

Electric Hot Water Systems

Range at a glance

Mains Pressure Systems

They are simply a storage cylinder that holds water at a pre-set temperature with the use of thermostatic control. As hot water is used, it is replaced with cold water and reheats again. Hot Water delivery is at mains pressure or the maximum allowable pressure should the home require a pressure limiting device installed.

Rinnai HOTFLO

Our quality HOTFLO range of electric tanks are available in various storage capacities ranging from a compact 40 Litre right up to the large 400 Litre model. We also have a complete range of element sizes minimising changeover costs.

- Economical Vitreous Enamel lined steel tank with a 5 year warranty
- Inbuilt anode protection - extends the life of the tank
- Dual handed - allows increased flexibility of installation
- Flexibility - suitable for internal and external use
- Foam Insulation exceeds MEPS* (Minimum Energy Performance Standard) by an average of 20%, reducing heat loss and running costs
- Thermostatically controlled with safety temperature shut off for added safety and peace of mind

* Excludes 40 litre



Gravity Feed Systems

Similar to normal storage cylinders the gravity feed systems again hold water at a pre-set temperature but this time not under mains pressure. Sometimes also referred to as 'constant pressure' systems, the Roofmaster is usually located in the roof space. Whereas mains pressure systems usually operate between 300 – 500kPa, a gravity feed system operates at the 'head of pressure' dependant on how high the tank is above the tap/shower. In single storey installations this is generally about 20 to 24kPa.

Rinnai Roofmaster

The Rinnai gravity feed Roofmaster water heaters are concealed in your roof space. The storage cylinder is made from heavy duty copper which makes it extremely reliable and corrosion resistant. The lower pressure at which they operate puts much less stress on the cylinder and fittings, so everything lasts that much longer.

- Copper cylinder construction - reliable and corrosion resistant with a 7 Year warranty
- Specifically designed for in-roof Installations
- Gravity feed, less stress on components means longer life
- Thermostatically controlled with silent operation
- Flexibility to integrate with solar and/or combustion stove (wetback) installations
- Operates at the 'head of pressure' 20 to 24 kPa



Range Overview

The table below outlines the sizes and element option for all Rinnai Electric Hot Water Systems

Range	HOTFLO							Roofmaster			
	40L	80L	125L	160L	200L	315L	400L	Plus	Prestige		Coil
Size	40L	80L	125L	160L	200L	315L	400L	250L	250L	315L	315L
Construction	Vitreous Enamel							Copper			
Element Size (kW)	2.4 or 3.6	2.4 or 3.6	2.4 or 3.6	2.4 or 3.6	3.6 or 4.8	2.4 or 3.6	2.4 or 3.6	3.0 Immersion Element			

Specifications

HOTFLO Electric

Note: All Rinnai HOTFLO water heaters are single element.

Specifications		HOTFLO								
Rated Capacity (Litres)		40	80	125	160	200	250	315	400	
	Weight Empty (kg)	24	48	62	75	98	107	117	130	
	Heating Elements Available (kW)	-	-	-	-	-	-	-	-	-
		2.4	2.4	2.4	2.4	-	-	-	-	
3.6		3.6	3.6	3.6	3.6	3.6	3.6	3.6		
		-	-	-	-	4.8	4.8	4.8	4.8	
Dimensions (mm)	Overall Height	A	665	900	1245	1530	1825	1265	1510	1820
	Overall Width inc' PTR	B	470	590	590	590	590	760	760	760
	Tank Diameter	C	395	515	515	515	515	685	685	685
	Outlet Height	D	470	683	1020	1310	1605	985	1200	1512
	Inlet Height	E	75	225	225	225	225	260	260	260
	Electrical Connection Height	F	125	155	155	155	155	155	155	155
	Hot Return (Centurion Only)	G	-					n/a	n/a	n/a
Max Supply Pressure	Relief Valve Setting (kPa)	1000					850			
	Expansion Control Valve Setting	850					700			
	With Expansion Control Valve	680					550			
	Without Expansion Control Valve	800					680			
When these pressures are exceeded, install a Pressure Limiting Valve (PLV)							-			
Water Connections		RP ¾ 20mm								
Ingress Protection Rating (AS1939)		IPX4								
Power Supply		AC 240 V 50 Hz								

