GUARDIAN WARM WATER

Rheem Guardian® Warm Water — Maximum Safety, Maximum Flow, Maximum Protection

Rheem Guardian is a simple and highly flexible solution for providing controlled warm water for special needs applications.

Special Features

- Primary heating plant can also be used to supply hot water for use in kitchens and laundries
- Suitable for indoor and outdoor installations
- Reduces capital and maintenance costs

Flexibility and Capital Savings

Rheem can provide impressive capital savings with the installation of a Rheem Guardian Warm Water System. With the ability to supplement existing plant, Rheem can supply all the benefits of warm water without the expense of installing a new plant.

And as the system can be coupled with Rheem commercial solar heating plant, Rheem can ensure you take advantage of the generous Government rebates and incentives reducing capital outlay whilst enhancing running cost savings.

Rheem also provide you with flexibility with the Guardian System. Suitable for installation indoors or outdoors, the system can be coupled with any Rheem or Raypak water heating plant, be it gas, electric, solar or heat pump. The primary heating plant can also be used to supply hot water for use in kitchens and laundries, negating the need for a separate hot water plant.

Simplicity in Design, Installation and Maintenance

The hallmark of Rheem design is simplicity and flexibility. This has been achieved with Rheem Guardian providing accurate thermostatic control in a small and compact unit.

Rheem Guardian employs Rada 320 thermostatic mixing valve technology and is supplied pre-assembled in a neat tamperproof enclosure. This provides quick and easy installation and requires no electrical connection, which improves reliability.

The Rheem system is supplied with UV disinfection as standard.

We recommend compliance with the most stringent commissioning and maintenance regime in accordance with AS3666 and local regulations to safeguard against Legionella.
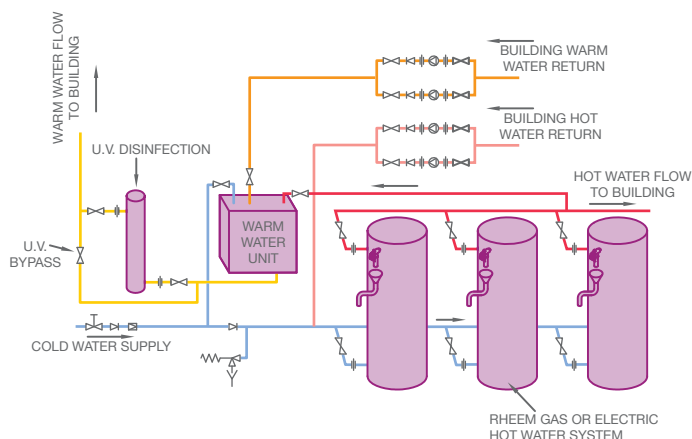
Rheem Guardian ensures continuing operation during periods of maintenance (160L and 240L models), and because of an ingenious thermostatic cartridge design, maintenance is made easy.

Rheem Guardian is backed by a 2 Year Cartridge Warranty*, Rheem's expert Technical Advisory Service and nation-wide After Sales Network.

940 160 model illustrated

TECHNICAL DATA TABLE

WARM WATER

Model		940 080	940 160	940 240
Nominated Flow Rate[11]	L/min	80	160	240
Max. Water Supply Pressure – Static/Dynamic	kPa	1000/800	1000/800	1000/800
Min. Water Supply Pressure	kPa	500	500	500
Thermostatic Control Range	°C	25 – 60	25 – 60	25 – 60
Max. Hot Water Supply Temp (Temporary)	°C	85	85	85
Max. Outlet Temperature (Sanitising)[10]	°C	85	85	85
Min. Temp Differential Between				
Cold Supply and Outlet (Flow Conditions)	°C	15	15	15
Hot Supply and Outlet (Flow Conditions)	°C	15	15	15
Recommended Minimum Recirculation Flow Rate[9]	L/min	8	16	24
Recommended Minimum Temperature Loss in Recirculation Circuit	°C	2	2	2
Weight – Empty	kg	38	56	73
Indoor/Outdoor		yes	yes	yes

ULTRA VIOLET DISINFECTION

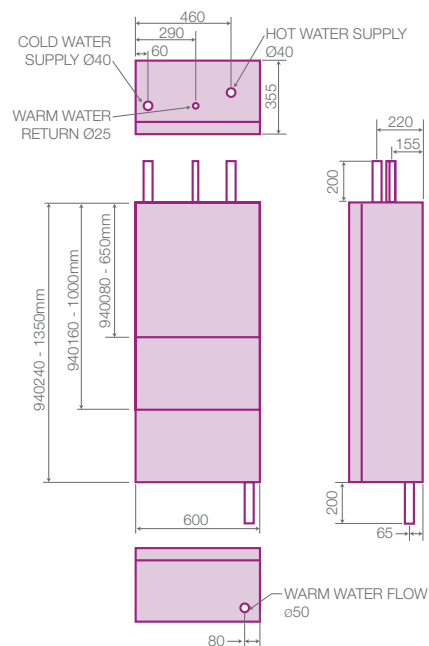| Model		940 001	940 002	940 002
Nominated Maximum Flow Rate	L/min	83	250	250
Weight – Empty	kg	15	15	15
Electrical rating 240v 50Hz	Watts	216	480	480
	Amps	0.9	2.0	2.0
Viewing Window		yes	yes	yes
Audible Lamp Fail Alarm		yes	yes	yes
Volt Free Contacts for Remote Alarm		yes	yes	yes
Hours Run Meter		yes	yes	yes
Indoor/Outdoor		yes	yes	yes

[9] At mid blend and equal dynamic supply pressures.
[10] It is recommended the ultra violet disinfection system lamps be de-energised if the outlet temperature exceeds 50°C.
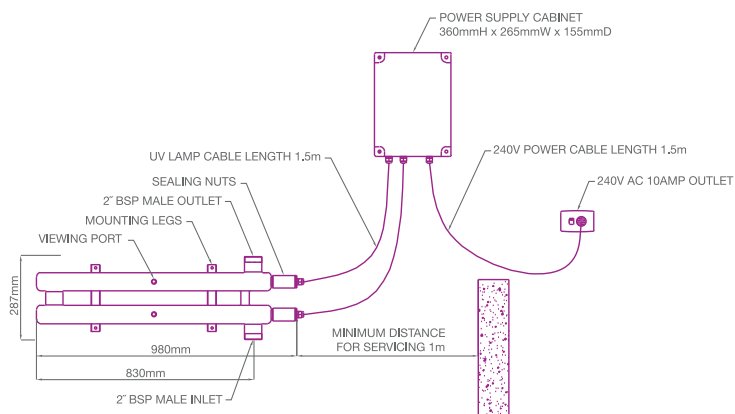**Warranty*** – 2 year commercial cartridge warranty.
***Conditions apply**: For full terms and conditions please contact Rheem or see Owner's Guide and Installation Instructions, available at www.rheem.com.au