

# TANKPAK SERIES 2<sup>®</sup>

Prebuilt on a frame

FOR COMMERCIAL  
APPLICATIONS OF ALL SIZES



HIGH WIND  
RATING

FAST  
INSTALLATION

FAST  
COMMISSIONING

MEETS  
PEAK  
DEMAND

Top down heating for  
faster hot water delivery  
and better redundancy.



## High wind certified

Engineer certified for high wind rating (up to 45m depending on the location) and lifting lugs are also engineer certified.

## Fast commissioning

TankPak's top down heating design delivers hot water to the building instantly.

## Fast installation

Rheem factory-tests each order before supplying the entire CFWH system, including GPOs, pump and controller so there are no delays on site.

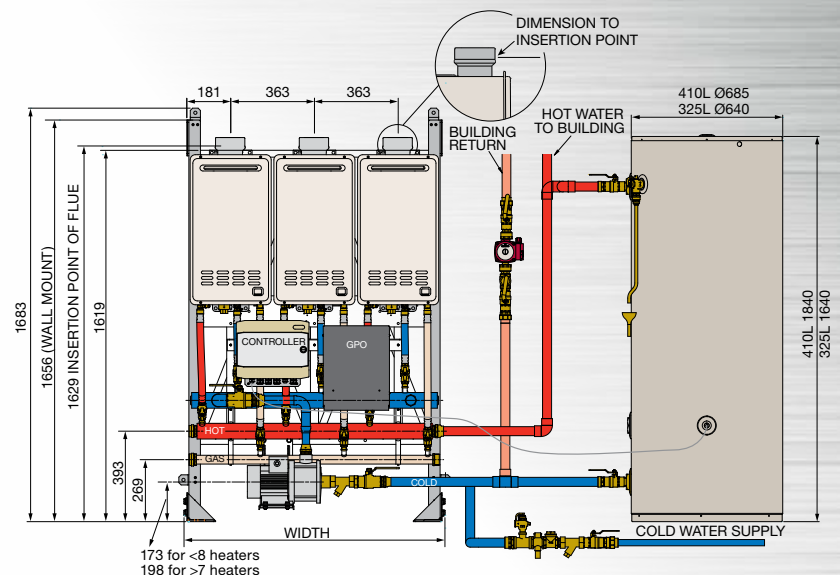
## Meets peak demand

TankPak's top down heating design and tank storage with large flow 50mm fittings, meet peak simultaneous demands.

Built-in redundancy.

Innovative plumbing design provides a direct line from the water heater to the building which means there's no interruption to hot water supply during maintenance.

## Wall Mount (W) / Floor Mount (F) / Back To Back (B)



## More key features

- Watermark AS-NZS 4020 certified
- Modular frame system allows easy dismantling
- Plumb to right or left hand side
- Wall and floor mounted in line and back-to-back options
- Variety of storage tank options suitable for sanitisation applications

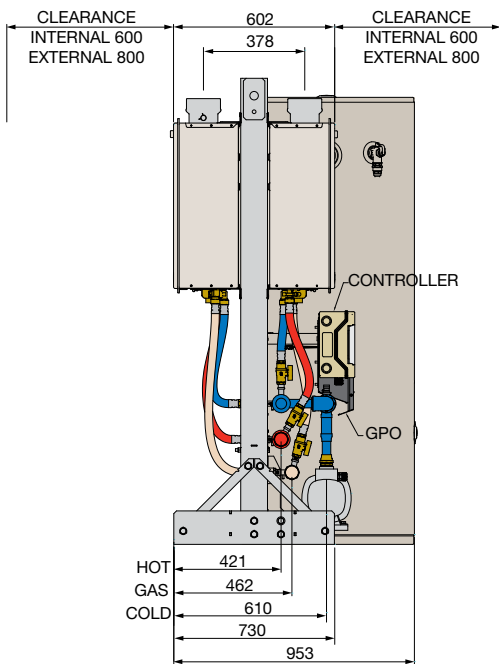
TankPak Series 2<sup>®</sup> warranty: 5 years on VE cylinder,  
8 years on SS cylinder, 1 year on heat exchanger,  
1 year on parts & labour

# TECHNICAL DATA

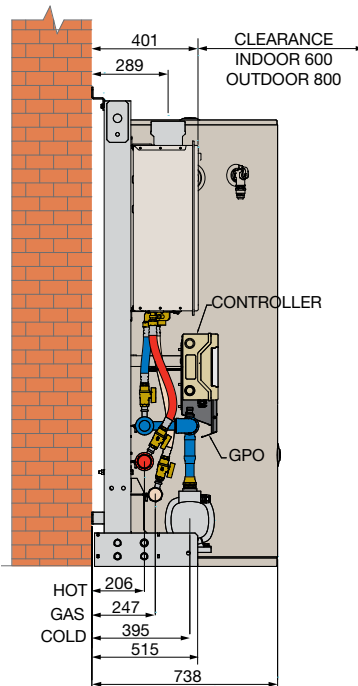
TANKPAK MODEL	INTERNAL EXTERNAL	S2TPI 02 S2TPE 02	S2TPI 03 S2TPE 03	S2TPI 04 S2TPE 04	S2TPI 05 S2TPE 05	S2TPI 06 S2TPE 06	S2TPI 07 S2TPE 07
Thermal Input	MJ/h	410	615	820	1025	1230	1435
Recovery Rate at 50°C rise	L/hr	1645	2470	3290	4115	4935	5760
Mounting options		W/F	W/F	W/F/B	W/F/B	W/F/B	W/F/B
Storage Tank Options		1 x A610340 1 x A610430	1 x A610340 1 x A610430	1 x A610340 1 x A610430	- 1 x A610430	- 1 x A610430	- 1 x A610430
1st Hour Capacity (340L)	Litres	1970	2795	3615	-	-	-
1st Hour Capacity (430L)	Litres	2055	2880	3700	4525	5345	6170
Electrical Supply (240V/50Hz)	Amps	4.0	4.8	5.5	7.0	7.8	8.6
Electrical Connection		1.8m 10A Plug and Lead					
PHWF & PHWR Pipe Size	mm	25	32	40	40	40	50
Natural Gas Pipe Size	mm	40	40	50	50	50	50
ULPG Pipe Size	mm	32	32	32	32	32	32
Width (Inline)	mm	755	1118	1481	1844	2207	2570
Width (Back to Back)				755	1118	1118	1481
Weight Empty (F/B)*	kg	239	278	314/297	375/338	413/363	458/405

\* Weight includes CFWH unit, storage tank empty, pump, frame and preassembled manifolds. Tankpak models with 1 x CFWH are supplied loose with CFWH, pump & controller separately. The CFWH must be mounted on a vertical wall or use Mounting Bracket 299237.

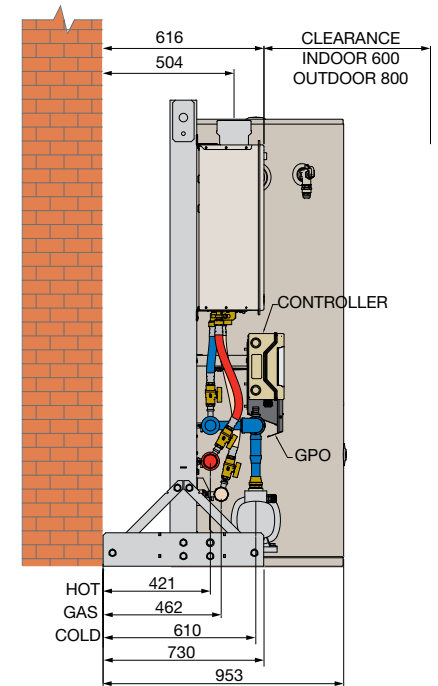
## Back To Back (B)



## Wall Mount (W)



## Floor Mount (F)



# TECHNICAL DATA

TANKPAK MODEL	INTERNAL EXTERNAL	S2TPI 08 S2TPE 08	S2TPI 09 S2TPE 09	S2TPI 10 S2TPE 10	S2TPI 12 S2TPE 12	S2TPI 14 S2TPE 14	S2TPI 16 S2TPE 16	S2TPI 18 S2TPE 18
Thermal Input	MJ/h	1640	1845	2050	2460	2870	3280	3690
Recovery Rate at 50°C rise	L/hr	6580	7405	8225	9875	11520	13165	14810
Mounting options		W/F/B	W/F/B	B	B	B	B	B
Storage Tank Options		-	-	-	-	-	-	-
		2 x A610430	2 x A610430	2 x A610430	2 x A610430	3 x A610430	3 x A610430	3 x A610430
1st Hour Capacity (340L)	Litres	-	-	-	-	-	-	-
1st Hour Capacity (430L)		7400	8225	9045	10695	12750	14395	16040
Electrical Supply (240V/50Hz)	Amps	10.6	11.4	12.2	14.8	15.5	16.9	18.5
Electrical Connection		240V 50Hz Single phase hard wired connection						
PHWF & PHWR Pipe Size	mm	50	50	50	50	65	65	65
Natural Gas Pipe Size	mm	65	65	65	80	80	80	80
UPLG Gas Pipe Size		40	40	40	40	50	50	50
Width (Inline)	mm	2933	3296	-	-	-	-	-
Width (Back to Back)		1481	1844	1844	2207	2570	2933	3296
Weight Empty (F/B)*	kg	617/551	677/622	646	712	897	962	1062

## How to specify/order the right model

PRODUCT CODE EXAMPLE	NO. OF UNITS	GAS TYPE	MOUNTING OPTION	NO. OF TANKS AND CAPACITY
S2TPE (external) + or S2TPI (internal)	10 +	N (Natural gas) + or P (ULPG)	B (Back to Back) + or W (Wall Mount) or F (Floor Mount)	D (Deluxe) /2 + 430

Order code result: **S2TPE10NBD/2430** For Tankpak Series 2<sup>®</sup> with 10 Natural Gas units mounted back to back, pre-wired (deluxe) with 2x 430L storage tanks.  
NB: 340 & 430L tanks can be supplemented or replaced by RT1000-5000L options - see Page 59.

TANKPAK QUICK SIZING GUIDE											
Studio <sup>a</sup>	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)
	1 & 2 bedroom <sup>a</sup>	2 bedroom <sup>a</sup>	2 & 3 bedroom <sup>a</sup>								
49	21	16	14	24	32	30	S2TP01/1430**	825	410	1235	205
82	35	27	24	41	49	54	S2TP02/1430	1645	410	2055	410
115	50	38	34	57	65	79	S2TP03/1430	2470	410	2880	615
148	64	49	44	74	82	103	S2TP04/1430	3290	410	3700	820
181	78	60	54	90	98	128	S2TP05/1430	4115	410	4525	1025
213	92	71	64	106	115	152	S2TP06/1430	4935	410	5348	1230
246	107	82	74	123	131	176	S2TP07/1430	5760	410	6170	1435
296	128	98	89	148	164	207	S2TP08/2430	6580	820	7400	1640
329	143	109	99	164	180	231	S2TP09/2430	7405	820	8225	1845
361	157	120	109	180	197	255	S2TP10/2430	8225	820	9045	2050
427	186	142	129	213	230	304	S2TP12/2430	9875	820	10695	2460
510	221	170	154	255	279	359	S2TP14/3430	11520	1230	12750	2870
575	250	191	174	287	312	408	S2TP16/3430	13165	1230	14395	3280
641	278	213	194	320	345	457	S2TP18/3430	14810	1230	16040	3690

\* Weight includes CFWH unit, storage tank empty, pump, frame and preassembled manifolds. Tankpak models with 1 x CFWH are supplied loose with CFWH, pump & controller separately. The CFWH must be mounted on a vertical wall or use Mounting Bracket 299237.

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

b Allowance - 2 people per room, 25L per person.

c Allowance - 25L per shower.

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

\*\*Concept system only.