

RHEEM TANKPAK

Tankpak 1 (Concept Option)



INSTALL A RHEEM

FOR CONTINUOUS HOT WATER FLOW
IN HIGH DEMAND ENVIRONMENTS



NATURAL
GAS & ULPG

6 ★ STAR
ENERGY



The Rheem Tankpak combines the benefits of mains pressure and continuous flow water heating.



Manifolded banks of Continuous Flow Water Heaters (CFWH) meet the peak demand period requirements whilst the storage tank provides buffer for peak simultaneous demands.

How it works

The thermostat senses the water in the storage tank and activates the primary pump which in turn activates the continuous flow water heaters. Water is drawn from the bottom of the tank and is returned to the hot water outlet at the top of the tank. When the thermostat senses water in the tank at set point the pump and water heaters are turned off.

Top Down Heating

Rheem Tankpak utilises the top down heating principle. This allows the coldest water to be supplied to the continuous flow water heaters for the longest period of time to maximise the recovery rate whilst providing hot water immediately for use.

Other systems utilise a traditional return fitting on the storage tank which provides warmer water to the continuous flow water heater. This causes the water heaters to modulate the gas input and reduce the effective recovery rate.

TankPak 1 (Concept Option) warranty:
5 years on VE cylinder, 8 years on SS cylinder,
1 year on heat exchanger, 1 year on parts & labour

Range

Rheem Tankpak (concept option) is available from 1 to 10 Continuous Flow Water Heaters (CFWH) with 1, 2 or 3 storage tanks depending on system size. Larger systems are available on application. Indoor or outdoor CFWH are assembled in banks from 2 to 6 units by the installer, available in natural gas or ULPG. Please note for systems greater than 6 CFWH the manifolds must be interconnected in equaflo on site by the installer. Ask Rheem how.

Features include:

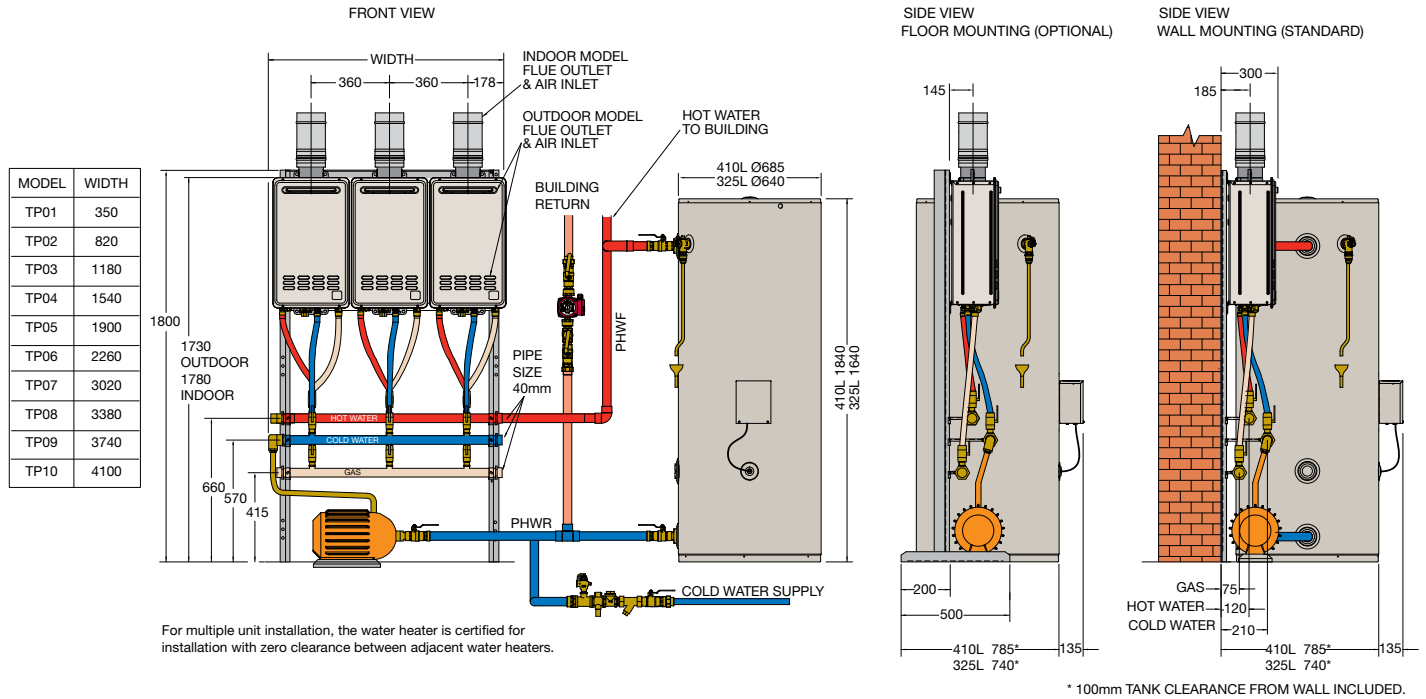
- 84% thermal efficiency heat source
- Vitreous enamel storage tank up to 82°C operation
- Large flow 50mm storage tank fittings
- High storage tank delivery rating due to innovative top down heating
- Digital temperature display
- Indoor and outdoor models available
- Pre-designed CFWH banks
- All components supplied loose for easy on site installation

Benefits include:

- Mains pressure performance
- Reduced footprint
- High recovery
- Redundancy backup

TYPICAL INSTALLATION

Typical Installation with TP03 shown



TANKPAK TECHNICAL DATA

Model	No. CFWH	Thermal Input (MJ/h)	Recovery @ 50°C Rise (L/hr)	Storage Tanks	1st Hour Delivery (L)	Primary Flow and Return Pipe Size (mm)*	Gas Pipe Size			Pump Model	Pump Part Number	Weight [^] (kg)
							NG (mm)*	ULPG (mm)				
TPI01 TPE01	1	205	803	A610340	1063	25	20	20	UPS32-80N	56860243	122	
TPI02 TPE02	2	410	1606	A610340	1866	40	40	40	CM 3-2	366084	203	
TPI03 TPE03	3	615	2409	A610340	2669	40	40	40	CM 3-2	366084	228	
TPI04 TPE04	4	820	3213	A610340	3473	40	40	40	CM 3-2	366084	293	
TPI05 TPE05	5	1025	4016	A610430	4344	40	40	40	CM 5-2	366089	340	
TPI06 TPE06	6	1230	4819	A610430	5147	40	40	40	CM 5-2	366089	365	
TPI07 TPE07	7	1435	5622	2x A610340	6142	50	50	40	CM 5-2	366089	510	
TPI08 TPE08	8	1640	6425	2x A610340	6945	50	65	40	CM10-1	366094	580	
TPI09 TPE09	9	1845	7228	2x A610430	7748	50	65	40	CM10-1	366094	647	
TPI10 TPE10	10	2050	8032	2x A610430	8688	50	65	40	CM10-1	366094	672	

* For systems using more than six CFWH each manifold assembly must be plumbed in parallel.

[^] Weight includes CFWH unit, storage tank empty, pump and assumed likely weight of frame and manifolds.

NB: TPI = Internal, TPE = External