

ULTRA PLATINUM SERIES

Paloma

LEADERS IN GAS WATER HEATING



**PALOMA ECOMAX
COMMERCIAL 28L
CONTINUOUS HOT WATER
WHEN YOU NEED IT**



Paloma

COMES ON STEADY, HOT AND STRONG

INSTALL A



PALOMA ULTRA PLATINUM SERIES 28L

CONTINUOUS HOT WATER WHEN YOU NEED IT

Gas continuous flow water heaters deliver hot water that never runs out because they only heat water when you need it, for as long as you need it—provided that gas, electric and water supply are uninterrupted.

Continuous flow water heaters work differently from storage water heaters. Instead of continually heating and storing water until it is needed, they ONLY heat on demand. They are wall-mounted, taking up less space



6 Star
energy efficiency



Hot water that
never runs out



Automatic
shut down



Small footprint
saving space



Frost Protection
system



Twice the flow

WHY PALOMA CONTINUOUS FLOW

- **Hot water that comes on steady, hot and strong!**
- Backed by over 115 years of Paloma manufacturing.
- **6 Star energy rating**—Efficient, on-demand hot water, while keeping your hot water energy consumption down
- **Capacities to suit more homes, families and large applications**—20, 26 and 28 l/min flow rates
- **Designed with South Africans in mind**—combining international experience with our unique weather conditions
- **Flamesafe® overheat protection**—automatic shut down of your unit, should it overheat or if as supply issues arise
- **Paloma Q Factor**—ensures rapid hot water every time without fluctuation when multiple taps demand water
- **Solar Ready**—Fully thermostatic units, immediate compatibility with solar systems without the need for special fittings or devices
- **Available for Natural Gas or LPG**

FLEXIBLE INSTALLATION

Paloma EcoMax Commercial is available in both Internal and External models for flexible installation possibilities.



External (Outdoor)



Internal (Indoor)

PALOMA ECOMAX 28L FEATURES

- Larger 28L/min Capacity at 25°C rise
- Digital Display for easy fault diagnosis
- EZ Link Ready—56L/min
- MIC-6 and MIC-185
- Solar Boost Ready
- 82°C Maximum temperature
- 10 year heat exchanger warranty
- Internal / External Models
- Multipak and Tankpak options

28L PERFORMANCE DATA

FLOW RATE L/min	MAX Flow	35.0 l/min
	20°C rise	33.0 l/min
	25°C rise	28.0 l/min
	35°C rise	20.0 l/min
	50°C rise	16.0 l/min
	60°C rise	14.0 l/min
	70°C rise	12.0 l/min

Performance based on 15°C cold water temperature

PALOMA ULTRA PLATINUM SERIES 28L



GAS
CONTINUOUS
FLOW



1-6 PEOPLE
2.5 to 3
BATHROOMS



28L/MIN¹
CAPACITY



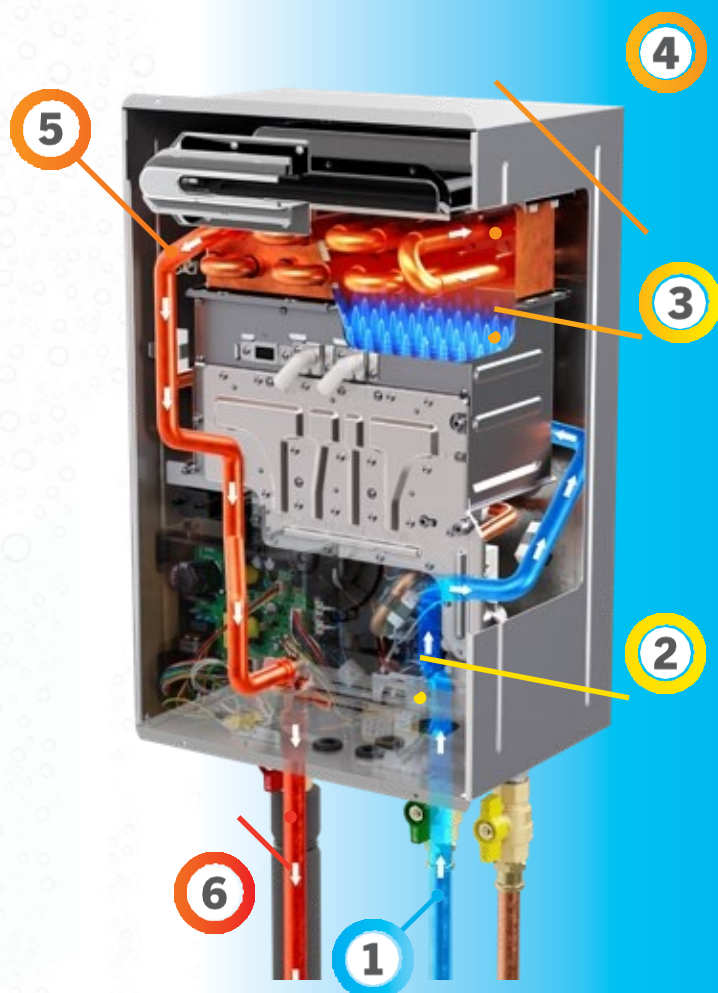
15 YEAR HEAT²
EXCHANGER
WARRANTY

PALOMA TECHNOLOGY

- **Digital OK monitor**—displays set temperature when in operation. On-board diagnostics makes servicing easy.
- **Smart electronic control**—Paloma Eco Max Commercial are fully electronically controlled; efficient and reliable hot water.
- **Flamesafe ® overhear protection**—the unit automatically shuts down to prevent overheating,
- **Paloma Q Factor**—ensures rapid hot water every time, without fluctuation, when multiple taps demand water.
- **Low minimum operating flow**—low flow of just 1.5L/min—ideal for installations with flow regulated

HOW IT WORKS

1. Cold water enters via the cold water inlet.
2. A “smart electronics system” monitors the temperature and flow of water and will adjust the burner and flow rate, accordingly.
3. Paloma’s high efficiency burner creates instantaneous heat.
4. Inside the heat exchanger, the incoming water is rapidly heated to the set temperature.
5. Precise temperature heated water leaves the heat exchanger.



For illustrative purposes only



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INSTALL A



PALOMA ULTRA PLATINUM SERIES 28L

PRODUCT DATA

SPECIFICATIONS

PRODUCT SPECIFICATION—PALOMA ECOMAX GAS 28L

	PH-28 External	PH-28 Internal
Model Number	PH-28CMX	PH-28CMDV
Capacity Rating	28 l/min @ 25°C	28 l/min @ 25°C
Gas Consumption (Min to Max)	11—210 MJ/Hr	11—210 MJ/Hr
Electrical Consumption (w) - with Anti-frost (w)	69 @ 240 V 170 @ 240 V	69 @ 240 V 170 @ 240 V
Dimensions (H x W x D) mm	559 x 343 x 260	647 x 343 x 284
Weight (empty) kg	23	27
Anti-frost	Y	Y
Min/Max Operating Flow Rate (l/min)	1.0—34	1.0—34
Min/Max Activation Flow rate (l/m)	1.5	1.5
Min Activation Water Pressure	120 kPa	120 kPa
Min Water Pressure for Full Flow	1000 kPa	1000 kPa
Max Water Pressure Input	600 kPa	600 kPa
Gas & Water Connections	3/4" or 20 mm	3/4" or 20 mm
Min Temperature	37°C	37°C
Max Temperature	82°C	82°C
Max Temperature with Controller	Kitchen 60°C Bathroom 50°C	Kitchen 60°C Bathroom 50°C
EZ-Link (2 unit with electronic manifold)	Y	Y
Application	Domestic Commercial Industrial	Domestic Commercial Industrial
Concepts and Extras		
EZ-Link	Y	
MIC-6 + MIC-185	Y	
Solar Ready	Y	
Tankpak	Y (1 to 10 Units)	
Multipak	Y (2 to 6 units)	

WARRANTY AND CONDITIONS

- * At 25°C temperature rise. Guide only, subject to correct pipe sizing, ambient water temperature and pressure and appliance flow rates
- * Warranty: 10 years parts and 3 years labour on Heat Exchanger, 3 years parts & labour on other components—for domestic installations only
- * May only be installed a qualified installer for warranty and safety
- * Warranty excludes borehole installations, power surge, contaminated gas supplies.

PRODUCT OPTIONS / ACCESSORIES

Paloma Kitchen & Bathroom Temperature Controllers

Easily set your desired water temperature. Bathroom controllers can be set to a max temp of 50°C and Kitchen controllers can be set to a max temp of 60°C.



Paloma EZ-Link

Join two PH-28 EcoMax Gas Geysers for a massive 56 L/min of hot water delivery. Ideal for large families and smaller commercial needs.



MIC-6, MIC-185

The MIC-6 system is designed to operate up to 6 Paloma Tankless Water Heaters in a parallel manifold system. This allows the system to supply a large capacity of hot water while maintaining high energy efficiency.



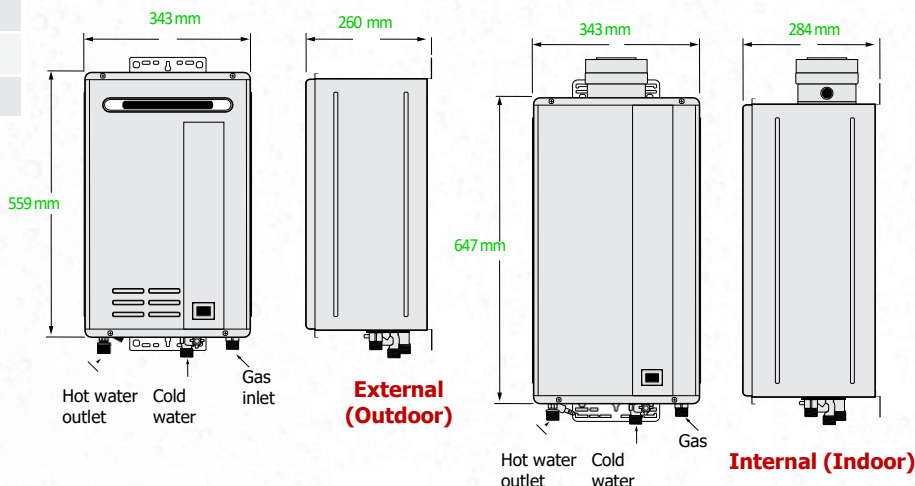
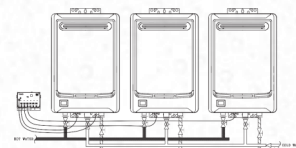
Rotation

The priority ranking of each unit is rotated according to specific conditions. This allows the equalization of the load of all unit.



Balancing

The master unit has priority and operates on its own until the load reaches 80%, then the 2nd priority unit begins operating. Thereafter the load will equalize among all the operating



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