

Full flow 50mm fittings

Vitreous enamel, carbon and stainless steel

325 to 5000L capacity



STORAGE TANKS

Rheem commercial storage tank 610 Series

The Rheem 610 series commercial storage tanks offer the perfect combination of performance and flexibility.

Maintenance redundancy and ease of fitment and replacement are key features of Rheem storage tanks.

They connect to the mains pressure water supply with 50mm water connections for maximum flow and are suitable for use in combination with a Raypak water heater or CFWH as a buffer tank, for solar preheat and heat pump storage or as additional storage for a Rheem gas or electric hot water system.

The storage tanks can be installed utilising the Rheem Equa-Flow® principle, in a bank of up to ten units to provide up to 4,100 litres of storage or in multiple banks if more storage is required.

Rheem commercial storage tank RT Series

The RT series storage tank is available in a fully welded carbon steel cylinder for indirect applications, or 316L stainless steel for direct water applications.

The storage tank is available in nominal 1000, 2000, 3000, 4000, 5000L capacities. Multiple tanks of the same capacity can be manifolded in parallel to store larger volumes of fluid.

The storage tank is supplied with two flanges to allow the fitment of auxiliary heating such as heat exchange coils (not supplied) or an electric heating unit bundle.

Carbon steel tanks are suitable for operation up to 500kPa, whilst stainless steel tanks are suitable for up to 850kPa operation.

The 1000L tank has a diameter of just 800mm without insulation, making it an ideal choice for easy replacement requirements.

Further, the tank is supplied with a variety of fittings to allow multiple configurations to be connected such as boosting by auxiliary heat pump or gas water heaters, solar or waste heat.

The tanks are insulated with 100mm of Ecofibertech™ insulation, with a bonded aluminium cladding suitable for outdoor installation. The insulation is supplied separately, requiring onsite assembly.

Ecofibertech™ is:

- Rot proof
- Resistant to mould, bacteria, rodents
- Hypoallergenic
- Water-repellent
- 100% recyclable
- Light weight
- Self supporting
- Fireproof



Warranty*

610 Series: 5 years on cylinder, 1 year on parts and labour

SS Series: 8 years on cylinder, 1 year parts and labour

* **Conditions apply:** For full terms and conditions please contact Rheem or see Owner's Guide and Installation Instructions, available at www.rheem.com.au

DIMENSIONS AND TECHNICAL DATA TABLE

Model number			610 340	610 430	RT1000	RT2000	RT3000	RT4000	RT5000
			vitreous enamel		stainless steel / carbon steel				
Storage capacity	Litres		325	410	920	2055	2960	3820	5180
Dimensions	A	mm	1640	1840	2200	2565	2845	2918	3128
	B	mm	640	685	1000	1300	1450	1600	1800
	C	mm	640	685	800	1100	1250	1400	1600
	D	mm	1008	1210	510	555	600	628	747
	E	mm	115	108	1435	1735	1945	1963	2132
	F	mm	-	-	417	462	505	533	667
	G	mm	-	-	879	1024	1135	1163	1287
	H	mm	-	-	1341	1586	1765	1793	1907
	J	mm	290	273	1803	2148	2395	2423	2527
	K	degrees	-	-	50	50	50	50	50
	L	degrees	90°	84°	35	35	35	35	35
	M	degrees	32°	30°	75	75	75	75	75
	Weight Empty	kg		96	117	136/115	245/245	330/334	455/455
Inlet/Outlet Connections (BSPF)			RP2	RP2	RP2	RP2	RP2	RP2	RP2
T&PR Valve Connection (BSPF)			RP¾	RP¾	RP1¼	RP1¼	RP1¼	RP1¼	RP1¼
Vent Connection (BSPF)			-	-	RP1½	RP2	RP2	RP2	RP2
Drain Connection (BSPF)			-	-	RP1¼	RP1¼	RP1¼	RP1¼	RP1¼
Remote Thermostat Connection (1 x thermowell supplied)			RP½	RP½	RP½	RP½	RP½	RP½	RP½
T&PR Valve Setting (vitreous enamel & SS/carbon steel)	kPa		1000	1000	850/500	850/500	850/500	850/500	850/500
Expansion Control Valve (ECV) ²⁹ Setting (vitreous enamel & SS/carbon steel)	kPa		850	850	700/NA	700/NA	700/NA	700/NA	700/NA
Maximum Water Supply Pressure									
without ECV ²⁹ fitted (vitreous enamel & SS/carbon steel)	kPa		800	800	680/400	680/400	680/400	680/400	680/400
with ECV ²⁹ fitted (vitreous enamel & SS/carbon steel)	kPa		680	680	550/NA	550/NA	550/NA	550/NA	550/NA
Maximum Stored Water Temperature	°C		82	82	90	90	90	90	90
Manifold – Min. Centre to Centre (piping one side)	mm		890	935	1350	1550	1700	1850	2050
Manifold – Min. Centre to Centre (piping both sides)	mm		-	-	1500	1700	1850	2000	2200

²⁹ Expansion control valve not supplied with the water heater.

