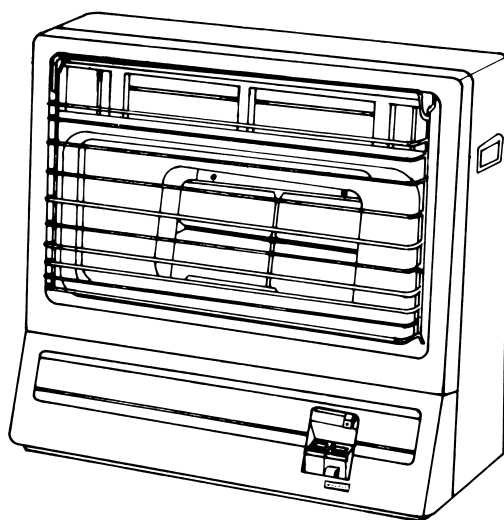


Rinnai

Cosyglow/Econoheat RE650PMS(H)/RE850PMS(H)

Unflued Room Heater

CUSTOMERS OPERATING INFORMATION AND INSTALLATION INSTRUCTIONS



Jewel Plaques



Tilt Switch



Oxygen Depletion Safety System

This appliance shall be installed in accordance with:-

Manufacturer's Installation Instructions

Local Gas Fitting Regulations

Municipal Building Codes

A.G.A. Installation Code for Gas Burning Equipment

Any other relevant Statutory Regulation

**This appliance must be installed, serviced and removed by an
Authorised Person.**



**The Australian
Gas Association**

Proudly a member of the AGA
All of our gas products are AGA
tested and approved.

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RINNAI GUARANTEE OF QUALITY

As a purchaser of a high quality Rinnai product we provide you with the following guarantee on your new Heater

	Free labour Period	Free parts Period
COMBUSTION CHAMBER	3 Years	10Years Pro-rata*
All other parts	3 Years	3 Years

* Combustion chamber full replacement parts cost in the first 3 years, reducing 15% per year thereafter.

The benefits conferred by this guarantee are in addition to all other rights and remedies in respect of the product which you have under the Trades Practices Act and other State and Territory laws.

This guarantee does not cover cleaning and normal wear and tear, calls of this nature may be chargeable.

APPROVAL

Your Heater has been approved by the Australian Gas Association

AGA Approval Numbers

RE650PMS(H)/Cosyglow: 4020

RE850PMS(H)/Econoheat: 4021

No parts or functions should be modified or permanently removed from the unit.

Please keep these instructions in a safe place for future reference.

FEATURES OF YOUR NEW HEATER

1. 11MJ/h input for the RE650PMS(H) Cosyglow, and 14MJ/h for the RE850PMS(H) Econoheat (Propane 15MJ/h)
2. Push button automatic ignition.
3. Two setting burner, half and full.
4. Jewel cut burner for quick heat up and attractive appearance.
5. Flame failure device which cuts the gas off, should the flame be extinguished.
6. Oxygen depletion sensing system, which cuts the heater off if the oxygen in the room falls below a predetermined level.
7. Tip over switch which cuts the gas off if the heater is knocked over.
8. Complete with 1.5 metre approved gas hose, ready to plug into your bayonet connection.

INSTALLATION

The installation of this heater must conform to Local Regulations. Check with your Local Gas Authority or Supplier if you are unsure of the regulations.

The room where your heater is installed must be correctly ventilated.

THERE ARE MINIMUM ROOM SIZE REGULATIONS FOR UNFLUED HEATERS

THE RE650PMS MUST NOT BE USED IN A ROOM SMALLER THAN 55M³ (Cosyglow) (W.A. 27.5M³)

THE RE850PMS MUST NOT BE USED IN A ROOM SMALLER THAN 75M³ (Econoheat) (W.A. 37.5M³)

GUARANTEE INFORMATION

Please record below:-

Your Retailer:

Address:

Phone:

Date of Purchase:

There is no need to post this guarantee back to Rinnai. Simply keep it in a safe place as your record.

SERVICE

Rinnai Australia has a service and spare parts network in all states. Our service network personnel are fully trained and equipped to give the best service on your Rinnai appliance. If your appliance needs service, please ring one of the service contact numbers on the back of this booklet.

Rinnai recommend that this appliance be serviced every 2 years.

CARE OF YOUR HEATER

Your heater needs very little maintenance, but the following will help you to keep it looking good and working efficiently.

Oxygen Depletion Sensor

Annual cleaning of the oxygen depletion sensor is recommended, this should be carried out by Rinnai or your Agent.

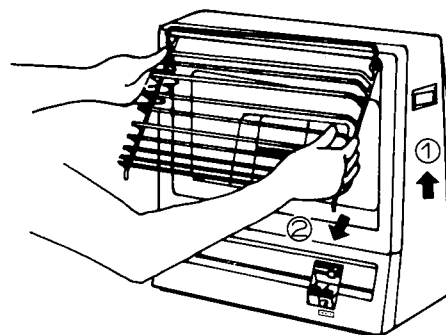
Outer Case

The outer case of the heater should be cleaned with a soft, damp cloth. Do not use solvents. Do not use aerosol polishes to clean the casing whilst the heater is in operation.

To clean the reflector, the dress guard may be removed as shown in the diagram. Turn heater off and allow to cool before removing guard.

**ALWAYS REPLACE AFTER CLEANING.
NEVER OPERATE THIS HEATER WITH
THE DRESS GUARD REMOVED.**

DO NOT touch dress guard while the appliance is in operation.



Do not connect to an LPG Gas cylinder indoors.

Do not place articles on or against this appliance.

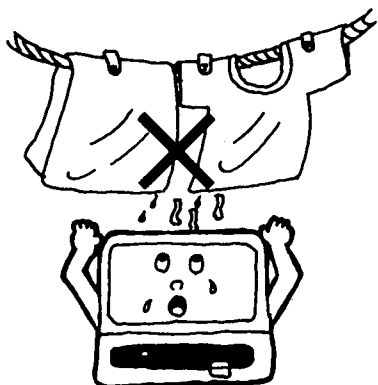
Do not use or store flammable materials near this appliance.

Do not clean plastic parts with solvents; use a soft, damp cloth.

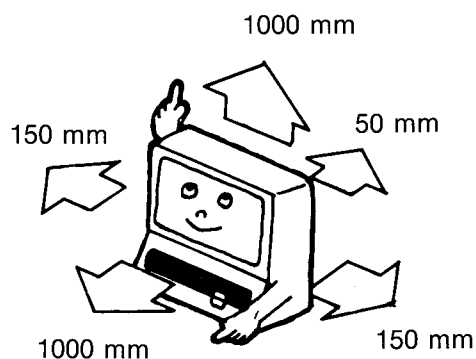
The guard on this appliance conforms to AGA requirements. It is designed to prevent risk of fire or injury from burns, and no part of it should be permanently removed. IT DOES NOT GIVE FULL PROTECTION TO YOUNG CHILDREN OR THE INFIRM.

IMPORTANT POINTS

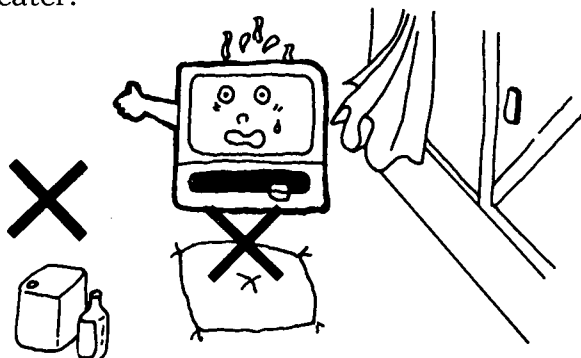
Do not use for any purpose other than heating.



These clearances should be maintained at all times.

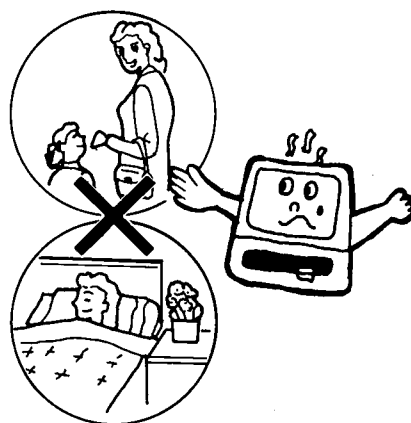


Do not allow curtains or other flammable materials to come into contact with the heater.

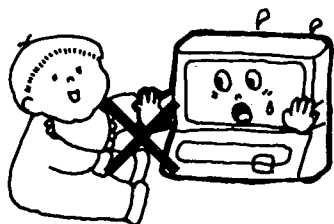


Do not store flammable products near the heater. Combustible materials must not be placed where the heater could ignite them.

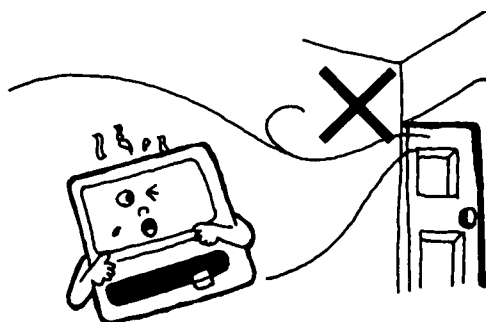
Do not leave this unit alight when you leave the house. Turn off before sleeping.



Supervise children near heater.

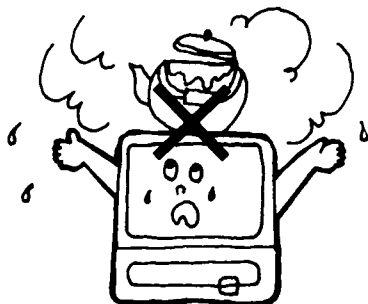


Don't install this heater in usually windy locations.



IMPORTANT POINTS

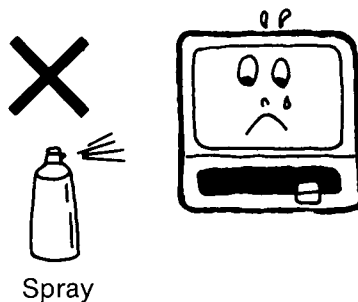
Do not place any articles containing liquid on top of the heater.



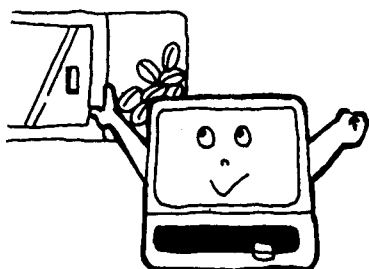
Don't spray aerosols on the unit whilst it is in operation.

Most aerosols contain butane gas, and can be a fire hazard if used near this heater when it is in use.

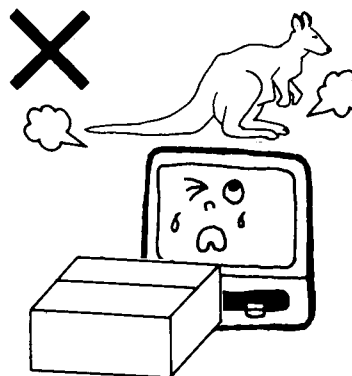
Use of aerosols, paint, polishes, etc. while this heater is in use may cause unpleasant smells.



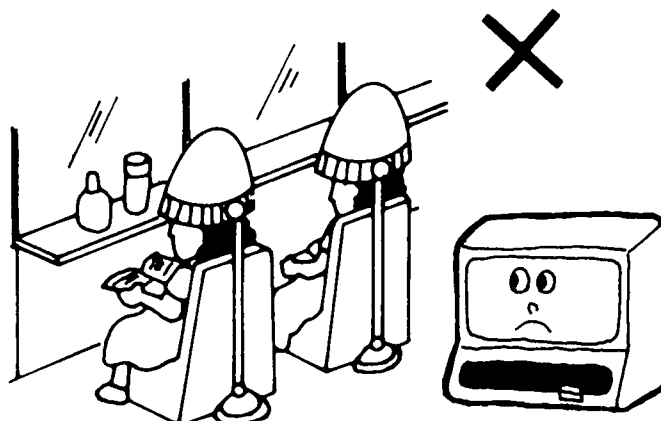
The room must be ventilated when this heater is in use.



Do not place articles on or against the heater.



Do not use this heater in areas where spray painting is taking place or in areas such as hairdressers where there may be lot of fluff and dust and where aerosols may be used.



PRE-SERVICE CHECK LIST AND FAULT FINDING

Please check this fault finding chart before asking for a service call.

You may be able to overcome the problem without a service call, or the unit may be operating normally.

Service calls to a unit which is operating normally may be chargeable, even when the unit is under guarantee.

PROBLEM CAUSE	NO IGNITION OR DIFFICULT TO IGNITE	BURNER GOES OUT WHEN CONTROL IS RELEASED	SLOW CROSS LIGHTING	NOISY IGNITION	BURNER GOES OUT DURING OPERATION	BURNER DOES NOT GLOW PROPERLY	FLAME OR SOOTING FROM BURNER	ROOM TEMPERATURE DOES NOT INCREASE	STRANGE NOISES	REMEDY
AIR IN HOSE	●		●							REPEAT IGNITION
INCORRECT GAS PRESSURE	●		●	●		●	●	●	●	SERVICE CALL
ELECTRODE DIRTY	●									SERVICE CALL
DIRTY THERMOCOUPLE		●			●					SERVICE CALL
IGNITION METHOD INCORRECT	●									READ INSTRUCTIONS
NOT HOLDING CONTROL LONG ENOUGH		●								READ INSTRUCTIONS
HIGH TENSION CORD DISCONNECTED	●									SERVICE CALL
SAFETY DEVICE OPERATING		●			●					CHECK FIRST, THEN SERVICE CALL
FAULTY IGNITOR	●									SERVICE CALL
FAULTY SAFETY DEVICE		●			●					SERVICE CALL
ROOM TOO BIG OR UNDERSIZED HEATER								●		CONTACT RETAILER
ROOM TOO SMALL OR INSUFFICIENT VENTILATION					●					CHECK VENTILATION AND ROOM SIZING
FLAT BATTERY	●	●								REPLACE BATTERY
GAS TURNED OFF AT METER	●									TURN GAS ON

If you are unsure about the way your heater is operating, contact Rinnai or your agent.

INSTALLATION INSTRUCTIONS

Specifications: See back cover of this instruction.

UNPACKING

Never lift the heater out of the carton by top louvres.

Check for damage, if unit is damaged contact supplier or Rinnai for advice.

BEFORE USING THE HEATER

Check unit supplied is correct for gas type in your area.

Refer to local Gas Authority for confirmation of gas type if in doubt.

Check room size and ventilation

This heater must not be installed in a room smaller than:

RE650PMS(H) (Cosyglow) 57.5 m³

RE850PMS(H) (Econoheat) 70.5 m³

Fixed ventilation must conform to local regulations.

Number and position of vents is for illustrative purposes only. For more information on ventilation please refer to our Rinnai Web Site

www.rinnai.com.au

DO NOT install in a bedroom or bathroom.

The bayonet plug on the factory fitted flexible hose simply plugs into your bayonet fitting.

For the RE650PMS(H) H x W x D must equal or exceed 57.5 m³

—For example: if room is L 5.8m x W 5 m x H 2.4 m the volume will be 57.5 m³

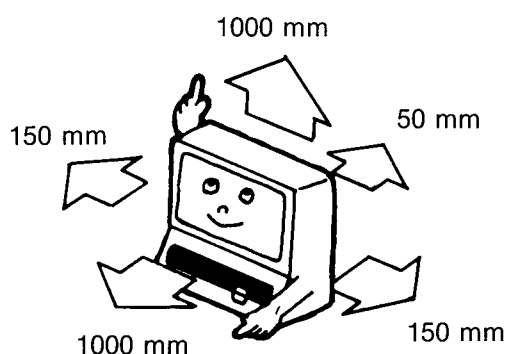
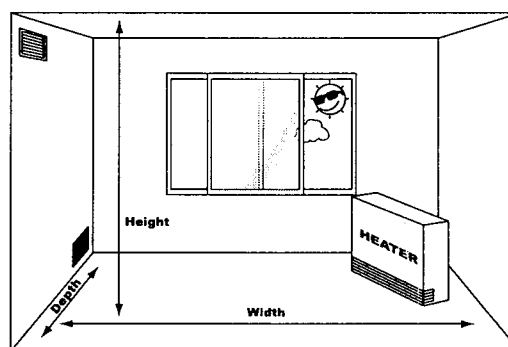
For the RE850PMS(H) H x W x D must equal or exceed 70.0 m³

—For example: if room size is L 4.9 m x W 6 m x H 2.4 m the volume will be 70.5 m³

This heater must not be installed where curtains or other combustible materials could come into contact with it. In some cases curtains may need restraining.

Other clearances are shown in the diagram.

This heater is not designed to be built in.



CONNECTGAS

FOLLOW IGNITION
INSTRUCTIONS

CUSTOMERS OPERATING INFORMATION

For trouble free operation, please read the following information carefully.

For your convenience your new heater has push button/slide control.

All necessary adjustments to the operation of your heater can be made with these controls.

IGNITION

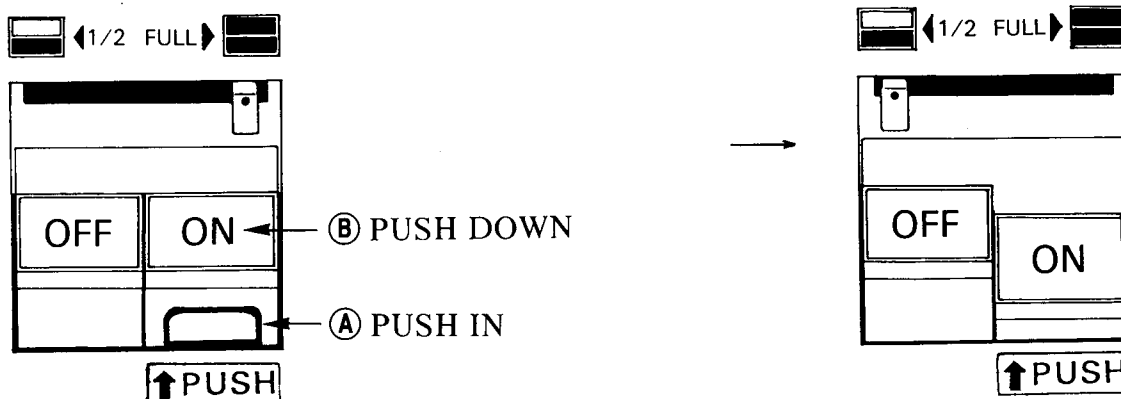
CONNECT GAS



Room must be ventilated
when this heater is in use.

Your new Rinnai heater has a convenient push button, battery ignition system. To turn the unit on, simply push button ① in, then push button ② down, and hold. Make sure the burner is lit before releasing the ON button, ②. (Usually 5 to 10 seconds)

The heater can be lit at either FULL or HALF setting.

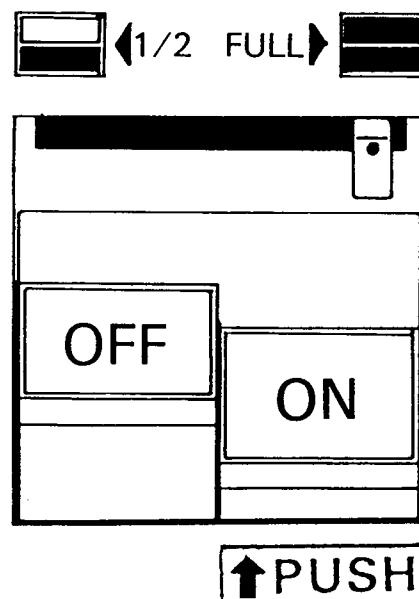
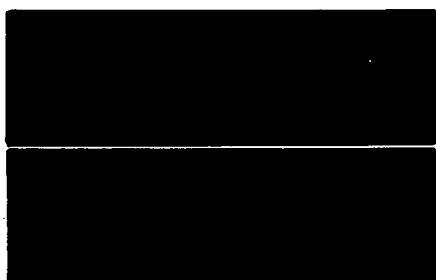


MAIN BURNER SETTINGS

Your heater has 2 burner settings — FULL and HALF. To change from FULL to HALF, simply slide the burner setting knob to the appropriate position.

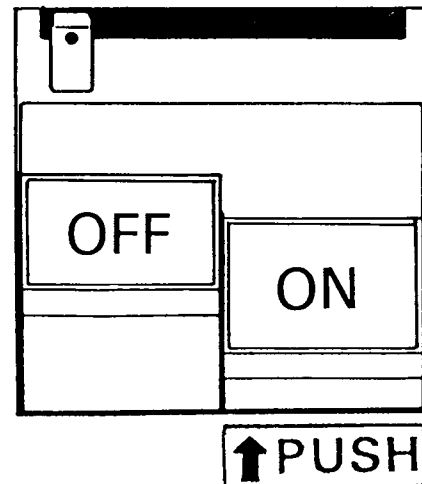
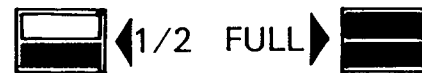
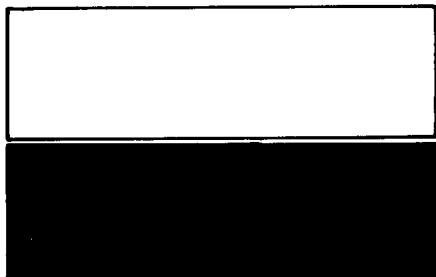
FULL ON

Simply slide the control to the 'FULL' position after ignition.



TO DECREASE THE HEAT

Slide the control to the 'Half' position. This will leave only the bottom part of the burner alight.



TO INCREASE HEAT

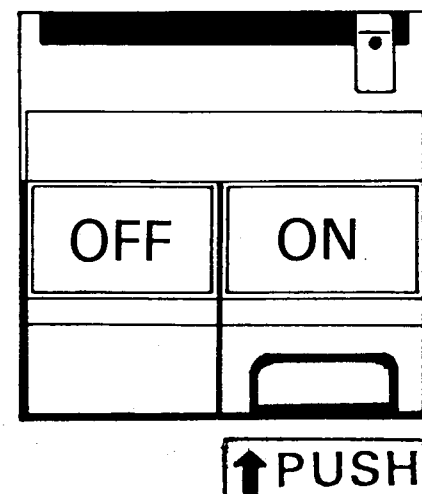
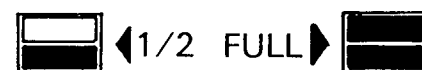
Slide the control from the 'Half' to the 'FULL' position, the top part of the burner will light automatically.

PILOT BURNER

The pilot burner permanently stays on while the main burner is on.

TO TURN THE UNIT OFF

Push the OFF button. The unit turns itself off.



SAFETY DEVICES

Flame Failure Device

This device automatically cuts the gas supply to the heater in the event of a gas failure. To restore the supply to the heater, turn it off, then follow the ignition procedure.

Oxygen Depletion Safety Device

If the Oxygen level in the room drops below a pre-set limit, this device cuts the gas supply to the heater. If the Oxygen Depletion device operates, turn the heater off, ventilate the room, then follow the ignition procedure to relight. Heater will not relight until room is fully ventilated.

Tilt Switch

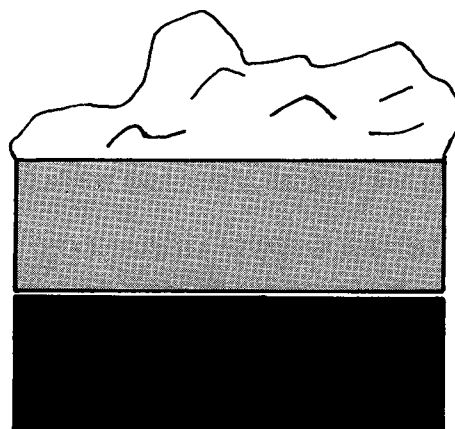
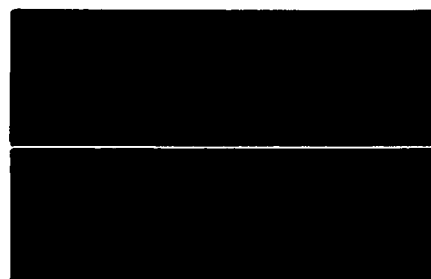
If the heater is knocked over, the tilt switch will cut the gas supply. To restore the supply, stand the heater up and follow the ignition procedure. The tilt switch may also operate if the heater is jolted or picked up whilst in operation.

PERIODIC CHECK

The tiles should glow evenly (it will take a few minutes of operation for them to reach full, even brightness).

There should be no abnormal after burning or yellow flames.

If in doubt about your heater's operation, contact Rinnai Australia, or your agent.



SPECIFICATIONS

Rinnai RE650PMS(H) / Cosyglow

TYPE:	Radiant Convections type heater
INPUT:	N.G. - 11.5 MJ/h · TG / Propane - 11 MJ/h
GAS CONTROL:	Integrated one touch Rinnai gas cock
TEST POINT PRESSURE:	N.G. 1.0 kPa, TG 0.58 kPa, Propane 2.70 kPa
INJECTORS:	See data plate on the rear of the heater.
DIMENSIONS:	Width 440 mm, Height 403 mm, Depth 240 mm
BATTERY:	Size'D'×1 at the rear of the unit

Rinnai RE850PMS(H) / Econoheat

TYPE:	Radiant Convections type heater
INPUT:	N.G.-14 MJ/h · TG-14.5 MJ/h · Propane-15 MJ/h
GAS CONTROL:	Integrated one touch Rinnai gas cock
TEST POINT PRESSURE	N.G. 0.93 kPa, TG 0.58 kPa, Propane 2.7 kPa
INJECTORS:	See data plate on the rear of the heater.
DIMENSIONS:	Width 506 mm, Height 410 mm, Depth 240 mm
BATTERY:	Size'D'×1 at the rear of the unit


Rinnai are continually updating and improving products, therefore specifications are subject to change without prior notice.

SERVICE CONTACT POINTS

Rinnai

Rinnai Australia Pty. Ltd.
ACN 005 138 769
ABN 74 005 138 769

10-11 Walker Street
Braeside VIC 3195

 Helpline : 1300 366 388

Sales / Service: Facsimile : (03) 9271 6611

Mon-Fri (8.30am to 5.30pm EST)
Cost of a local call. Higher from mobile or public phones.

Internet : www.rinnai.com.au
email : enquiry@rinnai.com.au

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modifications and change specifications without notice.



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