



## Solar Hot Water

# Rinnai

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# Rinnai Solar Water Heating Products Warranty

## Warranty Terms

The benefits conferred by this warranty are in addition to all other rights and remedies in respect of the product which you have under the Trade Practices Act and similar State or Territory Laws.

Given installation and application is in accordance with the manufacturer's specifications and instructions, Rinnai water heaters and components are warranted by Rinnai for the cost of labour and components in the event of defects arising from faulty materials and/or workmanship in accordance with the Warranty Terms in Tables 1, 2, 3, 4 and 5, Definitions, Warranty Conditions and Exclusions stated in this document.

**TABLE 1 - SOLAR HOT WATER SYSTEMS**

Solar Hot Water Systems		Solar Compatible Continuous Flow Water Heaters - Models S20 and S26 and other models converted by Rinnai for Solar applications <sup>(1) (3)</sup>		Storage Cylinders		Solar Collectors	Components <sup>(2)</sup>
		Heat Exchanger	All other components	Vitreous Enamel (Glass) Lined Sunmaster Range	Stainless Steel Prestige	Enduro Equinox Excelsior E-Frost	
Domestic Use	Parts	10 Years	3 Years <sup>(4)</sup>	5 Years	10 Years	7 Years	1 Year <sup>(4) (5)</sup>
	Labour	3 Years	3 Years	3 Years	3 Years	1 Year	1 Year
Commercial Use	Parts	5 Years	1 Year	1 Year	5 Years	5 years	1 Year
	Labour	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year

(1) The continuous flow models in this column are suitable only for solar hot water applications. Any failure or service issue when installed in a non solar hot water application is not covered by warranty. (2) Components include pumps, system controllers, sensors, thermostats, valves, electric heating elements and anodes where applicable. (3) Rinnai Infinity 26 Internal, HD200i, HD200e and HD250e models can be converted for solar applications by Rinnai by order request. (4) For Victorian installations only - 5 Year warranty on the solar circulating pump, solar controller and components within the continuous flow water heater in order to comply with State legislation. (5) For Queensland installations only - 2 Year warranty on the solar circulating pump in order to comply with State Government legislation where applicable.

# Definitions

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## **Domestic Use:**

The warranty periods that are allocated under “Domestic Use” are based on hot water usage patterns of a typical family.

### **Rinnai “Domestic Use: warranty periods apply to:**

1. Water heaters installed to supply heated water to domestic dwellings.
2. Water heaters installed to supply heated water to commercial installations such as motel units, hotel rooms, caravans, mobile homes, nursing homes, retirement village complexes and other care institutions and like accommodation provided that maximum delivery temperatures do not exceed 70°C and that the hot water systems are not installed as component(s) of centralised bulk hot water systems and the installation does not incorporate building flow and return systems (not including Smartstart®).

## **Commercial Use:**

The warranty periods that are allocated under “Commercial Use” are for applications other than domestic use and include premises such as commercial and industrial buildings, cafes, caravan parks and sporting complexes, but not limited to these.

### **Rinnai “Commercial Use” warranty applies to:**

1. Water heater(s) supplying central shower blocks.
2. Water heater(s) supplying kitchens used for the bulk preparation of food.
3. Water heater(s) delivery temperatures pre-set to exceed 70°C
4. Water heater(s) used in commercial or industrial heating processes.
5. Water heater(s) used in hydronic space heating installations.
6. Any application that uses Rinnai water heater(s) in conjunction with building flow and return systems (not including Smartstart®).
7. Water heater(s) installed as component(s) of centralised bulk hot water system(s).

## Warranty Conditions

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1. All terms of this warranty are effective from date of installation of the hot water system and the attending service person reserves the right to verify this date by requesting a copy of the certificate of compliance prior to the commencement of any warranty work. Certificates of compliance must be issued by the installer by law in all States and Territories of Australia.
2. All Rinnai water heating components must be installed, commissioned, serviced, repaired and removed in accordance with the manufacturers installation instructions, current AS 3000, AS 3500, AS 5601, local regulations and municipal building codes by persons authorised by local regulations to do so.
3. All Rinnai water heaters must be operated and maintained in accordance with manufacturers operating instructions.
4. Any inspection, service, repair or replacement activities associated with warranty on Rinnai products must be authorised by Rinnai Australia before commencement.
5. The warranty applies only to the components supplied by Rinnai. It does not apply to components supplied by others, such as pressure limiting valves, isolating valves, non return valves, electrical switches, pipework, electrical cables and fuses, but not limited to these.
6. Where the appliance has not been sited in accordance with the installation instructions or installed such that normal service access is difficult, a service charge will apply. If at the discretion of the attending service person, access is deemed dangerous, service will be refused. Any work required to gain reasonable access to the appliance will be chargeable by the attending service person (for example, removal of cupboards, doors, walls, or the use of special equipment to move components to floor level, but not limited to these).
7. Where a failed component is replaced under warranty, the balance of the original appliance warranty will remain effective. The replacement part or appliance does not carry a new warranty.
9. Rinnai reserve the right to have the installed product returned to the factory for inspection.
9. This warranty applies to water heaters connected directly to a reticulated water supply from a government water utility. This warranty does not apply to water heaters connected to any alternative water supplies if the water chemistry and impurity levels of alternative water supplies exceed the limits specified in Table 2. Examples of alternative water supplies include private bore water, water from private dams and water supplied from a reticulated water supply but where the water chemistry is deliberately altered before supplying the water heater.

**TABLE 2 - WATER CHARACTERISTICS**

<b>Rinnai water heater system type</b>	<b>Total Dissolved Solids (TDS) <sup>(1)</sup></b> mg/Litre or ppm	<b>Hardness (as CaCO<sub>3</sub>)</b> mg/Litre or ppm	<b>Saturation Index (Langelier)</b>	<b>pH</b>	<b>Dissolved CO<sub>2</sub></b> mg/Litre or ppm	<b>Chlorides</b> mg/Litre or ppm
All Gas Boosted Solar Systems	600	200	+0.4 to -1.0 @ 65°C	5.5 to 9.5	18	300
All Electric Boosted Solar Systems	600	200	+0.4 to -1.0 @ 65°C	5.5 to 9.5	Not Applicable	300

(1) For systems incorporating 'Sunmaster' storage cylinders only - TDS levels up to and including 600mg/litre the Rinnai magnesium based anode is to be used. This is the anode fitted during manufacture of the cylinder. For TDS levels greater than 600mg/litre and not exceeding 2500mg/litre the Rinnai aluminium based anode is to be used. This anode can be fitted by Rinnai or an authorised person. This warranty does not apply if the TDS exceeds 2500mg/litre.

## Warranty Exclusions

The following exclusions apply to Rinnai Solar water heating systems and components. They may cause the warranty to become void and will result in a service charge and costs of parts (if required):

### All States and Territories

1. Accidental damage and acts of God.
2. Failure due to abuse or misuse, improper maintenance or failure to maintain
3. Failure due to incorrect or unauthorised installations.
4. Failure, damage and associated costs resulting from product alterations, service or repair work not authorised by Rinnai.
5. Where it is found that there is no fault with the water heater and the issues is related to the plumbing installation or is due to the failure of water, electric or gas supplies or corrosive atmosphere.
6. Where the water heater has failed directly or indirectly as a result of excessive water pressure, negative water pressure (partial vacuum) or water pressure pulsation.
7. Operating the water heater and components when not completely filled with water.

- 8.** Subject to any statutory provisions to the contrary, Rinnai does not accept:
  - a.** claims as a result of the effects of sludge and sediment due to connection to a water supply from unfiltered sources such as a spring, dam, bore, river, or entry of sludge and sediment into the water supply for any other reason. Liability for consequential damage or any incidental expenses resulting from any breach of the warranty,
  - b.** claims for damage to walls, foundations etc. or any other consequential loss either directly or indirectly due to water leakage from the appliance, fire emanating from the appliance or any other faults, and
  - c.** liability for consequential damage or any incidental expenses resulting from any breach of the warranty.
- 9.** Labour costs incurred due to a Rinnai Service person or service agent performing checks which should have been carried out by the customer in accordance with the Customer Instructions and where no defect is found.
- 10.** Glass breakage on solar collectors for any reason. This type of damage should be included in the home owner's insurance policy.
- 11.** All frost damage of split systems using E-Frost collectors where electric power supply failure results in the Rinnai Frost Protection System being unable to operate when required.
- 12.** All frost damage of split systems using E-Frost collectors where failure of the pump or controller outside of the warranty term, results in the Rinnai Frost Protection System being unable to operate when required.
- 13.** Any failure of a Solar compatible continuous flow water heater installed in a non solar water heating application.
- 14.** All frost damage where E frost collectors are used with non-pumped (eg: Close Coupled and Roofmaster) solar hot water systems.
- 15.** All frost damage where E-Frost collectors are used where the controller is not set to "low temperature" mode.
- 16.** All warranty if any Rinnai components are used in non Rinnai water heating systems. Examples include (but not limited to):
  - a.** The use of Rinnai solar collectors in conjunction with storage cylinders, solar pumps, gas or electric boosters, solar control systems, associated plumbing hardware and any other components supplied and/or specified by others.
  - b.** The use of Rinnai solar gas boosters in conjunction with storage cylinders, solar pumps, solar control systems, associated plumbing hardware and any other components supplied and/or specified by others.This exclusion does not apply if the specifications of the complete non Rinnai water heating system and subsequent warranty terms and conditions have been agreed to in writing by Rinnai Australia Engineering & Technical Group.

## All States and Territories except VIC, NSW and ACT

1. All frost damage unless suitable frost tolerant collectors (Equinox, Excelsior FTC or E-Frost) have been fitted.
2. All frost damage of systems fitted with Equinox or Excelsior FTC collectors if failure occurs as a result of the minimum temperature falling below -6°C. Climate information on the Commonwealth Bureau of Meteorology website\* contains historical minimum temperature data and will be used by Rinnai to confirm the cause of failure.
3. All frost damage of systems fitted with E-Frost collectors if failure occurs as a result of the minimum temperature falling below -12°C. Climate information on the Commonwealth Bureau of Meteorology website\* contains historical minimum temperature data and will be used by Rinnai to confirm the cause of failure.

\*(<http://www.bom.gov.au>)

## VIC, NSW and ACT Only

For all installations the following 'fit for purpose' conditions apply:

1. No warranty against damage caused by frost or freezing on any solar system in Alpine areas shown in Table 3. Any damage caused by frost or freezing of Rinnai solar systems in these areas is at 'own risk'.
2. Warranty of Rinnai solar systems against damage caused by frost or freezing is dependent on the appropriate being installed in listed areas as determined by postcode. These are detailed in Table 4 and 5.

**TABLE 3**

List of Alpine areas that have no warranty for damage caused by frost or freezing

Alpine Areas - VIC	Alpine Areas - NSW/ACT
Bogong	Charlotte Pass
Falls Creek	Mt Selwyn
Mount Buffalo	Mt Kosciusko
Mount Buller	Perisher Blue
Mount Hotham	Thredbo
Mt Baw Baw	
Lake Mountain	

## TABLE 4 - VICTORIA ONLY

Below is a list of Victorian Postcodes to determine the type of Collectors covered by warranty against damage caused by frost or freezing. Note: Alpine areas listed in Table 3 are excluded from this table.

Postcode Range	Collector Options	Postcode Range	Collector Options	Postcode Range	Collector Options
3000 - 3233	A	3407	C	3700 - 3707	B
3235 - 3237	B	3409 - 3424	B	3708 - 3715	C
3238 - 3238	A	3427-3429	A	3717 - 3718	B
3239	B	3430 - 3442	C	3719 - 3749	C
3240 - 3243	A	3444	B	3750 - 3764	A
3249 - 3254	B	3446 - 3464	C	3765 - 3770	B
3260	A	3465 - 3478	B	3775 - 3796	A
3264 - 3265	B	3480	C	3797 - 3799	B
3266 - 3287	A	3482 - 3537	B	3800 - 3816	A
3289	C	3540 - 3549	A	3818 - 3857	B
3292	A	3550 - 3579	B	3858	C
3293 - 3302	C	3580 - 3599	A	3859 - 3860	B
3303 - 3304	B	3607 - 3620	C	3862	C
3305	A	3621 - 3624	B	3864 - 3865	B
3309 - 3312	B	3629 - 3644	C	3869 - 3882	A
3314	C	3646 - 3649	B	3885	C
3315 - 3319	B	3658 - 3659	A	3886 - 3887	B
3321 - 3341	A	3660 - 3665	B	3888	C
3342	B	3666	C	3889	A
3345 - 3361	C	3669 - 3675	B	3890	C
3363 - 3371	B	3676 - 3687	C	3891 - 3892	A
3373 - 3379	C	3688 - 3695	B	3893 - 3900	C
3380 - 3402	B	3697 - 3699	C	3902 - 3996	A

**A** - All Rinnai Solar Collectors are suitable

**B** - Equinox, Excelsior FTC or E-Frost Collectors only

**C** - E-Frost Collectors only

**TABLE 5 - NSW & ACT ONLY**

Below is a list of NSW and ACT Postcodes to determine the type of Collectors covered by warranty against damage caused by frost or freezing. Note: Alpine areas listed in Table 3 are excluded from this table.

Postcode Range	Collector Options	Postcode Range	Collector Options	Postcode Range	Collector Options
1001 - 2177	A	2453 - 2454	B	2675 - 2717	B
2178	B	2455 - 2473	A	2720 - 2722	C
2179 - 2324	A	2474 - 2476	C	2725	B
2325 - 2326	C	2477 - 2535	A	2726 - 2730	C
2327	A	2536	B	2731 - 2739	B
2328	C	2537 - 2549	A	2745 - 2752	A
2329 - 2331	A	2550	B	2753 - 2755	C
2333	C	2551	A	2756 - 2775	A
2334 - 2335	A	2555 - 2556	B	2776 - 2821	C
2336 - 2355	C	2557	A	2823 - 2842	B
2356 - 2357	B	2558 - 2563	B	2843 - 2868	C
2358 - 2372	C	2564 - 2565	A	2869 - 2870	B
2379	B	2566 - 2574	B	2871 - 2672	C
2380 - 2382	C	2575 - 2633	C	2873 - 2878	B
2386 - 2396	B	2640 - 2648	B	2879 - 2899	A
2397	C	2649 - 2655	C	2900 - 2914	C
2398 - 2402	B	2656 - 2660	B	3691 - 3707	B
2403 - 2404	C	2661	C	4377	C
2405 - 2411	B	2663 - 2671	B	4380 - 4383	B
2415 - 2452	A	2672	C	4385	C

**A** - All Rinnai Solar Collectors are suitable

**B** - Equinox, Excelsior FTC or E-Frost Collectors only

**C** - E-Frost Collectors only



**1st-Care**  
installation • service

**Need a Service?**

Rinnai appliances like any, benefit from regular maintenance in order to maximise ongoing performance.

We recommend that our appliances are serviced at least every 2 years to minimise any potential down time, ensure safety of the product and ultimately prolong the life span of the unit.

To support this, our highly experienced 1st-Care Service Team are available to assist with any of your ongoing service and installation needs.



**Call 1st-Care on 1300 555 545 to make a booking**

**SEND US YOUR PHOTOS!**

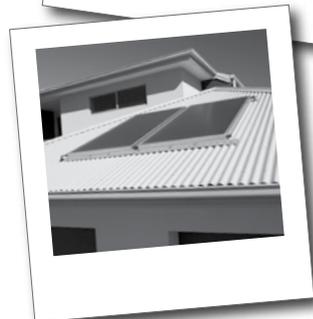
**Proud of your Rinnai appliance installation?**

If you think that your Rinnai appliance installation is worthy of showcasing, then why not send us a photo or two! All you need is a computer and a digital camera.

**Once you've selected the best shots:**

1. Go on-line at [rinnai.com.au](http://rinnai.com.au)
2. Click the Promotions section
3. Click on the send us your photos icon and follow the prompts

**Cheers**  
**Rinnai Marketing Team**



# Rinnai

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