

## SPECIFICATIONS (Approx.)

Model	PH-28RIFSN (Natural Gas) PH-28RIFSP (L.P. Gas)	PH-28ROFN (Natural Gas) PH-28ROFP (L.P. Gas)
Purpose	Hot Water Supply & Circulating	
Rated Gas Input (Btu/Hr.)	19,000 (Min.) 199,900 (Max.) (Modulating)	19,000 (Min.) 199,900 (Max.) (Modulating)
Installation	Indoor Wall Mounting Type Side wall venting for positive pressure and possible condensation For vertical venting (Ask Paloma)	
Dimensions (in.)	14-7/8" (W) x 25-3/8" (H) x 11-1/8" (D)	
Net Weight (lbs.)	55	
Working Water Pressure	14 psi (Min); 150 psi (Max.)	
Min. Water Flow	0.66 Gallon/Minute	
Max. Flow Rate	7.4 GPM at 45° F Temperature Rise, 23 psi	
Gas Connection	3/4" NPT Female (With Supplied Gas Shutoff Valve)	
Water Connection	3/4" MPT Male	
Manifold Pressure (in. w.c.)	Contact your distributor, dealer from whom you purchased or Paloma	
Vent Size	4" Special Venting	N/A (Outdoor Installation)
Efficiency Rating	84%	
Inlet Gas Pressure before water heater	Natural Gas: Min 4.0"w.c.; Max. 10.5"w.c. (Do Not Exceed maximum Pressure) L.P. Gas: Min. 8.0"w.c.; Max. 14.0"w.c. (Do Not Exceed maximum Pressure)	

Hot Water Supply	Factory Setting	100°F (With Main Remote Control & Dip Switch)	
	Adjusting Range	Main Control	100°F ~ 120°F (140°F)
		Bath Control	100°F ~ 120°F
	Max. Setting	Up to 140°F (With Main Remote Control & Dip Switch)	
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 Pin Power Supply Cord 10 Feet (Indoor)	
	Fuse	3A Fuse x 2	
	Fan Motor	Turbo Fan	
Safety Devices	Oxygen Depletion Safety Device	Sensing Burner (Indoor Model Only)	
	Over Heat Limiter for Heat Exchanger	Film Type Over Heat Limiter for Entire Heat Exchanger	
	Flame Failure Safety Device	Flame Rod Type	
Max. Vent Length	4" 37.5 Feet	N/A (Outdoor Installation)	
	Three 90 Deg Elbows		
Freeze Protection	Minus 30°F (Without Wind-Chill Factor)		
Remote Controller	One Digital First Bath Remote Control (USC1-117) is included		
Optional Accessory	Digital Main Remote Control (UMC-117)		
	Digital Second Bath Remote Control (USC2-117)		

**Special Venting (adapter, vent pipe, elbow, vent terminal, etc.) should be UL 1738 Certified Category III Stainless Steel Venting Material (e.g. AL29-4c). "B" vent is not permitted.**

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

**Catalog No. 28R-0804 Effective 08-01-04**