



ENERGY STAR

- 85% AFUE, ENERGY STAR® certified
- Electronic ignition
- Equipped with Intelligent Hydronic Control
- 70 280 MBH (7 sizes)
- Ideal for installations where chimney venting is not possible, industry-standard tapping locations permit ease of replacement for thousands of existing installations
- Solid, reliable, American-made cast iron
- Lifetime limited warranty
- Available in select markets

Intelligent Hydronic Control Features

Intelligent Hydronic Control

- Combines aquastat, relay, and ignition functions into a single module
- Two customizable integrated switching relays for easy addition of additional heating zone or indirect water heater
- Energy saving "thermal purge", which works by circulating residual warm water (140° or above) in the heating system before firing the boiler
- LED display for boiler status and trouble codes



- Lower replacement cost
- Wiring harness connectors designed to prevent mis-wiring
- Extensively tested and proven in thousands of existing installations

PVG: Technical Information



Vent Size

(Inches)

3

Approx.

Shipping

Weight.

(lbs.)

245

Standard Equipment

- Insulated steel jacket
- Heavy gauge 1" base insulation
- Intelligent Hydronic Control Simple self-diagnostic control system with 3-digit readout for status settings and errors
- Step-opening redundant gas valve
- Stainless steel burner tubes
- Stainless steel flue gas baffles
- Spark ignition with continuous retry
- User-friendly wiring with 120V J-box
- Taco 007 circulator with piping with wiring harness
- Cast iron section assembly
- Differential vent pressure switch
- Boiler drain valve
- Cast iron supply manifold with safety relief valve tapping
- Vent connector terminal
- Air inlet terminal
- · Vent terminal for horizontal/vertical (sidewall) venting



		Dimensi	PVG D		s & Connec Connection			Water		
			PVG D	imension	s & Connec	tions				
* Add suffix "N" for natural gas, or suffix "L" for LP gas models										
	PVG9	84.0	280	238	207	4		575		
	PVG8	84.5	245	208	181	4		430		
	PVG7	85.0	210	179	156	3		397		
	PVG6	85.2	175	150	130	3		386		
	PVG5	85.3	140	120	104	3		348		
				50	10	0		296		
	PVG4	85.4	105	90	78	3		206		

PVG Ratings & Specifications

Net AHRI

(MBH)

52

DOE

Heating

Capacity

(MBH)

60

Input

(MBH)

70

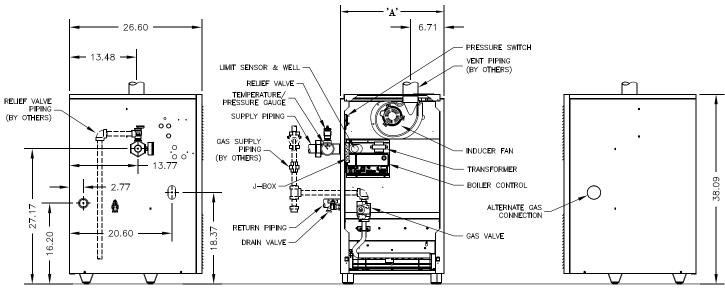
AFUE%

85.5

Model

PVG3

	Dimensions (inches)				Connections (inches)						
Model	" A "	"В"	"C"	Supply	Return	Gas Valve	Relief Valve	Content (gal.)			
PVG3	11.65	26.60	38.09	1-1/4	1-1/4	1/2	3/4	2			
PVG4	14.72	26.60	38.09	1-1/4	1-1/4	1/2	3/4	3			
PVG5	17.78	26.60	38.09	1-1/4	1-1/4	1/2	3/4	4			
PVG6	20.84	26.60	38.09	1-1/4	1-1/4	1/2	3/4	5			
PVG7	23.90	26.60	38.09	1-1/4	1-1/4	3/4	3/4	6			
PVG8	26.97	26.60	38.09	1-1/4	1-1/4	3/4	3/4	7			
PVG9	30.03	26.60	38.09	1-1/4	1-1/4	3/4	3/4	8			



(LESS FRONT PANEL)



© 2013 U.S. Boiler Company, Inc. - Lancaster, PA Phone: 1-888-432-8887 **www.usboiler.net**