

Series PV™

Residential Gas Combination Boiler



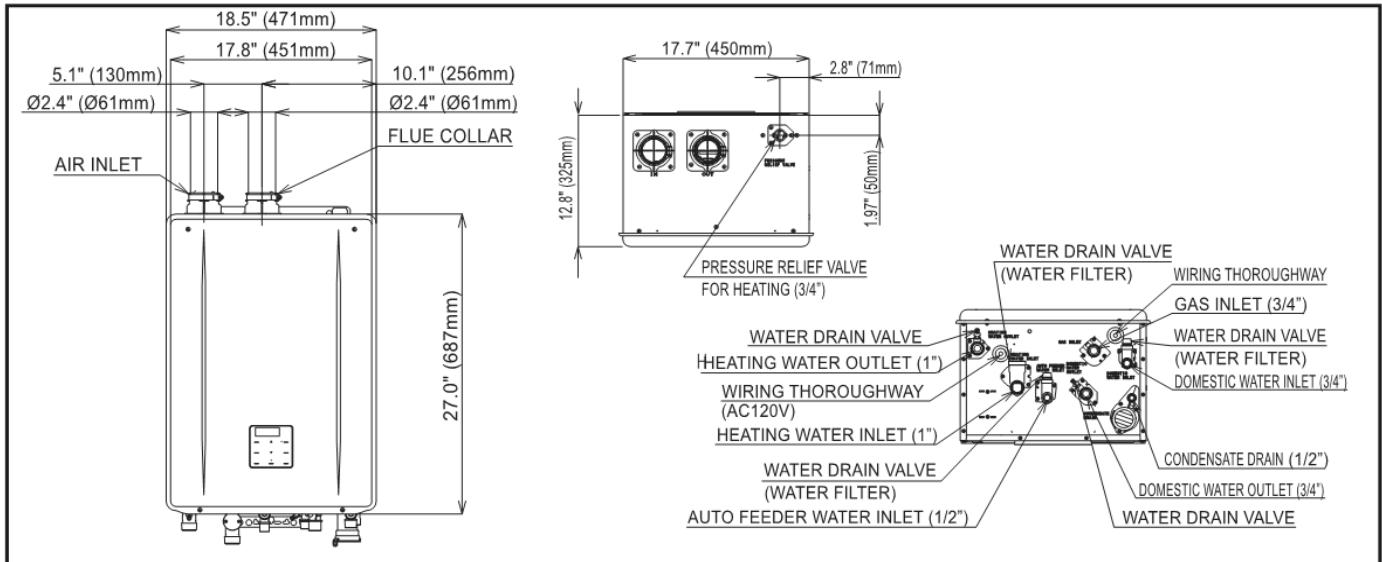
FEATURES

- AFUE 95% - ENERGY STAR® certified!
- Simultaneous operation of DHW and heating
- Durable stainless steel heat exchangers (3 total)
- Ultra-low NOx (<20ppm)
- 10-year limited heat exchanger warranty for residential use and 5-year limited parts warranty

Series PV™ Standard Equipment

- Direct Electronic Ignition
- Stability and quick temperature control of DHW and heating
- Temperature controls, including remote thermostat
- Mixing valve for domestic hot water side
- Durable stainless steel heat exchangers
- Outdoor reset control with temperature sensor included
- Safety Devices

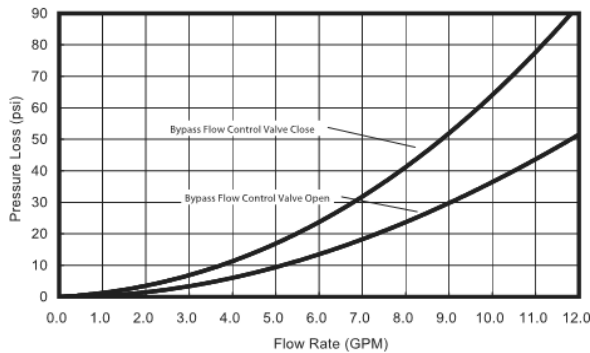
Dimensions



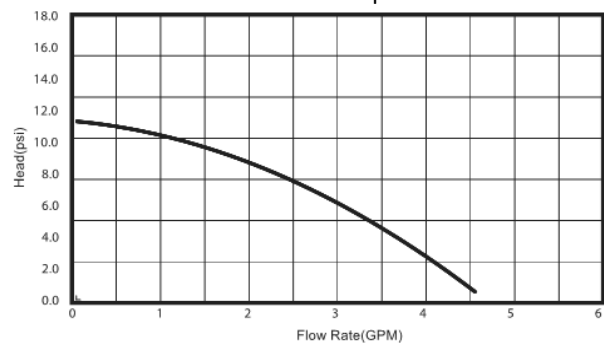
Flow Rate

Temperature Rise (°F)	30	40	45	50	60	70	80	90	100
Flow Rate (GPM)	11.1	9.5	8.4	7.6	6.3	5.4	4.7	4.2	3.8

DHW Pressure Loss Curve



Internal Pump Curve



Specifications

Model Name		PV199DV (GHQ-C3201WX-FF PB US)	
Weight		95 pounds (43 kg)	
Operating Pressure		15 - 150 psi	
Gas Supply Pressure		NG : 3.5" - 10.5" LP : 8.0" - 14.0"	
Water Holding Capacity		Under 2 Gallons	
Gas Connection Size	Water Inlet	3/4" NPT	
	Hot Water Outlet	3/4" NPT	
	Gas Inlet	3/4" NPT	
	Condensate Drain	1/2" Threaded NPT	
	Auto Feeder Inlet	1/2" NPT	
	Heating Supply	1"	
Power	Supply	120VAC, 60Hz	
	Consumption	Operation : 210W(NG&LP), Freeze Prevention : 125W	
Temperature Settings	Domestic Hot Water	°F Mode	90-140°F (In 5°F intervals) (11 Options)
		°C Mode	32°C,35°C,37°C-48°C (In 1°C intervals),50°C,55°C,60°C (17 Options)
	Heating	°F Mode	80*-180°F (In 1°F intervals) (81 Options)
		°C Mode	27-82°C (In 1°C intervals) (43 Options)

* Default temperature for heating setting is 100°F . Refer to the installation manual in order to set it to 80°F.



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