

# Paloma®

## TANKLESS

### GAS WATER HEATER

Produces **ENDLESS** Hot Water



**SUPER SAVINGS  
AGAINST HIGH  
ENERGY COSTS**

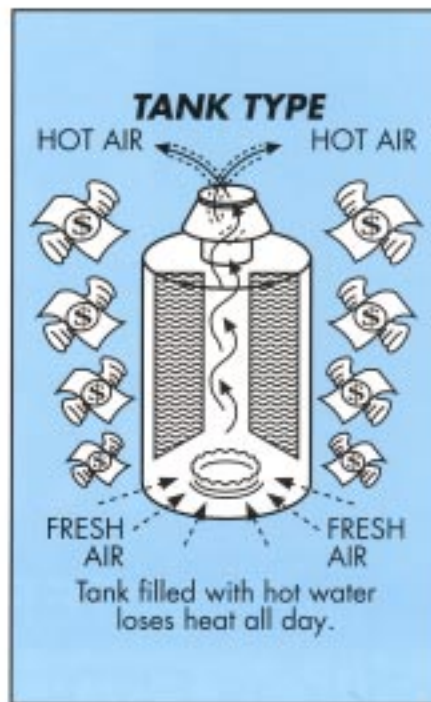


Model: PH-24N

- **INSTANTANEOUS:**  
Heats water only when you need it.
- **TANKLESS:**  
No standby heat loss.
- **CONTINUOUS:**  
Hot water never runs out.
- **COMPACT:**  
Hangs on the wall.

- Home
  - Commercial
  - Industrial
  - Restaurants
  - Car Washes
  - Offices
  - Camp Grounds
  - Cottages
  - Apartments
  - Residential
- etc., etc., etc., etc., etc.





**Tank System:**

- Wastes precious, costly fuel by keeping the tankful water constantly heated.
- Produces higher fuel bills.
- Erratic water temperature in prolonged use...hot water turning to warm water turning to cold water.
- One or two hour wait for another tankful of hot water.

**Model: PH-12M** 89,300-30,000 BTU/H Input Modulating burner (automatic output control device) equipped. Very little minimum operating water pressure required. Recommended for average home use. AGA design certified.



- Offices, factories, doctors' offices, hair dressers, hospitals, labs



- Sink



- Dishwasher



- Cottages, ski lodges, public restrooms, camp grounds



- Washing machine



- Shower, bath

# PICK FROM A WIDE RANGE OF TANKLESS HEATERS TO FIT YOUR NEEDS

(FROM 43,800 BTU/H MODEL TO 178,500 BTU/H MODEL)



**Model: PH-6**  
43,800 BTU/H Input  
A little, compact heater. Ideal for cottage, cabin, auxiliary installations such as in office, etc.  
AGA design certified.



**Model: PH-24M**  
178,500-37,700 BTU/H Input  
Modulating burner (automatic output control device) equipped. The largest tankless water heater of its type in the world. Superb for commercial and industrial use as well as large residential home. AGA design certified.

## MODULATING UNITS

Turn on your hot water faucet and water is heated instantly as it flows through the heating coils. Paloma's burners shut off automatically as soon as you turn off the faucet. The PALOMA modulating control automatically adjusts the flame to the water flow you select.  
SMALL WATER DEMAND...LOW FLAME  
LARGE WATER DEMAND...HIGH FLAME  
PALOMA produces hot water only WHEN and AS MUCH AS YOU NEED.

That's why you can SAVE ENERGY and MONEY!!

## Suitable for residential use.

Just one PALOMA supplies all the hot water you need in your home for shower, bath, dishwasher, laundry, etc....\*

\* Heavy simultaneous use may reduce the flow at a particular faucet.

## HIGH TECHNOLOGY AND QUALITY DESIGN

Wall-mounted Paloma tankless water heaters are built to perform efficiently with very little maintenance. First class materials include a copper heat exchanger and combustion chamber, brass controls, stainless steel burners, and a hard baked porcelain exterior. Palomas are easy to service and all parts are easy to replace.

## SAVE MONEY, SPACE AND ENERGY

Save dramatically on your current water heating bill. Storage-type hot water heaters lose heat all day long (and all night too!). They consume more energy than any other job in the home except space heating. Palomas heat only the water you need as you're using it. You never store hot water again. You never wait for water to heat up again. You never run out of hot water!

## WARRANTY FOR RESIDENTIAL USE

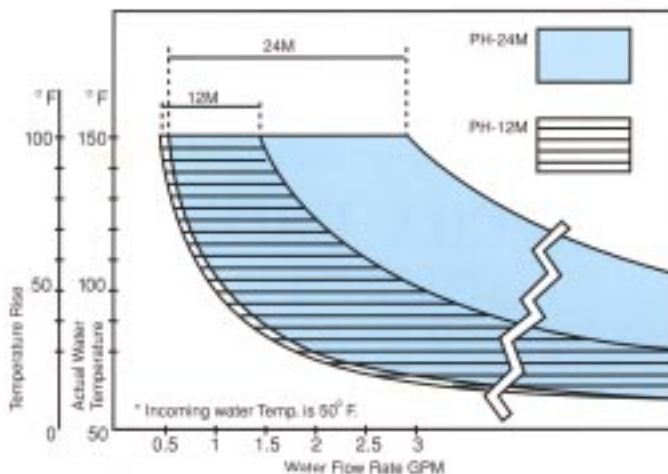
5-year limited warranty on heat exchanger leakage.  
3-year limited warranty for all other parts.

\* Warranty for commercial use, ask Paloma dealer.

## EASY AND QUICK INSTALLATION

Equipped with flexible tubes at Inlet and Outlet points (PH-12M & PH-24M). Install on wall with just screws securing the bracket.

## PALOMA'S "M" MODEL OPERATING RANGE PH-12M & PH-24M



The graph shows the relation between water flow and hot water temperature.

Wide Temperature Adjustment: Temp. Rise from 60°F (WARM) to 100°F (HOT) at any point.

At "HOT" position, PH-24M will provide 150°F hot water from 0.52 gal/min. to 2.8 gal/min.\*

You can use at the wide range which is shown on the graph by mixing cold water at faucet.

\* When incoming water temperature is 50°F.



• PH-6DN/DP, 12M-DN/DP, 24M-DN/DP ARE DESIGN CERTIFIED BY A.G.A.

• PH-6DN/DP, 12M-DN/DP, 24M-DN/DP ARE DESIGN CERTIFIED BY C.G.A.



# LOOK INSIDE!

HIGH QUALITY  
AND MANY  
SAFETY FEATURES

**⚠ WARNING: PROHIBITED INSTALLATIONS.**  
DO NOT INSTALL THE HEATER IN THE  
FOLLOWING LOCATIONS:

- In small, poorly ventilated rooms.
- In air-tight rooms with air-conditioning.
- Near vents for heating or cooling.
- In places where chemicals are used.
- In bathrooms, bedrooms or any occupied rooms normally kept closed.
- In a location where heater may be exposed to freezing temperatures.
- In a location where heater is subject to vibration. (such as Carpet Cleaning, etc.)
- In Recreational Vehicles, Mobile Homes, Boats and other Watercrafts.
- As a part of any Circulating Systems. (such as Home Heating, Spa or Pool Heating, Recirculation to the other Tank, etc.)
- In corrosive, dusty and greasy environments.



## SPECIFICATIONS

Model No.		PH-6DP	PH-6DN		PH-12M-DP	PH-12M-DN	PH-24M-DP	PH-24M-DN
Type of gas		L.P.	NAT.		L.P.	NAT.	L.P.	NAT.
Rated input (BTU/Hr.)	Full	43,900	43,600	Full	69,300	69,300	178,500	178,500
	Half			Min.	30,000	30,000	37,700	37,700
Hot water output degree rise (U.S. gal/min.)	Burner	1 stage		Burner	PH-12M-D		PH-24M-D	
	Stage selection	Full			Min.	Full	Min.	Full
	50°F rise	1.40		60°F rise	0.79		0.87	
	70°F rise	1.00		70°F rise	0.68		0.75	
				80°F rise	0.59		0.65	
	100°F rise	0.70		90°F rise	0.53	1.59	0.58	3.17
Minimum working water supply pressure	P.S.I.	4.3		Min.	2.1		2.4	
				Full	10.0		12.9	
Height x width x depth	Inch	29-5/8 x 10-1/4 x 9-7/8		Inch	35-3/4 x 13-3/4 x 11-3/4		40-3/4 x 18-3/4 x 14-7/8	
Net weight	LBS	20		LBS	35		75	
Connection	Gas	1/2 NPT female		Gas	1/2 NPT female		3/4 NPT female	
	Water hot (cold)	1/2 NPT male		Water hot (cold)	3/4 NPT male		3/4 NPT male	
Flue size	Inch	4 dia.		Inch	5 dia.		7 dia.	

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



## PALOMA FREEZE PROTECTION KIT

Thermostatically controlled and keep water control body and water control case assemblies of heater protected against frozen damage to temperature of approximately - 4°F (without wind-chill factor). (For Model PH-12M & 24M)