

# PROMAX<sup>®</sup> POWER VENT WATER HEATERS



**AC Smith**<sup>®</sup>  
Innovation has a name.

## EASY INSTALLATION. GREATER FLEXIBILITY.

To give contractors added installation flexibility and possibilities with our ProMax® Power Vent water heater, we designed it with a 3-position rotatable blower. To simplify installation, our ProMax Power Vent models vent with installer-friendly PVC with vent lengths up to 180 feet. And then we located all serviceable components within 90 degrees of the front of the unit for easy access. The A. O. Smith ProMax Power Vent water heater takes the frustration out of any installation.

## PROMAX POWER VENT AT A GLANCE.

In addition to being easier to install, the ProMax Power Vent water heaters have been re-engineered to maximize efficiency and deliver up to a .70 Energy Factor (EF) that meets the latest ENERGY STAR® qualifications.

### EASY-INSTALL FEATURES:

- 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 brass 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.
- DynaClean™ dip tube optimizes inlet water pressure to minimize cold water regions within the tank. The self-cleaning action also 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 3/4" 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 more precise temperature control and features an LED indicator to provide operation status and diagnostic information.

**A**

**EXCLUSIVE** 3-POSITION ROTATABLE BLOWER FOR HEIGHT-RESTRICTED INSTALLATIONS

**B**

FRONT-MOUNTED BLOWER JUNCTION BOX FOR EASY ACCESS

**C**

ACCESSIBLE ANODE ALLOWS FOR SERVICING WITHOUT REMOVAL OF BLOWER

**D**

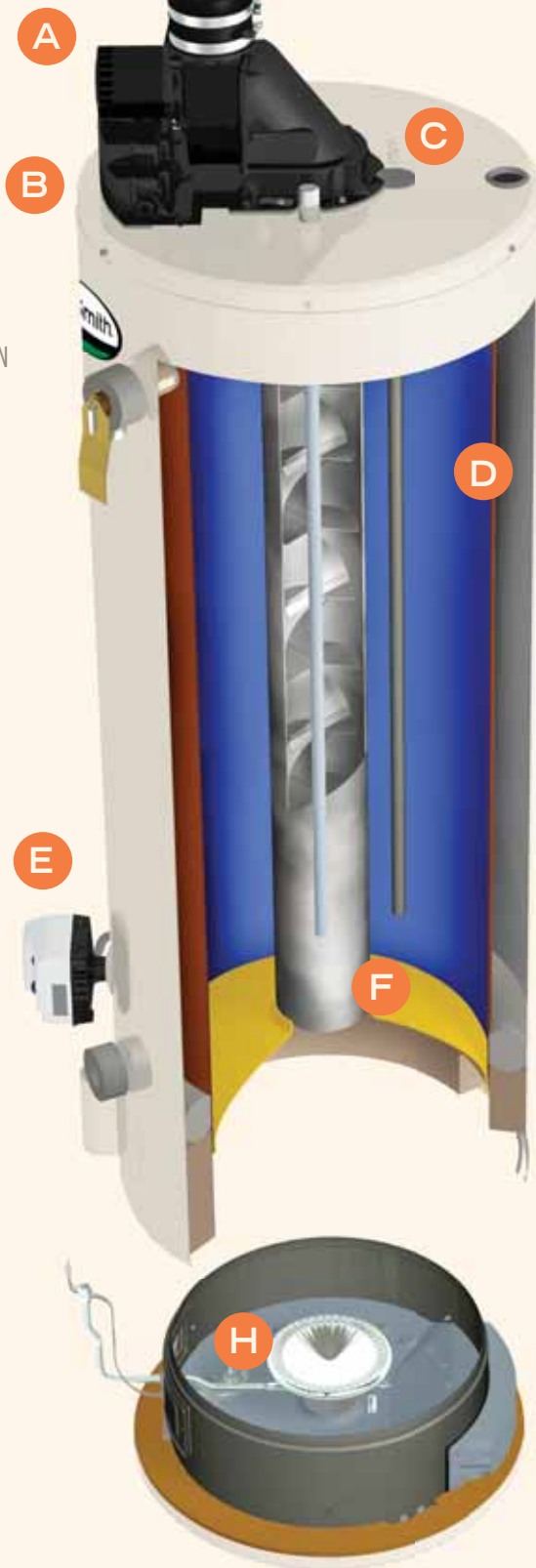
2-INCH-THICK FOAM INSULATION MAXIMIZES ENERGY EFFICIENCY

**E**

**EXCLUSIVE** ELECTRONIC GAS CONTROL DELIVERS PRECISE TEMPERATURE CONTROL

**F**

**DYNACLEAN™** DIP TUBE REDUCES SEDIMENT BUILD-UP AND IMPROVES ENERGY EFFICIENCY



**G**

AIR INTAKE SNORKEL PREVENTS FLAMMABLE VAPORS FROM ENTERING THE COMBUSTION CHAMBER

**H**

COMBUSTION CHAMBER DOES NOT REQUIRE FLAME ARRESTOR



AVAILABLE IN NATURAL GAS AND PROPANE.  
6-YEAR LIMITED TANK AND PARTS WARRANTY.

# PROMAX 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.
GPVL 40	200	59	49 5/8	22	29 1/8	11	14 1/4	42 1/2	N/A	N/A	174
GPVT 40	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
GPVL 50	200	60 1/8	50 3/4	24	31 1/8	11	14 1/4	43 3/4	N/A	N/A	198
GPVT 50	200	68 3/8	58 3/4	22	29 1/8	11	14 1/4	51 3/4	51 3/4	15 1/4	192
GPVX 50L	200	61 1/8	52	24	31 1/8	11	14 1/4	44 1/2	44 1/2	15 1/4	212
GPVX 75L	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.

FOR SIDE CONNECT MODELS, ADD "L" TO MODEL NUMBER, E.G. GPVT 40L.

NATURAL GAS MODELS CITED ARE SERIES 200. PROPANE MODELS ARE SERIES 201.

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/50°C RISE GPH
GPVL 40	40	40,000	0.70	73	44.7
GPVT 40	40	50,000	0.70	90	55.9
GPVL 50	50	40,000	0.70	90	44.7
GPVT 50	50	50,000	0.70	96	55.9
GPVX 50L	50	62,000	0.70	110	69.3
GPVX 75L	75	72,000	0.68	155	80.4

## VENT LENGTHS

MODEL NUMBER	MAXIMUM VENT LENGTH (EQ. FT.)		
	Ø2"	Ø3"	Ø4"
GPVL 40	50'	125'	180'
GPVT 40	50'	125'	180'
GPVL 50	50'	125'	180'
GPVT 50	50'	125'	180'
GPVX 50L	N/A	50'	125'
GPVX 75L	N/A	50'	125'



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AOSRG01006

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A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.