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











RATING

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







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

NODEL ₹2627 \$2627 <t< th=""><th colspan="2">RHEEM COMMERCIAL CONTINUOUS FLOW</th><th>EXTERNAL MODEL</th><th>INTERNAL MODEL</th></t<>	RHEEM COMMERCIAL CONTINUOUS FLOW		EXTERNAL MODEL	INTERNAL MODEL
Input MJ/h 205 205 Output RW 46.5 46.5 Efficiency % 44 84 Ses Energy Rating Stars 6 6 Flow Rate @ 25°C Rise Umin 27 27 Minimum Flow Rate Umin 2 2 Dimensions — — — Height min 600 650 — Width mm 350 350 — Opth mm 225 250 — Prost Protection mm 225 250 — Approximate Weight kg 24 27 — Alex Supply Pressure RW/20 RW/20 RW/20 Maximum APa 1000 — — Maximum APa 140 — — — Maximum APa 140 — — — See Emergenture C 60 — <th>MODEL</th> <th></th> <th>872627</th> <th>862627</th>	MODEL		872627	862627
Output NW 46.5 46.5 Efficiency % 84 84 Gas Energy Rating Stars 6 6 Flow Rate g 257 Rise Umin 27 27 Minimum Flow Rate L/min 2 2 Dimensions — — 650 Width mm 600 650 650 Width mm 390 390 60 Depth mm 225 250 60 Frost Protection mm 24 27 60 Intel Ubulet Connections BSPM RV20 RV20 80 Gas Connection BSPM RV30 RV20 80 Mater Supply Pressure W 1000 1000 Minimum APa 140 100 100 Minimum APa 140 100 100 Minimum APa 140 100 100 Minimum RV8 2.75 – 3.5 <td>Delivery Temperature</td> <td>°C</td> <td>Up to 82</td> <td>Up to 82</td>	Delivery Temperature	°C	Up to 82	Up to 82
Efficiency % 84 84 84 6 7 8 8 8 8 1 3 3 9 8 9 1 9 9 1 9 9 <	Input	MJ/h	205	205
Gas Energy Rating Stars 6 6 6 7 27 27 27 27 27 27 20	Output	kW	46.5	46.5
Flow Rate @ 25°C Rise	Efficiency	%	84	84
Minimum Flow Rate L/min 2 Dimensions mm 600 650 Height mm 350 350 With mm 350 350 Depth mm 225 250 Approximate Weight kg 24 27 Inlet/Outet Cornections BSPM R½/20 R½/20 Gas Connection BSPM R½/20 R½/20 Maximum kPa 1000 1000 Minimum kPa 1000 1000 Minimum kPa 100 100 Minimum kPa 100 100 Minimum kPa 113-3.5 133-3.5 Maximum Flaga kPa 1,13-3.5 1,13-3.5 Propane kPa 2,75-3.5 2,7-3.5 Temperature Settings °C 60 60 Co-Axial Plus Specification mm NA 135 mard no bends¹ Maximum Flue Run NA Na 140	Gas Energy Rating	Stars	6	6
Dimensions Image: Company of the part	Flow Rate @ 25°C Rise	L/min	27	27
Height mm 600 650 Width mm 350 350 Depth mm 225 250 Frost Protection yes yes Approximate Weight kg 24 27 IntelOutlet Connections BSPM Rk/20 Rk/20 Gas Connection BSPM Rk/20 Rk/20 Water Supply Pressure Raw 1000 1000 Maximum kPa 1000 1000 Gas Supply Pressure Range RPa 1.13 – 3.5 1.13 – 3.5 Natural Gas kPa 1.35 – 3.5 2.75 – 3.5 2.75 – 3.5 Temperature Settings **C 34, 42, 43, 45, 50, 55, 60, 65, 70, 75, 82 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 60 60 Outer – Material/Diameter mm NA 316 tor 444/78 444/78 Maximum Flue Run NA Accessories Na Accessories Na	Minimum Flow Rate	L/min	2	2
Width mm 350 350 Depth mm 225 250 Frost Protection yes yes Approximate Weight kg 24 27 Inlet/Outlet Connections BSPM RW/20 RW/20 Gas Connection BSPM RW/20 RW/20 Water Supply Pressure Water Supply Pressure Water Supply Pressure Range Maximum MPa 140 1000 Minimum APa 140 140 140 140 140 Gas Supply Pressure Range RPa 1,13 – 3.5 2,75 – 3.5 3,75 – 3.5 3,75 – 3.5	Dimensions			
Depth mm 225 250 Frost Protection yes yes Approximate Weight kg 24 27 Inlet Outlet Connections BSPM R½/20 R½/20 Gas Connection BSPM R½/20 R½/20 Water Supply Pressure Wester Supply Pressure Wester Supply Pressure Wester Supply Pressure Maximum kPa 1000 1000 Minimum kPa 140 40 Gas Supply Pressure Range Wester Supply Pressure Range Interest Supply Range Interest Supply Range Interest Supply Range Interest Supply Range Interest Suply Range Interest Suply Range Interest Suply Range	Height	mm	600	650
Frost Protection yes yes Approximate Weight kg 24 27 Inlet/Outlet Connections BSPM R½/20 R½/20 Gas Connection BSPM R½/20 R½/20 Water Supply Pressure W W W Maximum kPa 1000 1000 Minimum kPa 140 140 Gas Supply Pressure Range Water Supply Pressure Range 1.13 – 3.5 1.13 – 3.5 Natural Gas kPa 1.13 – 3.5 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 38, 40, 42, 43, 45, 50, 55, 60, 65, 70, 75, 82 Factory Set Temperature °C 60 60 60 60 Co-Axial Flue Specification mm NA 316L or 444/78 Auminised Steel/127 Maximum Flue Run NA Aluminised Steel/127 NA Accessories NA Pipe Cover 299425 NA NA NA Security Gas	Width	mm	350	350
Approximate Weight Inlet/Outlet Connections kg 24 27 Inlet/Outlet Connections BSPM R%/20 R%/20 Gas Connection BSPM R%/20 R%/20 Water Supply Pressure Water Supply Pressure Water Supply Pressure 1000 Maximum kPa 100 1000 Minimum kPa 140 140 Gas Supply Pressure Range 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 60 Co-Axiaf Flue Specification mm NA 316L or 444/78 444/78 Unter – Material/Diameter mm NA 13.5m and no bends¹ 42 Accessories mm NA 13.5m and no bends¹ 42 Pipe Cover 299425 NA NA 42 Recess Box 299868 299868 299868 </td <td>Depth</td> <td>mm</td> <td>225</td> <td>250</td>	Depth	mm	225	250
Intel/Outlet Connections BSPM R¾/20 R¾/20 Gas Connection BSPM R¾/20 R¾/20 Water Supply Pressure Waximum 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 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 Aluminised Stee/127 Maximum Flue Run NA Aluminised Stee/127 Maximum Flue Run NA 13.5m and no bends¹ Accessories Pipe Cover 299425 NA NA Recess Box 299868 299868 299868 Security Cage 299868 299868 299868 Gas Booster Mounting Kit (suit TP01) 299900 29100 29100	Frost Protection		yes	yes
Gas Connection BSPM R½/20 R½/20 Water Supply Pressure 1000 1000 Maximum kPa 140 140 Gas Supply Pressure Range 113 – 3.5 1.13 – 3.5 Natural Gas kPa 1.13 – 3.5 2.75 – 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 mm NA 316L or 444/78 Inner – Material/Diameter mm NA Aluminised Steel/127 Maximum Flue Run NA 1.35 m and no bends¹ Accessories 2.5945 NA Pipe Cover 2.99425 NA Recess Box 2.99868 2.99868 Security Cage 2.99868 2.99868 Security Cage 2.99867 NA Gas Booster Mounting Kit (suit TPO1) 2.99100 2.9100 EZ Link* Kit	Approximate Weight	kg	24	27
Water Supply Pressure KPa 1000 1000 Minimum kPa 140 140 Gas Supply Pressure Range Watural Gas KPa 1.13 – 3.5 1.13 – 3.5 Propane kPa 2.75 – 3.5 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 mm NA 316L or 444/78 Inner – Material/Diameter mm NA Aluminised Steel/127 Maximum Flue Run NA 1.35m and no bends¹ Accessories Valencess Box 299425 NA Security Bracket 299858 299868 299868 Security Cage 299867 NA Gas Booster Mounting Kit (suit TP01) 299100 29100 EZ Link" Kit 299291 299291 Temperature Controllers (Max 60°C) 499850 299850 Bathroom 1 299851 299851	Inlet/Outlet Connections	BSPM	R ³ / ₄ /20	R ³ / ₄ /20
Maximum kPa 1000 1000 Minimum kPa 140 140 Gas Supply Pressure Range KPa 1.13 – 3.5 1.13 – 3.5 Propane kPa 2.75 – 3.5 2.75 – 3.5 2.75 – 3.5 Temperature Settings °C 60 60 60 Co-Axial Flue Specification " Factory Set Temperature mm NA 316L or 444/78 Outer – Material/Diameter mm NA Aluminised Steel/127 Maximum Flue Run NA 1.35m and no bends¹ Accessories Pipe Cover 299425 NA Pipe Cover 299858 299868 299868 Security Bracket 299868 299868 Security Cage 299867 NA Gas Booster Mounting Kit (suit TP01) 299100 29100 29100 EZ Link' Kit 2999291 299850 299850 Bathroom 1 299850 299850 299850	Gas Connection	BSPM	R ³ / ₄ /20	R ³ / ₄ /20
Minimum kPa 140 140 Gas Supply Pressure Range 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 " NA 316L or 444/78 Outer – Material/Diameter mm NA Aluminised Steel/127 Maximum Flue Run NA 1.3.5m and no bends¹ Accessories V 1.3.5m and no bends¹ Pipe Cover 2.99425 NA Recess Box 2.99868 299868 Security Bracket 2.99868 299868 Security Cage 2.99867 NA Gas Booster Mounting Kit (suit TP01) 2.99910 29100 EZ Link* Kit 2.999291 299291 Temperature Controllers (Max 60°C) 299850 299850 Bathroom 1 299850 299850	Water Supply Pressure			
Gas Supply Pressure Range 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 The Atterial/Diameter mm NA 316L or 444/78 Outer – Material/Diameter mm NA Aluminised Steel/127 Maximum Flue Run NA 13.5m and no bends¹ Accessories Pipe Cover 299425 NA Recess Box 299831 NA Security Bracket 299868 299868 Security Cage 299867 NA Gas Booster Mounting Kit (suit TPO1) 299100 29100 EZ Link' Kit 299291 299291 Temperature Controllers (Max 60°C) Kitchen 299850 Bathroom 1 299851 299851	Maximum	kPa	1000	1000
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 The Atterial/Diameter mm NA 316L or 444/78 Outer – Material/Diameter mm NA Aluminised Steel/127 Maximum Flue Run NA 13.5m and no bends¹ 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) 299850 299850 Bathroom 1 299851 299851	Minimum	kPa	140	140
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 bends¹ 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) Witchen 299850 Bathroom 1 299851 299851	Gas Supply Pressure Range			
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 bends¹ 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) 299850 299850 Bathroom 1 299851 299851	Natural Gas	kPa	1.13 – 3.5	1.13 – 3.5
Factory Set Temperature °C 60 60 Co-Axial Flue Specification The Composition of the Composition	Propane	kPa	2.75 – 3.5	2.75 – 3.5
Co-Axial Flue Specification mm NA 316L or 444/78 Outer – Material/Diameter mm NA Aluminised Steel/127 Maximum Flue Run NA 13.5m and no bends¹ Accessories Fipe 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) 299850 299850 Bathroom 1 299851 299851	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
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 bends¹ Accessories Fipe Cover NA Recess Box 299425 NA Security Bracket 299868 299868 Security Cage 299868 299868 Security Cage 299867 NA EZ Link* Kit 299100 29100 EZ Link* Kit 299291 299291 Temperature Controllers (Max 60°C) 299850 299850 Kitchen 299850 299850 Bathroom 1 299851 299851	Factory Set Temperature	°C	60	60
Outer - Material/Diameter mm NA Aluminised Steel/127 Maximum Flue Run NA 13.5m and no bends¹ 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) 299850 299850 Kitchen 299850 299851 Bathroom 1 299851 299851	Co-Axial Flue Specification			
Maximum Flue Run NA 13.5m and no bends¹ 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) Witchen 299850 Bathroom 1 299851 299851	Inner – Material/Diameter	mm	NA	316L or 444/78
Accessories 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) 299850 299850 Kitchen 299851 299851	Outer - Material/Diameter	mm	NA	Aluminised Steel/127
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) V Kitchen 299850 299850 Bathroom 1 299851 299851	Maximum Flue Run		NA	13.5m and no bends ¹
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) V V Kitchen 299850 299850 Bathroom 1 299851 299851	Accessories			
Security Bracket 299868 299867 NA Gas Booster Mounting Kit (suit TP01) 299100 29100 EZ Link* Kit 299291 299291 Temperature Controllers (Max 60°C) 299850 299850 Kitchen 299851 299851	Pipe Cover		299425	NA
Security Cage 299867 NA Gas Booster Mounting Kit (suit TP01) 299100 29100 EZ Link* Kit 299291 299291 Temperature Controllers (Max 60°C) V Kitchen 299850 299850 Bathroom 1 299851 299851	Recess Box		299831	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	Security Bracket		299868	299868
EZ Link* Kit 299291 299291 Temperature Controllers (Max 60°C) *** Kitchen 299850 299850 Bathroom 1 299851 299851	Security Cage		299867	NA
Temperature Controllers (Max 60°C) 299850 299850 Bathroom 1 299851 299851	Gas Booster Mounting Kit (suit TP01)		299100	29100
Kitchen 299850 299850 Bathroom 1 299851 299851	EZ Link® Kit		299291	299291
Bathroom 1 299851 299851	Temperature Controllers (Max 60°C)			
	Kitchen		299850	299850
Bathroom 2 299852 299852	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.