

SPECIFICATIONS (Approx.)

Model	PH-16FSN (Natural Gas) / PH-16FSP (L.P. Gas)						
Purpose	Domestic Hot Water Supply Only / Residential Use Only						
Rated Gas Input (Btu/Hr.)	31,500 (Min.) 118,000 (Max.)						
Manifold Pressure (in. w.c.)	Contact your distributor, dealer whom you purchased the water heater or Paloma.						
Dimensions (in.)	13 3/4 (W) x 22 1/4 (H) x 5 1/8 (D)						
Net Weight (lbs.)	35						
Installation	Indoor Wall Mounting Type (Forced Exhaust, Fan Assisted) Side wall venting for positive pressure and possible condensation With an optional vent trap for vertical venting (Max. 16 feet 5 inches)						
Working Water Pressure	14 psi (Min.); 150 psi (Max.)						
Minimum Water Flow	0.92 Gallon/Minute						
Gas Connection	1/2" NPT Female (w/supplied Gas Shutoff Valve)						
Water Connection	3/4" NPT Male						
Vent Size	3" Special Venting						
Efficiency Rating	80%						
Inlet Gas Pressure before water heater	Natural Gas: Min. 4.0" w.c. Max. 10.5" w.c. L.P. Gas: Min. 8.0" w.c. Max. 14.0" w.c. (Do not exceed maximum pressure.)						
Hot Water Supply	Adjusting Range	100 °F ~ 120 °F					
Combustion	System	Fan Assisted Combustion					
	Main Burner	Bunsen Type Burner					
	Ignition	Electric Continuous Sparking					
Electrical Portion	Electrical Rating	120 VAC/60Hz, Less than 2 Amps					
	Wire	3 (three) Pin Power Supply Cord 10 Feet					
	Fuse	3 A Fuse x 2					
	Fan Motor	Sirocco Fan					
Safety Devices	Oxygen Depletion Safety Device	Sensing Burner					
	Flame Failure Safety Device	Flame Rod Type					
	Over Heat Limiter for Heat Exchanger	Film Type for Entire Heat Exchanger					
	Air Flow Switch	Diaphragm Type Pressure Switch					
Max. Vent Pipe Extension	3" Diameter, 33 Feet 3 (three) 90 Degree Elbows						
Controlling System	Water Volume Sensing Device, Water Volume Servo, Freeze Protection Electric Heater, Gas Pressure Regulator						
Optional Accessory	Paloma Condensate Trap for Vertical Venting						
Hot Water Flow Rate and Temperature Rise							
Temp. Rise (°F)	45	50	60	70	80	90	100
Water Flow (GPM)	4.2	3.8	3.2	2.7	2.4	2.1	1.9

Minimum Clearance: 1/2" at the sides; 0" at the rear with support bracket (If the mounting wall is not flat, the minimum of 3/8" between the wall and back cover is required.); 10" at the top; 12" at the bottom and 12" at the front. (24" minimum recommended front clearance for service and maintenance).

Note: Special Venting

The adapter, vent pipe, elbow, vent terminal, etc. should be UL 1738 Certified Stainless Steel Venting Material (e.g. AL29-4C) that is manufactured by Heat-fab Inc. 130 Industrial Blvd., Turners Falls, MA 01376, Phone (800) 772-0739 or (413) 863-2242, Fax (413) 863-4803 or alternate vendors.

WARNING: "B" vent is not permitted.

Since we are constantly improving our products, all specifications are subject to change without notice.