

**Paloma**



# portabile

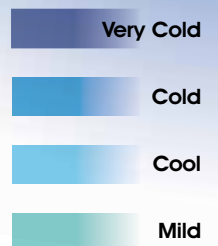
## **GAS HEATING**



**LOW EMISSION  
TECHNOLOGY**  
clean air.

...the

wherever  
you are...



The Paloma Group is a privately held manufacturing company that began operations in 1911 as a pioneer in the Japanese gas appliance industry. Today The Paloma Group is the leading world producer of gas appliances.

The Group is headquartered in Nagoya, Japan and has manufacturing facilities and sales offices in Japan, USA, Australia, Canada, Mexico, New Zealand, China, Singapore and Vietnam. All manufacturing facilities are ISO9001 or 14001 certified.

**Global brands** – the Paloma Group manufacture a wide range of water heaters, solar water heaters, gas stoves, rice cookers, room heaters, swimming pool & spa heaters, domestic and commercial heaters, warm air furnaces & air conditioners and market these products under the following brands – Paloma, Rheem, Solahart, Rudd, Raypak, Everhot, Edwards, Accent Air, Aquamax and Vulcan.

**Commitment to safety** – Paloma prides itself on its commitment to achieving the highest level of safety engineering of any company in the gas appliance industry. We certify our products to the safety standards of the countries where we do business. But we continually challenge ourselves to strive for a higher standard.

**Integrity & effort** – we work together with our clients in a spirit of integrity, fairness & partnership and guarantee, continuity & stability in our business relationships. This means we keep our promises. We make every effort to make our actions straightforward and sincere. We will not be content with the way things are and find ways to improve innovate and add value to the products we manufacture.

**Rheem Australia** – the largest manufacturer and market leader of Domestic and Commercial water heaters in Australia joined the Paloma Group in 2001. Rheem Australia has sales and service outlets throughout Australia including manufacturing facilities in New South Wales, Victoria and Western Australia.

**Manufactured in Japan** – Paloma gas space heaters are manufactured by Paloma Japan at their manufacturing facilities in Nagoya & Nagota. Paloma gas Heaters are imported to Australia at the beginning of our winter season and are sold in Australia through energy retailers, electrical retailers, specialist retailers and trade outlets.

Paloma Head Office in Japan.



# right choice

## WHY BUY A PALOMA PORTABLE GAS HEATER?

### The Paloma Range

The Paloma gas heater range include three convector heater models – PJC-15FR, PJC-18FR & PJC-25FR and three radiant heater models – PG-451S, PG-651S & PG-851S. The Paloma PJC-25FR portable convector heaters are available in three colours – Off White, Silver and Charcoal. The Paloma PJC-15FR convector is available in Off White and Silver. All other models are available in Off White.

### Low Emission Technology

All Paloma heaters are designed and manufactured to comply with Australian Standards AS4553-2008 and Paloma portable convector heaters use the latest burner technology to give you low emissions. Refer to product specification for AS4553 Emission Star Ratings.



### Warranty – Peace of Mind

All Paloma heaters are manufactured and tested prior to leaving the factory. We certify our products to Australian safety standards and the quality of Paloma gas space heaters are second to none. All Paloma convector heaters are backed by a five year warranty and the Paloma radiant heaters have a three year warranty.

### AS4553 Efficiency Star Energy Rating - Reduced Running Costs

All Paloma heaters are extremely efficient and are rated to 5.9 Stars. These highly efficient models will reduce your running costs saving you money.



### Additional features...

All models:

- Fast heat up time
- Easy to use
- Lightweight – which helps with portability

Features specific to convector heater models:

- Low standby power – 1 watt
- Unattended appliance shut-off – heater cuts out after 8 hours running
- Seven stage modulation gas valve
- Automatic economy function
- Additional features on remote control
- Pre-heat function – starts up one hour before the set times



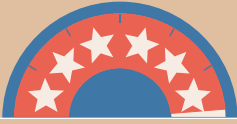
## HEATING CAPACITY SELECTION CHART

| Description...                         | Very Cold                                  | Cold        | Cool        | Mild        |
|--|--|-------------|-------------|-------------|
| Max. Winter Daylight Temperatures...   | Less than 10°C                             | 10°C – 12°C | 13°C – 15°C | 16°C – 20°C |
| Heater Models                          | Approx. Heating Capacity (m <sup>2</sup> ) |             |             |             |
| <b>PG-451S</b>                         | 18   | 20          | 27          | 31          |
| <b>PG-651S</b>                         | 23   | 28          | 37          | 42          |
| <b>PG-851S</b>                         | 31   | 35          | 47          | 54          |
| <b>PJC-W15FR, PJC-S15FR</b>            | 33   | 39          | 53          | 60          |
| <b>PJC-W18FR</b>                       | 39   | 46          | 62          | 70          |
| <b>PJC-W25FR, PJC-S25FR, PJC-C25FR</b> | 53   | 63          | 85          | 97          |

Notes:

(1) The above table has been developed to serve as a guide only.

(2) Heating capacities are based on a maximum ceiling height of 2.7m.



PJC-C25FR – Charcoal  
(Also available in Off White  
and Silver)



**Paloma portable gas convector heaters offer fully automatic, thermostatically controlled heating for domestic applications. Its high performance filtered fan delivers rapid, winter warmth at floor level.**

- AS4553 Efficiency Star Rating - 5.9 Stars
- Low Emission technology – Paloma portable convector heaters use the latest burner technology to give you less than half the maximum emissions allowable by the Australian Standards. Refer to product specification for AS4553 Emission Star Ratings – more stars the better.
- One touch Electronic Ignition
- Low standby power – 1 watt
- Dual Timers – the heater can be set to operate automatically at two separate periods of the day
- Remote Controller Operation – on/off, temperature control (up/down), timer 1 & 2 and override.
- Child Lock function prevents accidental operation as well as children interfering with the controls
- Automatic Economy function – when the room reaches the required temperature the heater automatically decreases room temperature by 1° C for every 30 minutes up to 2° C.
- Preheat function allows the heater to automatically operate one hour prior to the programmed starting time
- Override function allows the user to manually override the preset program and operate the heater
- Adjustable room temperature – when the heater is turned on the set temperature and room temperature is displayed on the screen. You can adjust the room temperature by pressing the up and down arrows on the control panel.
- Energy efficient seven stage modulating gas valve
- Manufactured in Japan

These models are tested and certified to AS4553-2008, EN298-2003, AS/NZS60335 and AS/NZSCISPR14.1



PJC-W18FR – Off White



PJC-S15FR – Silver  
(Also available in Off White)



**LOW EMISSION  
TECHNOLOGY  
clean air.**



# convector HEATERS



## Inbuilt safety features:

- *Filter Clean Warning Device* – When the air filter is clogged or hot-air outlet is blocked, the filter safety device will switch off the heater and the filter light will flash.
- *Anti-tilt Safety Switch* automatically shuts off gas flow if the heater is knocked or bumped.
- *Oxygen Depletion Safety System* automatically shuts off gas flow if the oxygen level in the room drops below a safe level.
- *Flame Failure Device* prevents flow of gas to burner if ignition fails or flame goes out.
- *Power Failure Device* prevents flow of gas to burner if there is a power failure.
- *Overheat Safety Device* – if the fan stops rotating for any reason the overheat switch shuts off the gas supply.
- *Over Current Safety System.*
- *Back Burner Protection.*
- *Unattended Appliance Shut Off Device* – the heater shuts off after 8 hours continuous operation.
- *Air Volume and Combustion Control.*

## SPECIFICATIONS

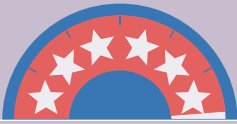
| MODEL   |      |     | PJC-25FR                    | PJC-18FR          | PJC-15FR          |
|---|------|-----|-----------------------------|-------------------|-------------------|
| Type  |      |     | Convection Heater           | Convection Heater | Convection Heater |
| Gas Input (MJ/h)  | High | NG  | 25                          | 18                | 15.5              |
|   |      | LPG | 23                          | 18                | 15                |
| Gas Input (MJ/h)  | Low  | NG  | 9                           | 9                 | 10                |
|   |      | LPG | 8.2                         | 8.2               | 8.6               |
| Heater Output (kW)                                      |      |     | 6.1                         | 4.7               | 3.9               |
| AS4553 Efficiency Star Rating                           |      |     | 5.9                         | 5.9               | 5.9               |
| AS4553 Emission Star Rating                             |      |     | 3.9                         | 4.4               | 4.4               |
|   |      | LPG | 3.6                         | 3.6               | 3.8               |
| Minimum Room Size (m <sup>3</sup> )                     |      |     | 62.5                        | 45                | 37.5              |
| Max. Heating Capacity - Mild Climate (m <sup>2</sup> )* |      |     | 97                          | 70                | 60                |
| Gas Hose Length (m)                                     |      |     | 3                           | 1.5               | 1.5               |
| Electrical Power Cord Length (m)                        |      |     | 3                           | 1.5               | 1.5               |
| Standby Electrical Consumption (w)                      |      |     | 1                           | 1                 | 1                 |
| Colour  |      |     | Off White, Silver, Charcoal | Off White         | Off White, Silver |
| Dimensions: H x W x D (mm)                              |      |     | 494 x 531 x 237             | 494 x 531 x 237   | 494 x 531 x 237   |
| Net Weight (kg)   |      |     | 12.7                        | 12.7              | 12.7              |

## ORDER CODES

|           |     |            |            |            |
|-----------|-----|------------|------------|------------|
| Off White | NG  | PJC-W25FRN | PJC-W18FRN | PJC-W15FRN |
|           | LPG | PJC-W25FRL | PJC-W18FRL | PJC-W15FRL |
| Silver    | NG  | PJC-S25FRN | NA         | PJC-S15FRN |
|           | LPG | PJC-S25FRL | NA         | PJC-S15FRL |
| Charcoal  | NG  | PJC-C25FRN | NA         | NA         |
|           | LPG | PJC-C25FRL | NA         | NA         |

\* Refer to Heating Capacity Selection Table.

Note: When installing unflued heaters check installation, ventilation and sizing requirements with your local authority. This particularly applies to Victoria, South Australia and Western Australia.



# PALOMA PORTABLE **gas** HEATERS

## radiant

Highly portable, speedy heating and completely safe heaters. Ideal for the home and weekender. Save money and stay warm with Paloma gas heaters.

- AS4553 Efficiency Star Rating - 5.9 Stars
- Reliable piezo ignition with quick sensor device.
- Speedy heating through immediate and direct effect of infra-red radiant heat.
- Two heat settings – High or Low setting for comfort and economy.
- Portability – take your Paloma gas heater on trips to the weekender. These heaters can also be moved from room to room and stored away over the summer months.
- Ideal for small rooms or areas.
- Electricity is not required to operate these radiant heaters.
- Manufactured in Japan



PG-451S



PG-651S



PG-851S

### Inbuilt safety features:

- Flame failure device prevents flow of gas to burner if ignition fails or flame goes out
- Oxygen Depletion Safety System - Should the oxygen level in the room falls below an acceptable level, the heater automatically shuts off
- Safety Tilt Switch - If the heater is knocked over the gas supply is immediately shut off



### SPECIFICATIONS

| MODEL   | PG-451S         | PG-651S         | PG-851S         |
|---|-----------------|-----------------|-----------------|
| Type  | Radiant Heater  | Radiant Heater  | Radiant Heater  |
| Gas Input (MJ/h) High                                   | 8.0             | 11.0            | 14.0            |
| Gas Input (MJ/h) Low                                    | 4.0             | 4.0             | 7.0             |
| Heater Output (kW)                                      | 2.0             | 2.8             | 3.5             |
| AS4553 Efficiency Star Rating                           | 5.9             | 5.9             | 5.9             |
| AS4553 Emission Star Rating                             | 2.7             | 2.8             | 2.7             |
|   | 2.2             | 2.0             | 1.8             |
| Minimum Room Size (m <sup>3</sup> )                     | 40              | 55              | 70              |
| Max. Heating Capacity - Mild Climate (m <sup>2</sup> )* | 31              | 42              | 54              |
| Gas Hose Length (m)                                     | 1.5             | 1.5             | 1.5             |
| Colour  | Off White       | Off White       | Off White       |
| Dimensions: H x W x D (mm)                              | 410 x 340 x 265 | 458 x 340 x 265 | 506 x 340 x 265 |
| Net Weight (kg)   | 5.0             | 5.5             | 6.0             |

### ORDER CODES

| Off White | NG  | PG-451SN | PG-651SN | PG-851SN |
|-----------|-----|----------|----------|----------|
|           | LPG | PG-451SL | PG-651SL | PG-851SL |

\* Refer to Heating Capacity Selection Table.

Note: When installing unflued heaters check installation, ventilation and sizing requirements with your local authority. This particularly applies to Victoria, South Australia and Western Australia.



## WARRANTY

|                                      | Parts             | Labour  |
|--------------------------------------|-------------------|---------|
| <b>PALOMA GAS CONVECTION HEATERS</b> |                   |         |
| Combustion Chamber*                  | 10 Years pro rata | 5 Years |
| All other parts                      | 5 Years           | 5 Years |

\* Combustion chamber: Full replacement costs in the first five years, reducing 20% per year thereafter

|                                   | Parts             | Labour  |
|-----------------------------------|-------------------|---------|
| <b>PALOMA GAS RADIANT HEATERS</b> |                   |         |
| Combustion Chamber*               | 10 Years pro rata | 3 Years |
| All other parts                   | 3 Years           | 3 Years |

\* Combustion chamber: Full replacement costs in the first five years, reducing 20% per year thereafter

Note: Above warranty applies for domestic applications only.

**Warranty enquiries: Ph: 131 031 Email: [warrantyenquiry@rheem.com.au](mailto:warrantyenquiry@rheem.com.au)**



### SALES OFFICE:

**Rheem Australia Pty Ltd** ABN 21 098 823 511  
CLIMATE SYSTEMS DIVISION

Sales enquiries: 132 522 or 1300 729 725  
Fax: 1300 554 821  
Website: [www.paloma.com.au](http://www.paloma.com.au)



**National service: 131 031**

### SERVICE & SPARES:

|                | Qld    | Syd/Canb   | Newcastle  | Vic  | SA   | WA   |  |
|----------------|--------|--|--|--|--|--|--|
| <b>Service</b> | Phone: | 07 3412 9280   | 02 9684 9280   | 02 4961 3515   | 03 9212 8900   | 08 8343 0000   | 08 9351 4238   |
|                | Fax:   | 07 3412 9254   | 02 9684 9188   | 02 4961 3117   | 03 9212 8955   | 08 8359 6002   | 08 9351 4601   |
|                | Email: | <a href="mailto:qld.service@rheem.com.au">qld.service@rheem.com.au</a> | <a href="mailto:nsw.service@rheem.com.au">nsw.service@rheem.com.au</a> | <a href="mailto:nsw.service@rheem.com.au">nsw.service@rheem.com.au</a> | <a href="mailto:vic.service@rheem.com.au">vic.service@rheem.com.au</a> | <a href="mailto:sa.service@rheem.com.au">sa.service@rheem.com.au</a> | <a href="mailto:wa.service@rheem.com.au">wa.service@rheem.com.au</a> |
| <b>Spares</b>  | Phone: | 07 3412 9202   | 02 9684 9282   | 02 4961 3515   | 02 9684 9282   | 08 8343 0044   | 08 9351 4290   |
|                | Fax:   | 07 3412 9219   | 02 9684 9392   | 02 4961 3117   | 02 9684 9392   | 08 8359 6003   | 08 9351 4614   |

DISTRIBUTED BY:

In keeping with our policy of continuous progress and product improvement, we reserve the right to make changes without notice. Heater colours shown in this publication are reproduced as accurately as the printing process permits.