

TANKPAK® SERIES 2

COMMERCIAL CONTINUOUS FLOW WATER HEATING



Pre-plumbed on a Frame

Reduced Footprint

Redundancy Back-up

Indoor & Outdoor Models

Rheem Tankpak® Series 2 combines the benefits of mains pressure and continuous flow water heating. Manifolder banks of continuous flow water heaters meet the peak demand period requirements whilst the storage tank(s) provides a buffer for peak simultaneous demands.

Range

Rheem Tankpak® Series 2 is available from 2 to 18 Continuous Flow Water Heaters (CFWH) with typically 1 to 3 storage tanks depending on system size. Systems are available in a variety of mounting configurations, model dependant, including wall, floor or back to back (refer technical data for details).

Rheem Tankpak® Series 2 is supplied with the controller and pump factory assembled and also includes the in line strainer and water heater power sockets. These features reduce installation time on site requiring only connection of the storage tank/s. Systems with 2 to 7 CFWH are supplied with plug and lead. Larger systems require a single hard wired connection by an electrician.

Plumbing is supplied right handed but can be field altered for left hand to suit installation requirements.

Systems can be indoor or outdoor and natural gas or ULPG.

Top Down Heating

Rheem Tankpak® Series 2 utilises top down heating which maximises the recovery rate compared with traditional primary flow and return system design. This arrangement also allows for storage tank replacement without interruption to the hot water supply.

Retrofits

Rheem Tankpak® Series 2 has been designed to be disassembled on site quickly and easily to allow access into top floor plant rooms and tight spaces without the need for crane hire or additional trades.

Features Include:

- 84% thermal efficiency 6.0 Star heat source
- Heavy duty storage tank up to 82°C operation
- Large flow 50mm storage tank fittings
- Digital temperature display
- Fully hot dip galvanised frame

Benefits Include:

- Improved installation time and confidence
- High recovery
- Mains pressure performance
- Reduced footprint
- Redundancy backup

RHEEM TANKPAK® SERIES 2 COMMERCIAL CONTINUOUS FLOW WATER HEATING

TANKPAK® SERIES 2 TECHNICAL DATA										
Model	No. CFWH	Thermal Input (MJ/h)	Recovery @ 50°C Rise (L/hr)	1st Hour Capacity with Nominated Storage Tank	Primary Flow and Return Pipe Size (mm)	Natural Gas Pipe Size (mm)	Max Current Running (Amps)	Mounting Options	Weight Empty ¹ (kg)	
									Wall/Floor Mount	Back to Back
S2TPI02 S2TPE02	2	410	1645	1 x 610340: 1970 1 x 610430: 2055	40	40	4.0 ²	W/F	150	-
S2TPI03 S2TPE03	3	615	2470	1 x 610340: 2795 610430: 2880	40	40	4.8 ²	W/F	176	-
S2TPI04 S2TPE04	4	820	3290	1 x 610340: 3615 1 x 610430: 3700	40	40	5.5 ²	W/F/B	216	206
S2TPI05 S2TPE05	5	1025	4115	1 x 610430: 4525	40	40	7.0 ²	W/F/B	298	237
S2TPI06 S2TPE06	6	1230	4935	1 x 610430: 5345	40	40	7.8 ²	W/F/B	330	268
S2TPI07 S2TPE07	7	1435	5760	1 x 610430: 6170	50	50	8.6 ²	W/F/B	387	311
S2TPI08 S2TPE08	8	1640	6580	2 x 610430: 7400	50	50	10.6 ³	W/F/B	423	347
S2TPI09 S2TPE09	9	1845	7405	2 x 610430: 8225	50	65	11.4 ³	W/F/B	497	429
S2TPI10 S2TPE10	10	2050	8225	2 x 610430: 9045	50	65	12.2 ³	B	-	459
S2TPI12 S2TPE12	12	2460	9875	2 x 610430: 10695	50	65	14.8 ³	B	-	527
S2TPI14 S2TPE14	14	2870	11520	3 x 610430: 12750	65	65	15.5 ³	B	-	611
S2TPI16 S2TPE16	16	3280	13165	3 x 610430: 14395	65	80	16.9 ³	B	-	672
S2TPI18 S2TPE18	18	3690	14810	3 x 610430: 16040	80	80	18.5 ³	B	-	776

¹ Excludes tank

² Electrical supply 240V 50Hz. Supplied with 10 amp 3 pin plug and flex

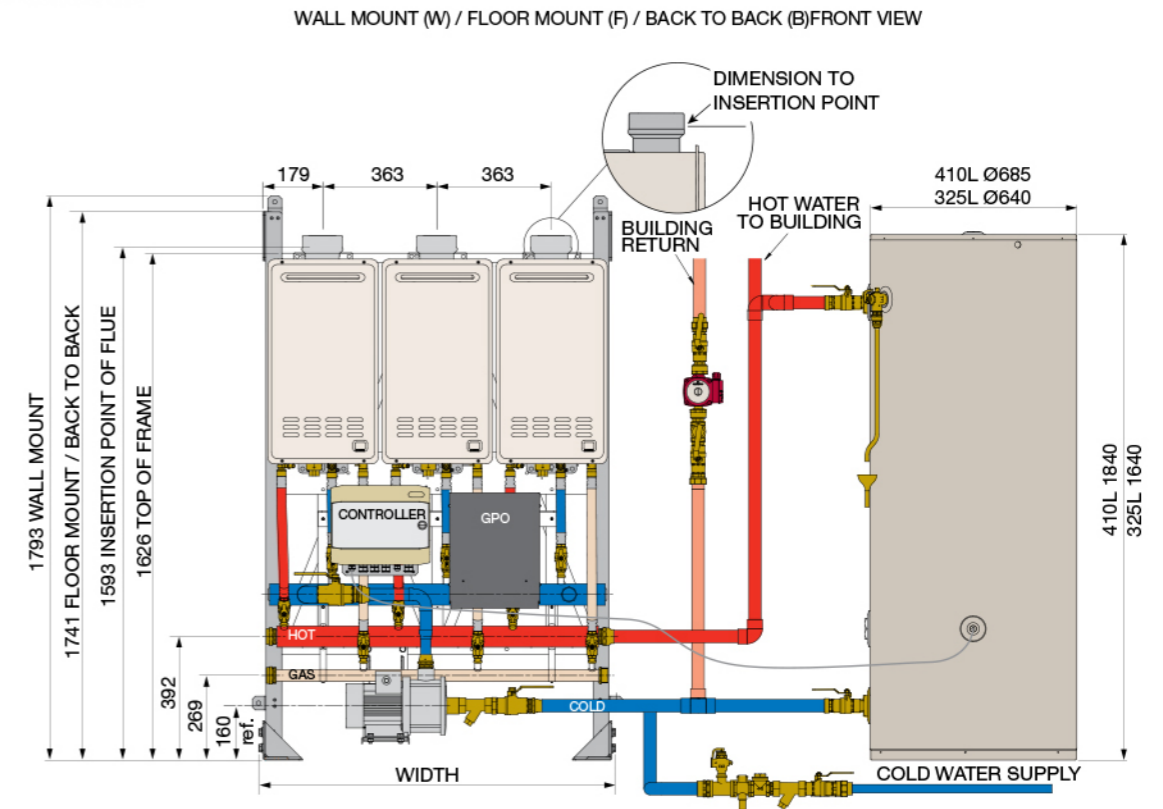
³ Electrical supply 240V 50Hz. Single hard wired connection

NOTE: Rheem indoor continuous flow models must be installed using a certified Rheem flue system. Always check with local authorities that the installation complies with all regulations applicable.

Product code example	No. of units	Gas type	Mounting option - see table above	Deluxe	No. of Tanks & model example
S2TPE (external) +	10 +	N (Natural gas) +	B (Back to Back) or W (Wall Mount) or F (Floor Mount)	D (Deluxe includes GPOs pre-wired and line strainer fitted) +	2 + 430
or		or	or	or	
S2TPI (internal)	10 +	L (ULPG) +	B (Back to Back) or W (Wall Mount) or F (Floor Mount)	D (Deluxe includes GPOs pre-wired and line strainer fitted) +	2 + 430

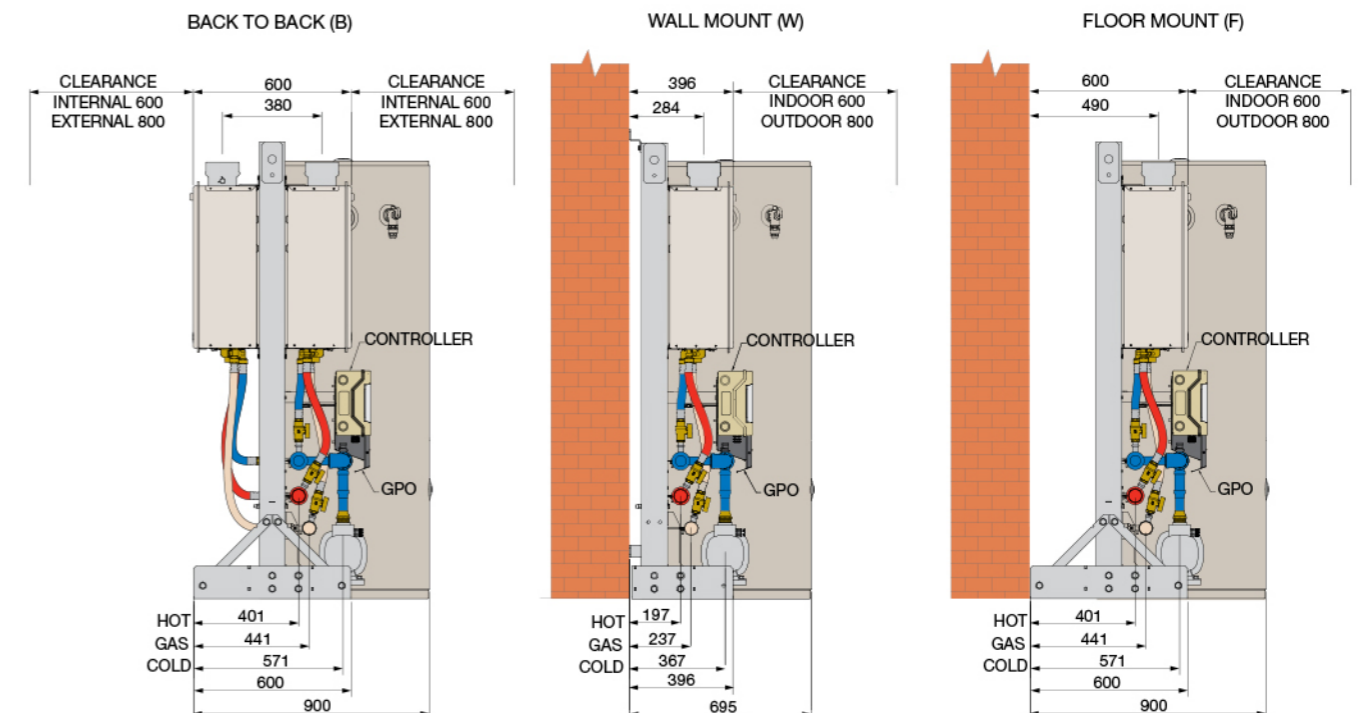
Order code result: S2TPE10NBD2430

Typical Installation shown



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WIDTH	No. of heaters	2	3	4	5	6	7	8	9	10	12	14	16	18
	In-line (mm)	1132	1132	1495	2239	2239	2965	2965	3346	-	-	-	-	-
	Back to back (mm)	-	-	1132	1132	1132	1495	1495	2239	2239	2239	2965	2965	3346



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TANKPAK® SERIES 2 QUICK SIZING GUIDE

Apartments 1 hr peak				Hotel Rooms 1 hr peak	Amenities 30 min peak	Nursing home 2 hr peak	Tankpak Series 2 Model	Recovery @ 50°C Rise (L/hr)	Storage Tank Capacity (L)	First Hour Capacity (L)	Thermal Input (MJ/h)
Studio ³	1 & 2 bedroom ³	2 bedroom ³	2 & 3 bedroom ³	1-3 Star ⁴	No. of showers ⁵	No. of beds ⁶					
78	34	26	23	39	45	53	S2TP*021340	1645	325	1970	410
82	35	27	24	41	49	54	S2TP*021430	1645	410	2055	410
111	48	37	33	55	62	78	S2TP*031340	2470	325	2795	615
115	50	38	34	57	65	79	S2TP*031430	2470	410	2880	615
144	62	48	43	72	78	102	S2TP*041340	3290	325	3615	820
148	64	49	44	74	82	103	S2TP*041430	3290	410	3700	820
181	78	60	54	90	98	128	S2TP*051430	4115	410	4525	1025
213	92	71	64	106	115	152	S2TP*061430	4935	410	5348	1230
246	107	82	74	123	131	176	S2TP*071430	5760	410	6170	1435
296	128	98	89	148	164	207	S2TP*082430	6580	820	7400	1640
329	143	109	99	164	180	231	S2TP*092430	7405	820	8225	1845
361	157	120	109	180	197	255	S2TP*102430	8225	820	9045	2050
427	186	142	129	213	230	304	S2TP*122430	9875	820	10695	2460
510	221	170	154	255	279	359	S2TP*143430	11520	1230	12750	2870
575	250	191	174	287	312	408	S2TP*163430	13165	1230	14395	3280
641	278	213	194	320	345	457	S2TP*183430	14810	1230	16040	3690

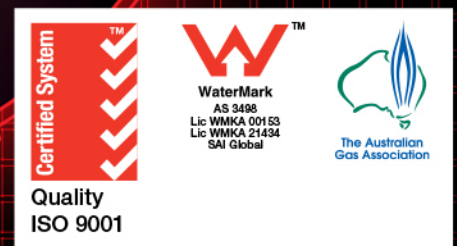
³ Allowance - Studio 25L, 1 bedroom 40L, 2 bedroom 75L, 3 bedroom 90L. Calculated on even ratio of apartment mix

⁴ Allowance - 2 people per room, 25L per person

⁵ Allowance - 25L per shower

⁶ Allowance - 37.5L per bed for showering, bed pans, cleaning, 6L per bed for meals, 24L per bed for laundry

* E (external) or I (indoor)



Let Rheem solve your next hot water problem.

Phone your local Rheem technical advisory service on 0800 657 336

Warranty (Commercial Applications)

5 year warranty on cylinder and heat exchanger, 1 year on parts and labour

CFWH heat exchanger warranty is 1 year when set to a temperature above 75°C. For full details please contact your nearest Rheem office.

Materials and specifications are subject to change without notice due to ongoing product improvement.

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Date of printing October 2018.

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