

CONTINUOUS FLOW HOT WATER

6-star energy efficiency, mains pressure delivery, space and energy saving options.

Factory-tested, pre-assembled, and delivered as a complete package.

We have two large Rheem Continuous Flow Tankpak systems providing mains pressure water throughout our building. Since building hand over these systems have provided excellent hot water delivery to all our tenants with zero complaints - I'm very happy with the Rheem systems.

**Leon Liu,
Building Manger -
Vanguard Apartments/Sebel Malvern**

CASE STUDY

ICC
SYDNEY, NSW

Challenge

The \$1.5 billion ICC Sydney at Sydney's Darling Harbour is Asia Pacific's premier integrated convention, exhibition and entertainment precinct. This world-class facility required a reliable hot water solution capable of hosting three separate events concurrently, including a premier, 8000-capacity, red carpet theatre.

Hot Water Solution

Rheem supplied eight commercial hot water plants that were used to service the theatre, convention and exhibition centres including 7 x Rheem Tankpaks, consisting of high-efficiency commercial continuous flow gas water heaters manifolded together with commercial buffer storage. This was combined with a Rheem Raypak gas heater system with commercial buffer storage tanks along with a commercial solar pre-heat system (used to offset gas consumption).



CONTINUOUS FLOW HOT WATER

FOR CONTINUOUS HOT WATER
FLOW IN HIGH DEMAND
ENVIRONMENTS



6 ★ STAR
ENERGY

CONSTANT
TEMP



FRST
PROTECTION



FAULT
PROTECTION

The continuous flow water heater
with 6-star energy efficiency.

High energy efficiency

6-star energy rating and 84%
thermal efficiency

Constant temperature

Q-factor® provides constant
temperature at the outlet rapidly
reducing 'cold water sandwich'

Compatible with other systems

Compatible with solar, heat pump
and waste heat systems. EZ Link®
two units together with a Deluxe
Kitchen Temperature Controller for
greater capacity (max 60°C)

Fault protection

Unique Flame Safe® technology
detects heat exchanger faults and
shuts the system down

More key features

- Digital temperature display (Tankpak,
Commpak and Commpak Plus)
- Internal and external models available
- Natural gas and propane models
- Frost protection
- Suitable for sanitising applications
when set at 82°C



External Model

Internal Model



* 5 year warranty on heat exchanger with a thermostat setting not
exceeding 75°C; 12 months heat exchanger warranty when used with
a thermostat setting exceeding 75°C ; 12 months parts and labour.

INSTALL A



TECHNICAL DATA

RHEEM COMMERCIAL CONTINUOUS FLOW		EXTERNAL MODEL	INTERNAL MODEL
Model		872627	862627
Delivery Temperature	°C	up to 82	up to 82
Input	MJ/h	205	205
Output	kW	47.5	47.5
Efficiency	%	84	84
Gas Energy Rating	Stars	6	6
Flow Rate @ 25°C Rise	L/min	27	27
Minimum Flow Rate	L/min	2	2
Dimensions			
Height	mm	600	650
Width	mm	350	350
Depth	mm	225	250
Frost Protection		yes	yes
Approximate Weight	kg	23	23
Inlet/Outlet Connections	BSPM	R ³ / ₄ /20	R ³ / ₄ /20
Gas Connection	BSPM	R ³ / ₄ /20	R ³ / ₄ /20
Water Supply Pressure			
Maximum	kPa	1000	1000
Minimum	kPa	140	140
Gas Supply Pressure Range			
Natural Gas	kPa	1.13 – 3.5	1.13 – 3.5
Propane	kPa	2.75 – 3.5	2.75 – 3.5
Temperature Settings	°C	38, 40, 42, 43, 45, 50, 55, 60, 65, 70, 75, 82	38, 40, 42, 43, 45, 50, 55, 60, 65, 70, 75, 82
Factory Set Temperature	°C	60	60
Co-Axial Flue Specification			
Inner – Material/Diameter	mm	NA	316L or 444/78
Outer – Material/Diameter	mm	NA	Aluminised Steel/127
Maximum Flue Run		NA	13.5m and no bends ¹
Accessories			
Pipe Cover		299426	NA
Recess Box		299831	NA
Security Bracket		299868	299868
Security Cage		299867	NA
Gas Booster Mounting Kit (suit TP01)		299237	299237
EZ Link® Kit Max 60°C (Deluxe Kitchen Controller not included)		290141	290141
Deluxe Temperature Controllers (Max 60°C)			
Kitchen		299858	299858
Bathroom 1		299859	299859
Bathroom 2		299860	299860

¹ Reduce the maximum length by 1.5m for every 90° bend and by 0.75m for every 45° bend. The flue system is suitable for vertical and horizontal termination when used with the appropriate terminal.