



- The Paloma Tankless for 2-3 bath homes
- 2-shower performance
- High energy efficiency
- Double the performance with DUOnex™, or up to 20 times the performance with MIC-180
- Outdoor and Direct Vent versions



Hot Water Performance

The 6.6 Series in standalone SOLO Mode offers an optimal solution for most 2-3 bath homes. For homes with larger hot water needs, simply connect two units with the DUOnex™ Cable for DUO Mode performance. With the optional MIC-180, larger systems up to 20 units in size will support any luxury residential hot water vision.

6.6 SOLO Mode Performance

	Temperature Rise		
	40°	70°	100°
Gallons Per Minute	7.4	4.2	2.9
Gallons Per Hour	444	252	174

Safety Engineering

The 6.6 Series includes safety engineering you will not find on other brands:

- ICAD™, our proprietary safety system that constantly monitors combustion for evidence of unsafe carbon monoxide. On the Direct Vent model.
- Overheat Limiter Wrap, a resin film wrapped around the heat exchanger, for the earliest possible detection of unsafe overheating. On all models.

Energy Efficiency

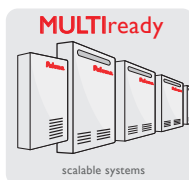
Uses gas only when the consumer need hot water and never squanders energy when they are asleep or away from home.

Government tests show that the Paloma 6.6 Tankless will heat a standard amount of hot water with:

- 29% less energy than most new 50-gallon tank-type heaters.
- 40% less than an excellent new 100-gallon heater.

Convenience

Digital controller lets the consumer change temperature settings immediately and precisely.



Paloma®



specifications

models and venting



Outdoor

Nat. PH-25R OFN
LP PH-25R OFP



Direct Vent

Nat. PH-25R DVSN
LP PH-25R DVSP

BTU Input Range	11,000 ~ 180,000 (fully modulating)
Maximum Hot Water Output	8.4 GPM (35 degree rise at 23 psi)
Minimum Flow for Ignition	0.66 GPM
Dimensions (inches)	13 7/8 (w) x 23 5/8 (h) x 8 7/8 (d) (Outdoor) 13 7/8 (w) x 25 5/8 (h) x 9 7/8 (d) (Direct Vent)
Working Water Pressure	14 ~ 150 psi
Temperature Range	85 ~ 140 degrees F
Gas Connection	3/4" NPT Female (with included gas shutoff valve)
Water Connection	3/4" NPT Male
Efficiency Rating	82%
DOE Energy Factor	0.82
Gas Inlet Pressure	Natural Gas: Min 4.0" W.C.; Max. 10.5" W.C. LP Gas: Min. 8.0" W.C.; Max 13.0" W.C.
Low NOx compliant (SCAQMD Rule 1146.2)	Yes
Electrical Requirement	120V/60 Hz AC, 2 Amps
Power Cord (Except Outdoor)	10-foot, 3-pin indoor power cord (pre-installed)
Freeze Protection	Minus 30 degrees F (including windchill factor)
Controller/Diagnostic Display	UMC-117
Electronic Manifold Ready?	Yes: 2 to 20 units (use MIC-180 Controller)
DUOnex™ Ready?	Yes: 2 units with DUOnex™ Cable
Gas Shutoff Valve	Included
Vent Requirement (Direct Vent)	3by5 Concentric Category III stainless steel venting required
Vent Maximum Length	23 feet (with three 90-degree elbows)
Net Weight	52 lbs.

safety engineering

Carbon Monoxide Safety	ICAD™, our proprietary system to monitor and optimize combustion (Not on Outdoor version).
Heat Exchanger Overheat Protection	Overheat Limiter Wrap. Resin film that surrounds the heat exchanger.
Flame Failure	Three separate flame rods to monitor flame failure.
Anti-boil Protection	Temperature sensor.
Anti-scald Protection	Bath Controller maximum temp 120 degrees F. When on, Bath Controller takes priority over others. While hot water running, Bath Controller max. temp. cannot be raised above 112 degrees F.

features

- Continuous hot water on demand
- Energy-saving design
- Energy efficiency - 30% more efficient than tank-type water heaters
- Compact, space-saving design
- Self-diagnostic program
- UMC-117 Main Digital remote control
- Remote control displays adjustable temperature settings
- Exclusive film wrap overheat limiter
- May be installed as part of a circulating water system
- Built-in electric blower on all models
- Double the performance with DUOnex™
- 2-to-20 unit systems with MIC-180 Controller
- Extensive diagnostics and error display

accessories

- USC1-117 First Bath Controller
- USC2-117 Second Bath Controller
- DUOnex™ Cable for 2-unit system
- MIC-180 Controller for 2-to-6 unit systems
- MICS-180 expansion board allows 7-to-20 unit systems
- MIC Communication Cable in 16 foot, 32 foot and 65 foot lengths
- High Altitude DIP Switch Adjustment
- Special vent terminations

in the box

- One Paloma Tankless unit
- One Digital Controller
- One gas shutoff valve
- Attached power cord (direct vent)
- Operating and Installation Manual

residential warranty

- 12-Year Limited Warranty on Heat Exchanger
- 5-Year Limited Warranty on Parts

For more information, visit www.palomatankless.com

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