

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.



CASE STUDY

OAKWOOD PREMIER MELBOURNE SOUTHBANK, VIC

Challenge

Oakwood Premier Melbourne is set within a 40-storey tower boasting 132 luxurious hotel rooms and 260 serviced apartments, co-working space, fitness centre, game room, restaurant and bars.

The introduction of the electronic staging and rotation on the Tankpak Series 3 model

was essential for satisfying the energy saving requirements. A long history of partnership with both ADP Consulting and Complete Plumbing led to a successful solution design and implementation.

Hot Water Solution

Servicing a maximum first hour capacity of 13,985 L and providing 12,345 L/hour recovery, the final installation included 3 x TP3E05NFD/1430 Tankpak Series 3 Systems with 3 x Rheem 610430 Storage tanks.



CONTINUOUS FLOW HOT WATER

FOR CONTINUOUS HOT WATER FLOW IN HIGH DEMAND ENVIRONMENTS



GAS



RATING



CONSTANT TEMP



FROST 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 greater capacity and redundancy

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.

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	46.5	46.5
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	24	27
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		299425	NA
Recess Box		299831	NA
Security Bracket		299868	299868
Security Cage		299867	NA
Gas Booster Mounting Kit (suit TP01)		299100	29100
EZ Link® Kit		299291	299291
Temperature Controllers (Max 60°C)			
Kitchen		299850	299850
Bathroom 1		299851	299851
Bathroom 2		299852	299852

¹Reduce the maximum length by 1.5m for every 90° elbow and by 0.75m for every 45° elbow. The flue system is suitable for through the roof and through the wall termination when used with the appropriate terminal.