

RHEEM GUARDIAN™

WARM WATER



TECHNICAL DATA TABLE				
Model		940 080	940 160	940 240
Nominated Flow Rate*	L/min	80	160	240
Max. Water Supply Pressure – Static/Dynamic	kPa	1000/800	1000/800	1000/800
Thermostatic Control Range	°C	25 – 60	25 – 60	25 – 60
Factory Set Outlet Temperature	°C	43	43	43
Max. Hot Water Supply Temp (Temporary)	°C	85	85	85
Max. Outlet Temperature (Sanitizing)**	°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*	L/min	8	16	24
Recommended Maximum Flow Rate	L/min	120	240	360
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	133	333	333
Weight – Empty	kg	15	15	15
Electrical rating 240v 50Hz	Watts	216	480	480
	Amps	0.9	2.0	2.0
Viewing Window Standard		yes	yes	yes
Audible Lamp Fail Alarm Standard		yes	yes	yes
Volt Free Contacts for Remote Alarm Standard		yes	yes	yes
Hours Run Meter Standard		yes	yes	yes
Indoor/Outdoor		yes	yes	yes

*at mid blend and equal dynamic supply pressures

**it is recommended the ultra violet disinfection system lamps be de-energised if the outlet temperature exceeds 50°C

SAMPLE SPECIFICATION FOR RHEEM GUARDIAN WARM WATER

The warm water system shall be Rheem Guardian model _____.

Hot water shall be produced by Rheem or Raypak commercial water heater model _____

with an input of _____ Mj/hr or kW and an hourly recovery rate of _____ litres through _____ °C rise.

The system shall be capable of producing warm water at a nominal temperature of _____ °C at a peak flow rate of _____ l/min.

The warm water system plant shall be pre assembled and shall not require electrical connection.

The system is to be supplied with an ultra violet disinfection unit, comprising a stainless steel reactor and quartz tubing.

RHEEM GUARDIAN WARM WATER – MAXIMUM SAFETY, MAXIMUM FLOW, MAXIMUM PROTECTION.

Rheem is by far the biggest name in water heating for commercial and industrial applications, and has been for some time. With the introduction of new Rheem Guardian Warm Water, our range is complete.

SPECIAL FEATURES

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 new plant.

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

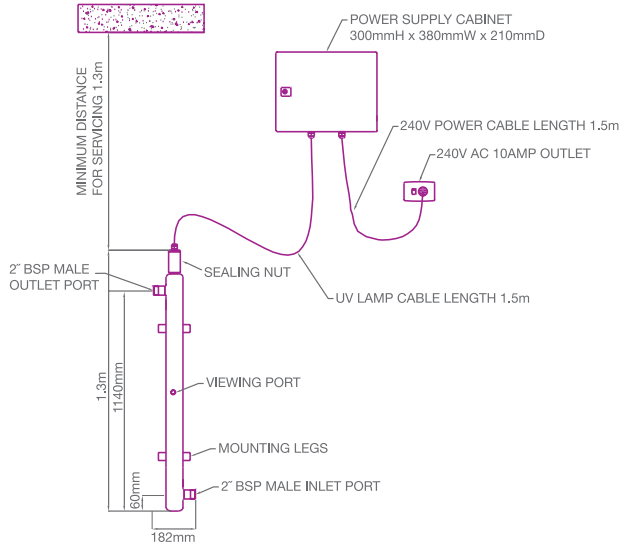
Rheem also provide you with endless flexibility with the Guardian System. Suitable for installation indoors or outdoors, the system can be coupled with any Rheem or Raypak water heating plant, be it gas, electric or solar. The primary heating plant can also be used to supply hot water for use in kitchens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

SIMPLICITY IN DESIGN, INSTALLATION AND MAINTENANCE.

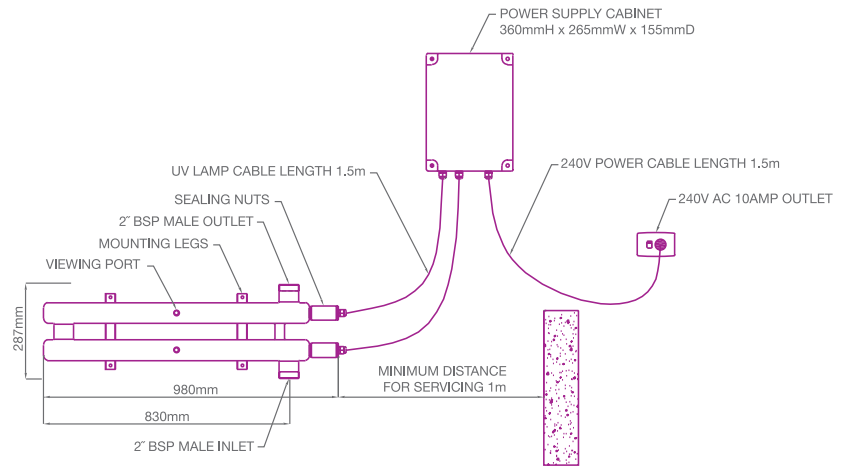
The hallmark of Rheem design is simplicity and flexibility. This has been achieved with Rheem Guardian providing accurate thermostatic control in a small and compact unit.

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 to the most

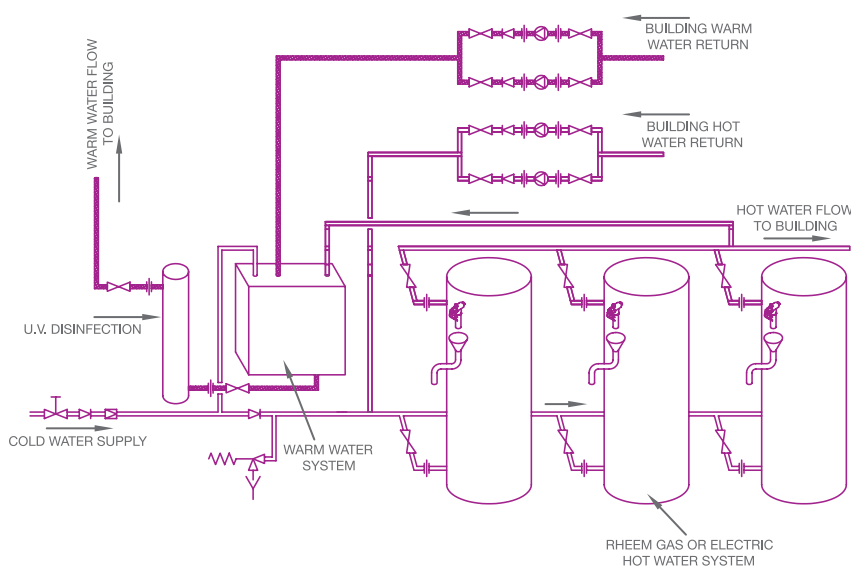
Roughing in dimensions of 940 002 UV Disinfection.



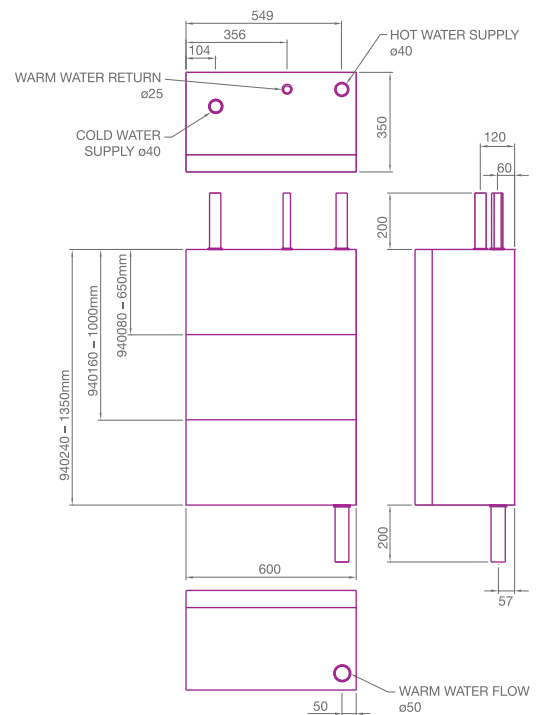
Roughing in dimensions of 940 001 UV Disinfection.



Typical installation – Rheem Warm & Hot Water.



Warm Water Roughing in Dimensions.



stringent commissioning and maintenance regime 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.

Not to forget the Rheem Guardian is backed by a 2 Year Cartridge Warranty, Rheem's expert Technical Advisory Service and nation-wide After Sales Network.

WARRANTY PLAN

Rheem Customer Protection Plan.
2 Year Commercial Cartridge Warranty.



INSTALL A RHEEM®