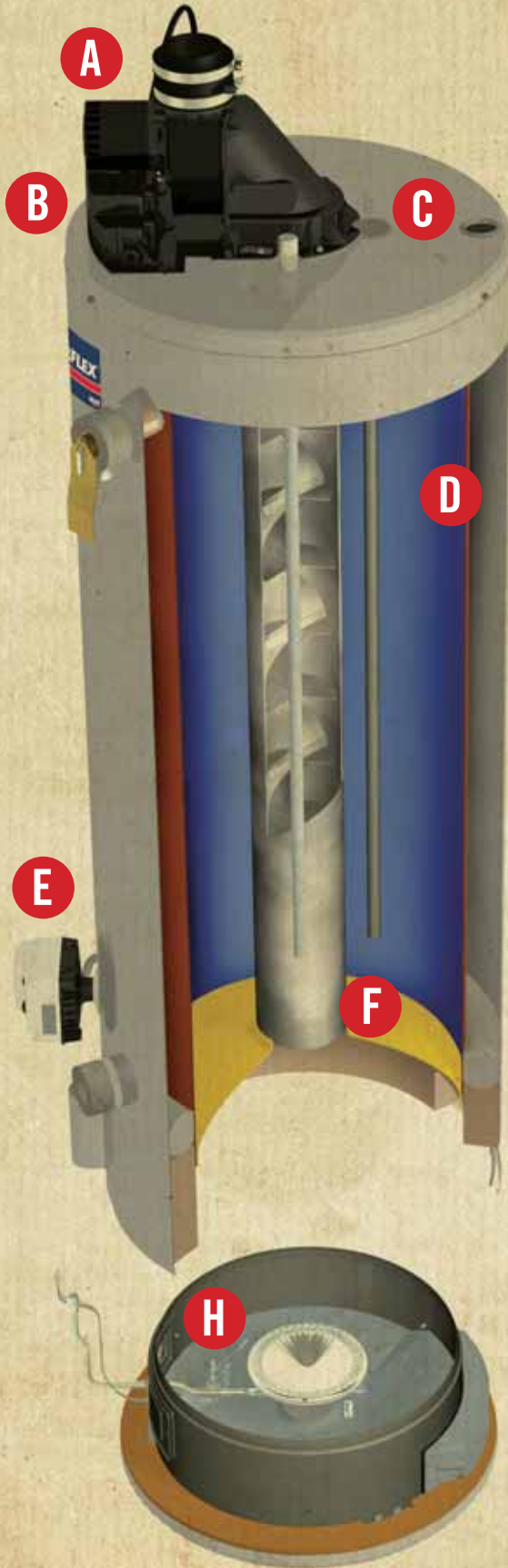
- A versatile Power Vent design with an *exclusive* 3-position rotatable blower to adapt to limited space installations.
- Combined horizontal and vertical vent runs up to 125 equivalent feet with 3" diameter venting (180 equivalent feet with 4" venting on high-input 50- and 75-gallon models).
- Factory-installed, CSA-certified and ASME-rated T&P relief valve and a durable, tamper-resistant drain valve are positioned to simplify service and installation.

OTHER OUTSTANDING FEATURES:

- All models meet ENERGY STAR® requirements and may also qualify for local utility and rebate programs.
- LimeFighter® dip tube optimizes inlet water pressure to minimize cold water regions within the tank. The self-cleaning action reduces sediment accumulation on the bottom of the tank.
- Hot-surface ignitor is more robust and reliable than standing pilot, and reduces energy consumption.
- Factory-installed built-in heat traps on the water inlet and outlet reduce the amount of heat lost through piping.
- Environmentally-friendly 2-inch-thick foam insulation reduces the amount of heat loss and maximizes efficiency.
- Models available with ¾" side connections for combination (space heating) applications.
- All models are equipped with a protected flammable vapor (FV) sensor that detects the presence of flammable vapors and automatically disables the burner to prevent their ignition.
- Air intake snorkel elevates the combustion air inlet to prevent flammable vapors from entering the sealed combustion chamber and igniting.
- Eco-friendly Green Choice® gas burner reduces NOx emissions by up to 33%.
- State-of-the-art electronic gas control ensures precise temperature control and features an LED display to provide operation status and diagnostic information.

A

Exclusive 3-position rotatable blower for height-restricted installations



G

Air intake snorkel prevents flammable vapors from entering the combustion chamber

B

Front-mounted blower junction box for easy access

H

Combustion chamber does not require flame arrestor

C

Accessible anode allows for servicing without removal of blower

D

2-inch-thick foam insulation maximizes energy efficiency

E

Exclusive electronic gas control delivers precise temperature control

F

LimeFighter® dip tube reduces sediment build-up and improves energy efficiency

Available in natural gas and propane.
6-year limited tank and parts warranty.



POWERFLEX® POWER VENT



Dimensions

Model Number	Series	Height To Top Of Blower	Height To Top Of Tank	Diameter	Overall Depth	Height To Drain	Height To Gas Inlet	Height To T&P	Height To Upper Side Connect	Height To Lower Side Connect	Shipping Weight
		A	B	C	D	E	F	G	G	H	lbs
PVG62-40S40-NVS	200	59	49 5/8	22	29 1/8	11	14 1/4	42 1/2	N/A	N/A	174
PVG62-40T50-NVS	200	68 1/2	59 1/4	20	27 1/8	11	14 1/4	53 1/8	53 1/8	15 1/4	176
PVG62-50S40-NVS	200	60 1/8	50 3/4	24	31 1/8	11	14 1/4	43 3/4	N/A	N/A	198
PVG62-50T50-NVS	200	68 1/8	58 3/4	22	29 1/8	11	14 1/4	51 3/4	51 3/4	15 1/4	192
PVG62-50T62-NVS	200	61 1/8	52	24	31 1/8	11	14 1/4	44 1/2	44 1/2	15 1/4	212
PVG62-75T72-NVS	200	70 5/8	61 1/4	26	33 1/8	11	14 1/4	53	53	15 1/4	277

All dimensions in inches.

Natural gas models cited are Series 200. Propane models are Series 201. For propane models, change "NVS" to "PVS" in the model number.

All models rated for installation at altitudes up to 10,100 ft.

Specifications

Model Number	Gallon Capacity	Input BTU/h	Energy Factor	First Hour Rating USG	Recovery 90°F GPH
PVG62-40S40-NVS	40	40,000	0.70	73	44.7
PVG62-40T50-NVS	40	50,000	0.70	90	55.9
PVG62-50S40-NVS	50	40,000	0.70	90	44.7
PVG62-50T50-NVS	50	50,000	0.70	96	55.9
PVG62-50T62-NVS	50	62,000	0.70	110	69.3
PVG62-75T72-NVS	75	72,000	0.68	155	80.4

Vent Lengths

Model Number	Maximum Vent Length (eq. ft.)		
	ø2"	ø3"	ø4"
PVG62-40S40-NVS	50'	125'	180'
PVG62-40T50-NVS	50'	125'	180'
PVG62-50S40-NVS	50'	125'	180'
PVG62-50T50-NVS	50'	125'	180'
PVG62-50T62-NVS	N/A	50'	125'
PVG62-75T72-NVS	N/A	50'	125'

For Technical Information and Automated Fax Service, call 800-999-9515. American Water Heaters reserves the right to make product changes or improvements without prior notice.



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