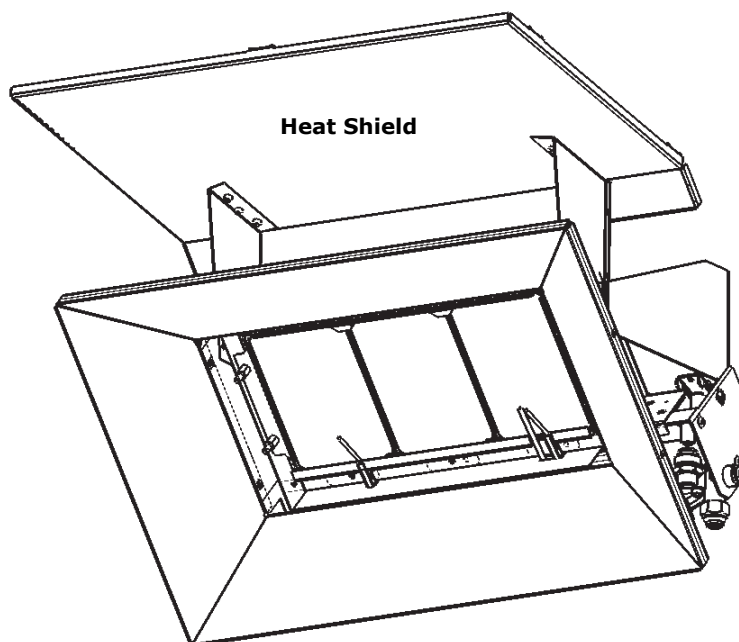


Installation Instructions



Suitable for:

- all Rinnai Super Ray W-Series (WMA, WEA and WFA) radiant heaters

Not suitable for Outdoor Super Ray models as these already have an in-built heat shield.

Heat shield must be fitted to the Super Ray heater prior to installation.

Must be installed, commissioned and serviced by a licensed tradesperson in accordance with all applicable local rules and regulations.

Installer, please leave this manual with the customer.



LIMITED WARRANTY

Rinnai brings you peace of mind
with a 2 year minimum warranty.

TERMS AND CONDITIONS

1. During the 24 month period from date of purchase and subject to clauses 2 and 3 below, Rinnai New Zealand Limited ("Rinnai") will, at its own discretion, either replace or repair any defective product at no charge to the customer.

3. This warranty commences from the date of purchase. Proof of purchase is required at the time of any warranty claim.

2. This warranty covers manufacturing defects only. This warranty will not apply if (for example) the product has been improperly installed or is otherwise installed contrary to manufacturer's recommendations, or has been subjected to damage or abuse beyond that expected from conditions of normal use.

The company is constantly improving its products and as such specifications are subject to change or variation without notice.

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

RECORD AND ATTACH YOUR PROOF OF PURCHASE BELOW:

Your Retailer: _____

Name: _____

Address: _____

Telephone: (_____) _____

Date of Purchase: _____ / _____ / _____

Rinnai

Contents

Limited Warranty	2
About the Super Ray Heat Shield	4
Before Installation	5
Kit Contents	5
Assembling the Heat Shield	6
Fitting the Heat Shield to the Heater	7
Customer Contacts	8

About the Super Ray Heat Shield

The Rinnai Super Ray heat shield acts a deflector/insulator when fitted to a Super Ray W-Series heater. This has the benefit of reducing ceiling clearances, giving the owner flexibility about where the Super Ray heater can be positioned.

For example:

The ceiling clearance for a Rinnai Super Ray WMA 16 reduces from 1 m to 0.5 m with a heat shield installed.

Constructed from stainless steel and heat resistant insulator board.

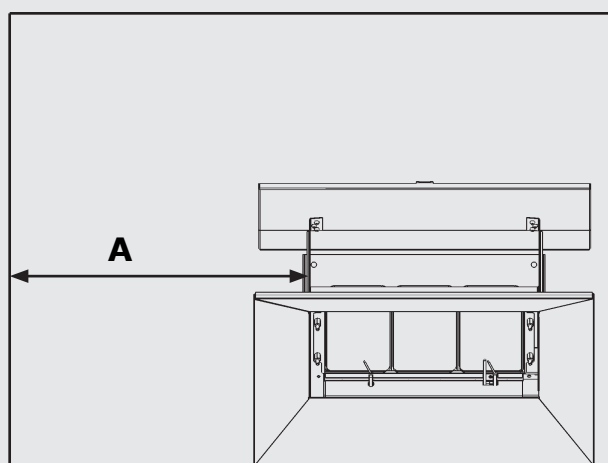
Heater Clearances with the use of a Super Ray Heat Shield

Super Ray W-Series Model	Minimum Clearance from Wall Bracket to Side Wall (A)	Minimum Clearance from Wall Bracket to Ceiling (B)
16	1 m	0.5 m
24	1 m	0.6 m
40	1 m	0.6 m
48	1 m	0.6 m



Installer, please check wall and ceiling temperatures once fitted. Temperatures not to exceed 65 °C above ambient as stated in NZS 5261/AS5601.

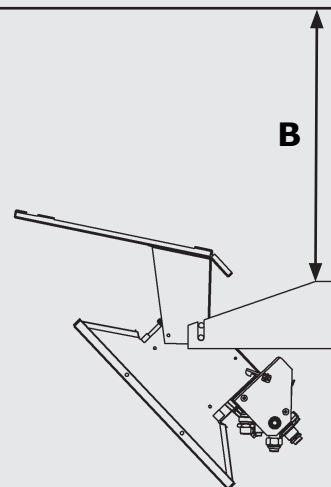
Front View - Side Wall Clearance



Installer, please note:

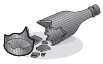
Due to heat being deflected down and out, side clearance extends to 1 m. This differs to the side clearance of a Super Ray without a heat shield which is 0.5 m.

Side View - Ceiling Clearance



Angle of deflector is fixed and must not be altered. This is a safety feature.

Before Installation



Check for damage. DO NOT install any damaged items.

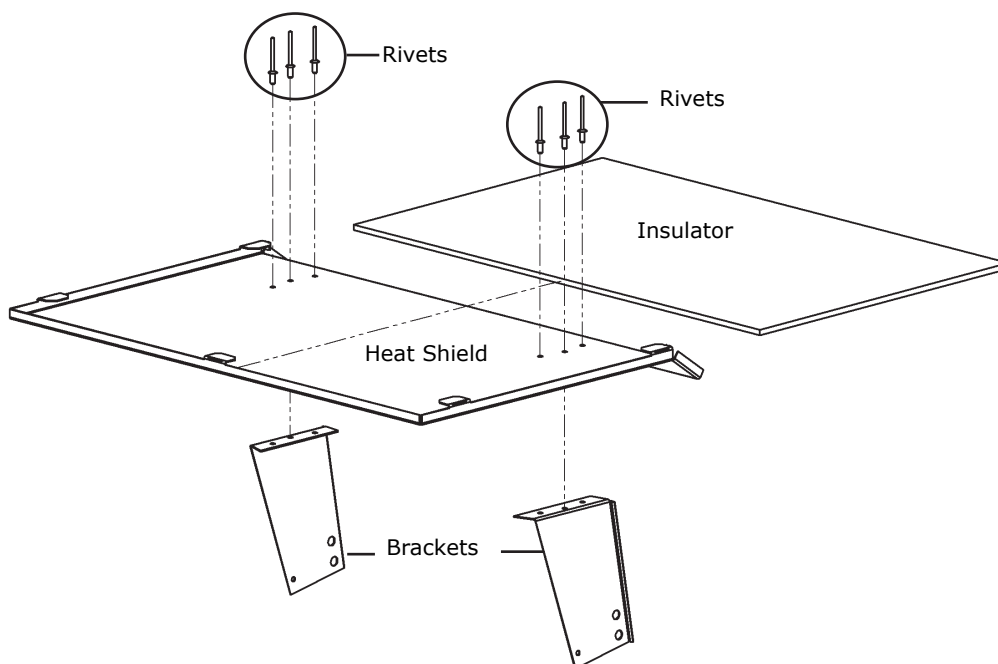


Check all components have been supplied, refer kit components below.



Read these instructions to get an overview of the steps required before starting.

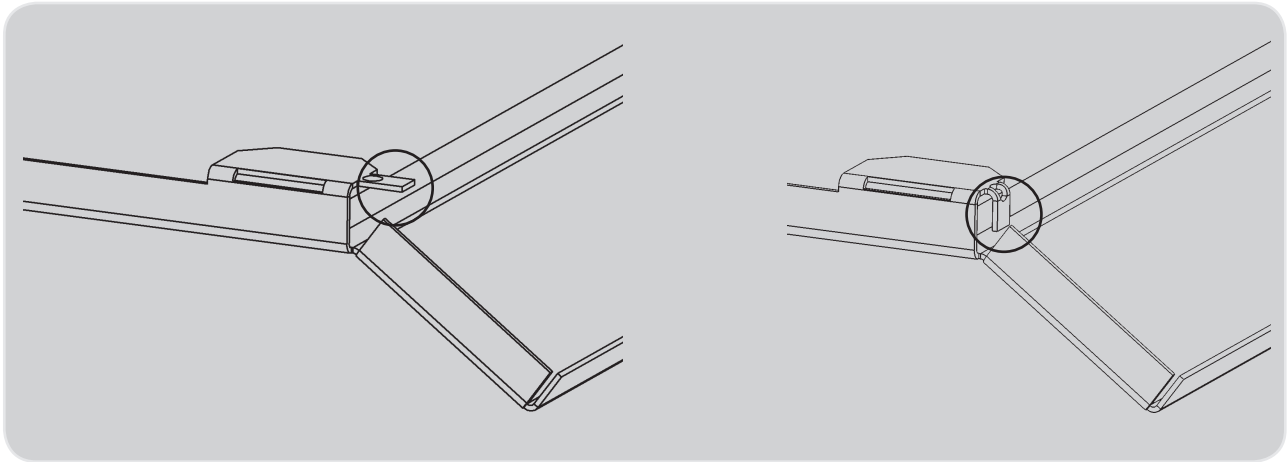
Kit Contents



Assembling the Heat Shield

1. Remove the insulator panel by sliding it out.
2. Remove plastic protective film from shield and brackets.
3. Use the supplied pop rivets to attach the brackets to the shield. Make sure the heads of the rivet are on the top of the shield facing the insulator.
4. Replace the insulator panel to its original position.
5. Bend the retainer tabs down to hold the insulator in place.

Bending Rear Retainer Tabs - Open to Closed

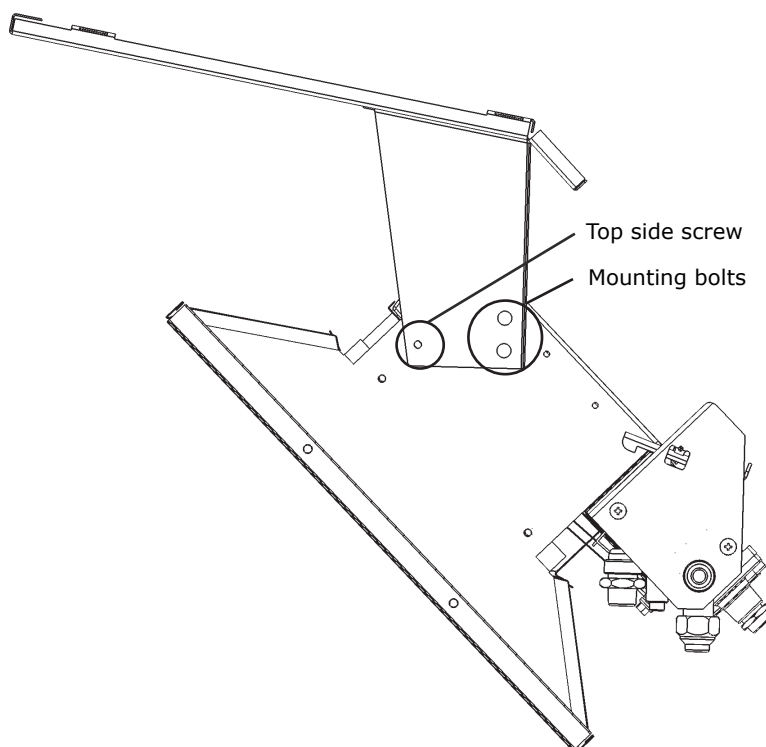


Fitting the Heat Shield to the Heater

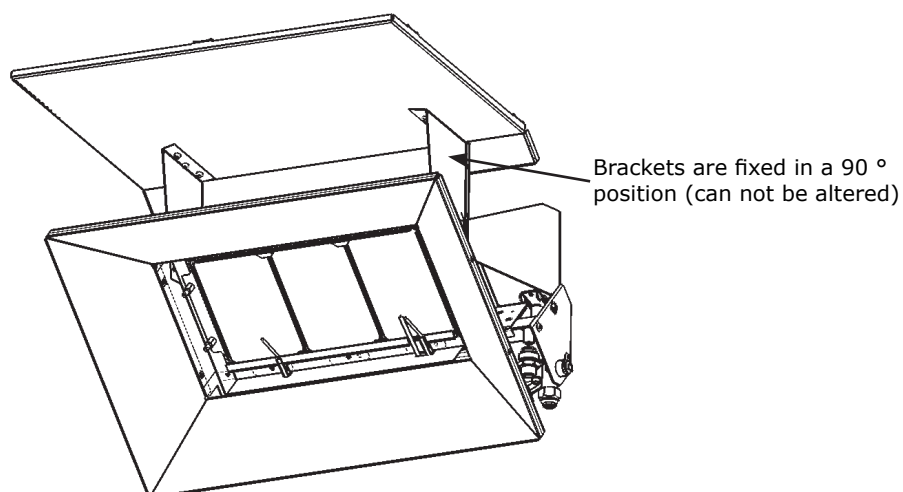
Heat shield must be fitted to the Super Ray heater prior to installation.

1. Remove mounting bolts on either side of the heater.
2. Remove top side screw on either side of the heater.
3. Secure the assembled heat shield to the heater using the original mounting bolts and top side screw.

Screw and Bolt Locations



Front View of Fitted Heat Shield





Consumers:	0800 RINNAI (746 624)
Installers:	0800 TO RINNAI (86 746 624)
Address:	105 Pavilion Drive, Airport Oaks, Mangere, Manukau PO Box 53177, Auckland Airport, Manukau 2150
Phone:	(09) 257 3800
Fax:	(09) 257 3899
Email:	info@rinnai.co.nz
Websites:	www.rinnai.co.nz and www.rinnai-tradesmart.co.nz