

STORAGE TANKS

Market-leading storage tanks from small to large.

When looking for a hot water system for the Golden Grove Helping Hand project, some of the storage tank details considered included maximising the solar hot water storage capacity while minimising the plant room spatial requirements, longevity of the storage vessels, available water connection points and the ability to manoeuvre through standard plant room doorways.

The Rheem RT2000 tanks were chosen to meet these requirements and coupled with Rheem solar panels, Tankpak system and Crossflow heat exchanger, have allowed the available plant room space to be maximised while providing room for future expansion of the system.

**Rob Horn,
Hydraulic Engineer**

CASE STUDY

HEALTH INNOVATION BUILDING

NORTH TERRACE, SA

Challenge

The Health Innovation Building at the University of South Australia is a sophisticated \$247 million cancer research facility. A highly robust and cost-effective water heating solution was required for laboratory handwashing in addition to bathroom facilities for 800 staff members.

Hot Water Solution

The Rheem solution encompassed a domestic hot water plant and a laboratory hot water plant providing 5330 litres of hot water over a one hour peak period and 22828 litres per hour for the laboratory and hot water requirement for staff members. Rheem Tankpak Series 2 in combination with 13 x Commercial Storage Tanks was chosen based on the compact design, the ability to rapidly heat large quantities of water at high efficiencies, top down heating system, redundancy and certification for crane lifting.



COMES ON STEADY, HOT AND STRONG

RHEEM 610 SERIES

SUITED TO INTEGRATION
WITH ALMOST ANY SYSTEM



LARGER
ANODE

50 mm
HIGH FLOW
CONNECTION

NO
PRESSURE
DROP



The work-horse
storage system that
keeps on working, in a
wider range of water
quality environments.

Flexible

Compatible with CFWH, Raypak,
solar preheat and heat pump storage
or as additional storage for a Rheem
gas or electric hot water system.

Highly durable in poor water quality areas

Manufactured with commercial grade
vitreous enamel and larger anode.

Stable pressure

No coils means there's virtually no
pressure drop.

More key features

- Suitable for up to 82° C for
sanitising applications
- Range of sizes
- 50mm high flow water connections
- Ease of fitment and replacement



* For full terms and conditions contact Rheem or visit www.rheem.com.au/warranty

INSTALL A



TECHNICAL DATA

DIMENSIONS AND TECHNICAL DATA TABLE				
Model number		610 340	610 430	
		vitreous enamel		
Storage capacity	Litres	325	410	
Dimensions	A	mm	1640	1840
	B	mm	640	685
	C	mm	640	685
	D	mm	1008	1210
	E	mm	115	108
	F	mm	-	-
	G	mm	-	-
	H	mm	-	-
	J	mm	290	273
	P	mm	-	-
	Q	mm	-	-
	K	degrees	-	-
	L	degrees	90°	84°
M	degrees	32°	30°	
N	mm	290	273	
Weight Empty	kg	96	117	
Inlet/Outlet Connections (BSPF)		RP2	RP2	
T&PR Valve Connection (BSPF)		RP¾	RP¾	
Vent Connection (BSPF)		-	-	
Drain Connection (BSPF)		-	-	
Remote Thermostat Connection (1 x thermowell supplied)		RP½	RP½	
T&PR Valve Setting	kPa	1000	1000	
Expansion Control Valve (ECV) ²⁸ Setting	kPa	850	850	
Maximum Water Supply Pressure				
without ECV ²⁸ fitted	kPa	800	800	
with ECV ²⁸ fitted	kPa	680	680	
Maximum Stored Water Temperature	°C	82	82	
Manifold – Min. Centre to Centre	mm	890	935	
Maintenance Rate	kWH/day	3.1	4.3	

²⁸ Expansion control valve not supplied with the water heater.

