

Paloma®

GAS SPACE HEATING



- Portable Gas Heating
- Flued Gas Space Heating

From



Paloma®

[portable] GAS HEATING



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



- **AS4553 Energy Efficiency Rating - 5.9 Stars**
- **Low Emission technology** – Paloma portable convection 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 usage** – 1 watt.
- **Dual Timers** – the heater can be set to operate automatically at two separate periods of the day – can be used as morning and evening timers.
- **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 both set temperature and room temperature are 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.



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.
- Overcurrent Safety System.
- Back Burner Protection.
- Unattended Appliance Shut Off Device – the heater shuts off after 8 hours continuous operation.
- Air Volume and Combustion Control.



Remote controller included

Specifications

MODEL		PJC-25FR	PJC-18FR	PJC-15FR
Type		Convection Heater	Convection Heater	Convection Heater
Gas Input (MJ/h)	High	25	18	15.5
	LPG	23	18	15
Gas Input (MJ/h)	Low	10	10	10
	LPG	8.2	8.2	8.6
Heater Output (kW)	NG	6.5	4.8	4.0
AS4553 Efficiency Star Rating	NG/LPG	5.9	5.9	5.9
AS4553 Emission Star Rating	NG	3.9	4.4	4.4
	LPG	3.6	3.6	3.8
Minimum Room Size	(m ³)	62.5	45	38.7
Max. Heating Capacity - Mild Climate	(m ²)	97	70	60
Gas Hose Length	(m)	3	1.5	1.5
Electrical Power Cord Length	(m)	3	3	3
Standby Electrical Consumption	(Watt)	1	1	1
Colour		Off White, Silver, Charcoal	Off White	Off White, Silver
Dimensions H x W x D (mm)	NG/LPG	494 x 531 x 242	494 x 531 x 242	494 x 531 x 242
Net Weight (kg)	NG/LPG	12.7	12.7	12.7

Model 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

Note: Before purchasing or installing unflued heaters check installation, ventilation and sizing requirements with your local and state authority. This product is not available in all regions. Please contact your Paloma dealer for more information.

Paloma®

flued

GAS SPACE HEATING



PRS-250

Paloma Flued Gas space heaters offer fully automatic, thermostatically controlled heating. These high efficiency heaters provide rapid winter warmth and their coaxial flue system ensures room air remains fresh.



- **AS4553 Energy Efficiency Rating - 4.8 Stars**

Paloma Flued Gas space heaters are rated 4.8 stars for superior energy efficiency, saving you money.

- **On/Off Operation** – one touch electronic ignition.
- **Dual Timers** – can be set to operate automatically at two separate periods of the day (can be used as morning and evening timers).
- **Low Standby Power Usage** – standby power consumption is just 1 Watt.
- **Economy Mode** – when Economy mode is activated the heater gradually reduces the room temperature by 1°C for every 30 minutes, up to 2°C. This change in temperature is hardly noticeable and increases the efficiency of the heater.
- **Preheat** – the heater automatically operates up to one hour prior to the programmed starting time, so the room is at the required temperature when required.
- **Timer Override** – allows you to manually override the preset program and operate the heater.
- **Adjustable Room Temperature** – when the heater is turned on, both the set temperature and room temperature are displayed on the screen. You can easily adjust the room temperature between 16°C & 26°C by using the arrows on the control panel.
- **Child lock function** – prevents accidental operation as well as children interfering with the controls.
- **Humidifier Tray** – the heater has a humidifier tray located behind the lower front cover. The humidifier tray can be filled with water to raise the humidity level in the room, making it feel warmer and more comfortable.
- **Vertical Louvre Adjustment** – the louvres on the heater can be adjusted to direct air flow in the required direction.



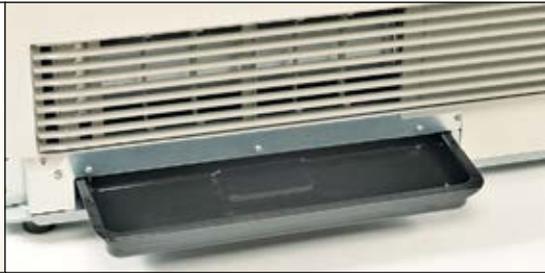
- **Standard Back Cover Spacer Kit** – is supplied with the heater at no extra cost and is attached to the rear of the heater.
- **Auto Timer Off Operation** – the auto off timer is standard for all models and can be activated so that the heater will automatically turn off after a preset time period.
- **Adjustable Legs** – the heater can be leveled using the four adjustable legs supplied.
- **Country of Manufacture** – Japan.

Inbuilt safety features:

- *Filter Clean Warning Device*
- *Flame Failure Device*
- *Overheat Safety Device*
- *Over-Current Safety System*
- *Back Burner Protection*
- *Air Volume and Combustion Control*



Control Panel



Humidifier Tray

Specifications

MODEL	PRS-250		
Application	Domestic		
Gas Input (MJ/h)	High	NG/LPG	23
Gas Input (MJ/h)	Low	NG/LPG	9
Heater Output (kW)	NG/LPG		5.3
AS/NZS 5263.1.3 Energy Star Rating	NG/LPG		4.8
AS/NZS 5263.1.3 Emission Star Rating	NG/LPG		6
Max. Heating Capacity (m ²)*	Very Cold		46
	Cold		54
	Cool		73
	Mild		84
Electrical Power Cord Length (m)	1.5		
Electrical Consumption (Watts)	High		45
	Low		27
	Standby		1
Humidifier Tray Capacity (L)	1		
Colour	Off White		
Coaxial Flue Pipe Diameter (mm)	50 x 75		
Thermostatic Control	16°C – 26°C		

MODEL	PRS-250
Dual Timers	Yes
Auto Off Mode	Yes
Preheat Function	Yes
Economy Mode	Yes
Override Function	Yes
Child Lock	Yes
Seven Stage Modulating Gas Valve	Yes
Blocked Filter Indicator	Yes
Lockable Control Panel	No
24VAC Terminal Block	No
Central Control Operation	No
Dimensions: H x W x D (mm)	610x760x257
Packaged Weight (kg)	31

*Refer to Heating Capacity Selection Chart.

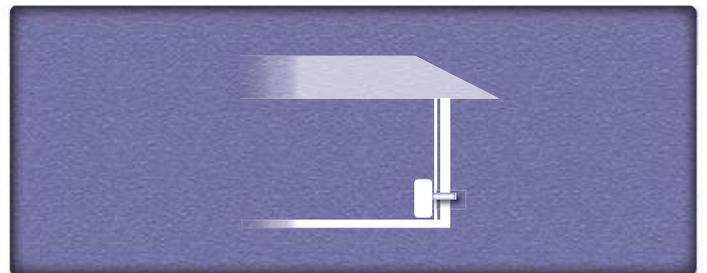
Model codes

Natural Gas	PRS-250N
LPG	PRS-250L

Flued Kits & Accessories

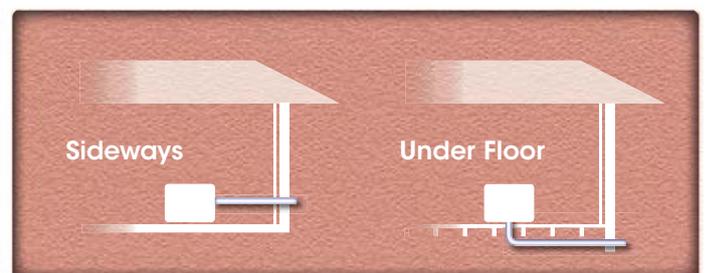
Direct Flue

KITS REQUIRED	QUANTITY	PART NUMBER
Standard Direct Flue Kit	1	PFK1000
If wall thickness is less than 230 mm add Wall / Ceiling Plate Kit PFK5500		



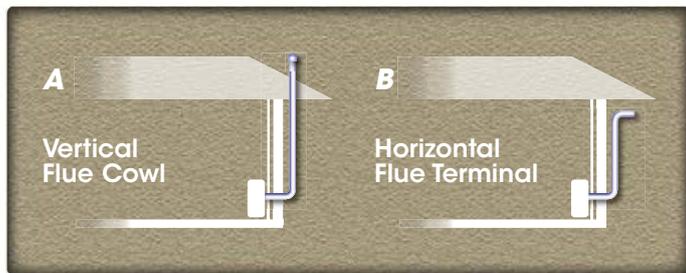
Sideways / Under Floor Flue

KITS REQUIRED	QUANTITY	PART NUMBER
Sideways / Under Floor Flue Kit	1	PFK3000
Includes Standard Direct Flue Kit (PFK1000) & 90 Deg Bend <i>See note 5</i>		
Extra Wide Back Cover Kit	1	PWSK001
Coaxial Flue Pipe Kit	<i>See note 2</i>	PFK4000
Coaxial 45° & 90° Bend Kit	<i>See note 3</i>	PFK5100



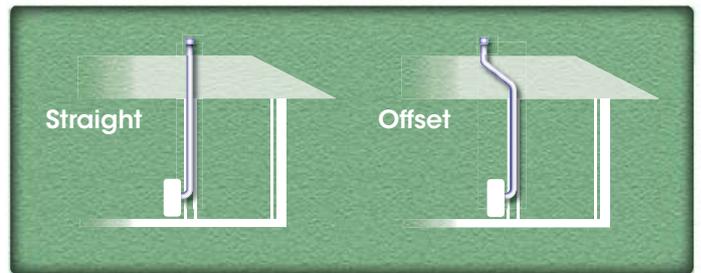
External Wall Flue

KITS REQUIRED	QUANTITY	PART NUMBER
Standard Direct Flue Kit	1	PFK1000
Condensate Trap Kit	1	PFK5000
Coaxial Flue Pipe Kit	See note 2	PFK4000
Coaxial 45° & 90° Bend Kit	See note 3	PFK5100
Wall / Ceiling Plate Kit	1	PFK5500
Vertical Flue Cowl Kit	1 (A only)	PFK5200



Vertical Internal Wall Flue

KITS REQUIRED	QUANTITY	PART NUMBER
Vertical Internal Wall Flue Kit:	1	PFK2000
Includes Manifold Assembly with 90 Deg Bend & Condensate Trap, 4 x Coaxial Flue Pipe (PFK4000), Vertical Flue Cowl Kit (PFK5200), Wall Box Assembly Kit, Top Plate bracket, Drain Tube, Clips & Screws See note 4		
Coaxial Flue Pipe Kit	See note 2	PFK4000
Coaxial 45° & 90° Bend Kit	See note 3	PFK5100



Accessories

- **Extra Wide Back Cover Spacer Kit PWSK001** – for Sideways and Under Floor installations you will require a Paloma Wider Back Spacer kit. Use only with PFK3000. PWSK001 is suitable for Paloma model PRS-250.
- **Flue Terminal Guard Assembly Kit PFK5300** – a Stainless Steel Flue Terminal Guard is available to prevent the public or children coming in contact with the flue terminal.
- **Wall Plate Foam Seal Kit PFK5700** – for external sealing of Wall Plate on uneven weatherboard/cladding surfaces.

Notes:

- 1 Maximum flue length for all flue configurations is 9 metres total.
- 2 PFK4000 - Coaxial flue pipe is 900 mm long – Order as many as required for installation.
- 3 PFK5100 - Kit has 2 X 45° bends. Use 2 X 45° bends for each 90° bend. A maximum of two 90° bends is permissible for flue systems that terminate horizontally (direct extended, sideways, underfloor & horizontal external wall configurations). A maximum of three 90° bends is permissible for flue systems that terminate vertically (vertical external wall & vertical in-wall configurations). Direct sideways configurations (as depicted) do not require any bends unless they are required to be offset.
- 4 PFK2000 – The use of a Vertical Internal Wall Flue kit will require an internal wall cavity depth of 90 mm (minimum).
- 5 Suitable for horizontal flue termination only. No vertical flue run is allowed. Condensation must drain to outside.

Paloma® - the right choice...

The Paloma Group is a privately owned company founded in 1911, and based in Nagoya, Japan. It is the leading world producer of gas appliances. Paloma has manufacturing sites and/or sales offices in Japan, China, USA, Canada, Mexico, Brazil, throughout Asia, Australia and New Zealand.

Rheem is Australia's favourite name in water heating, and the name Australians have trusted for generations, since commencing manufacture in Australia in 1939. Rheem now brings this expertise to room heating, with the Paloma range of quality gas heating products.

Paloma Gas space heaters are designed and manufactured by Paloma in Japan.

Quality & Warranty - Peace of Mind

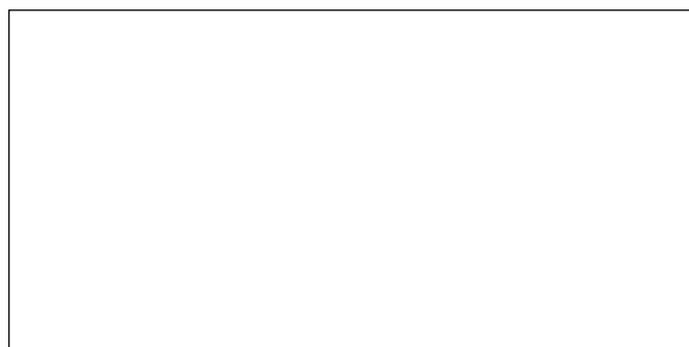
All Paloma space heaters are manufactured and tested prior to leaving the factory. They are certified to Australian safety standards and the quality of Paloma gas heaters is second to none. All Paloma Flued Gas space heaters are backed by a warranty - refer to our website for details.

Heating Capacity Selection Chart

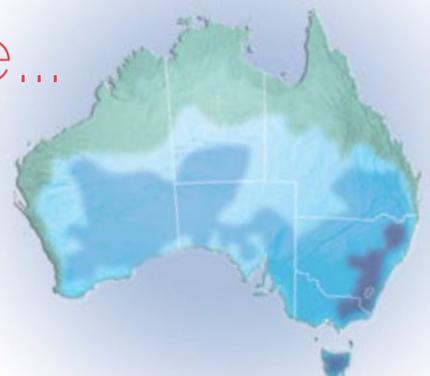
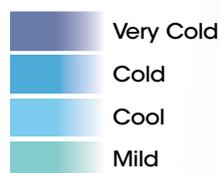
DESCRIPTION...	Very Cold	Cold	Cool	Mild
Max. Winter Daylight Temperatures...	Less than 10°C	10°C - 12°C	13°C - 15°C	16°C - 20°C
Heater Models	Approx. Heating Capacity - Area (m ²)			
Flued				
PRS-250	46	54	73	84
Portable				
PJC-W15FR, PJC-S15FR	33	39	53	60
PJC-W18FR	39	46	62	70
PJC-W25FR, PJC-S25FR, PJC-C25FR	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.



wherever
you are...



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.

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