

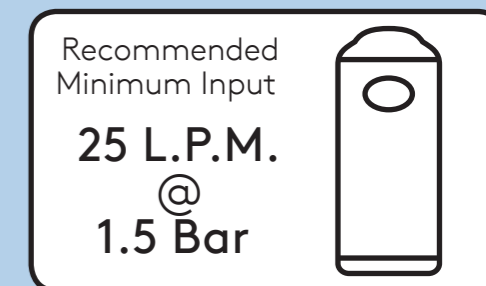
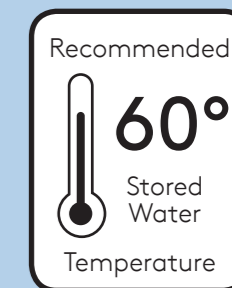
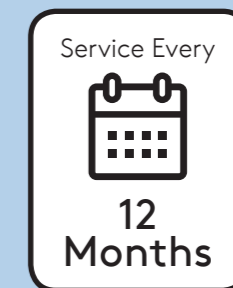
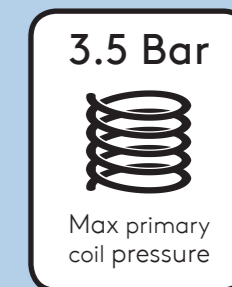
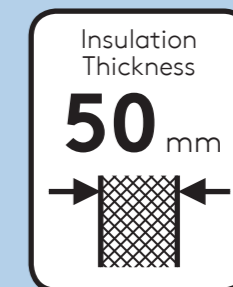
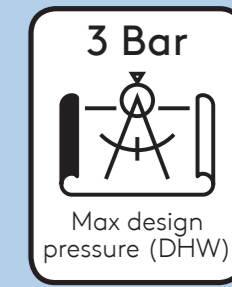
Technical Performance and Specification Data - Fiche

Kingspan Range Tribune HE Unvented Hot Water Cylinders With External Thermal Expansion



Cap (L)	ERP Codes	Energy Rating	Standing Loss (W)	Height (mm)	Diameter (mm)	Weight Empty (kg)	Weight Full (kg)	Additional Weight for Pre Plumb (kg)	Capacity (Litre)	Heat-up Time (Minutes)	Heat Loss (kW/24Hr)	Pressure Drop	Product specifics					
													AEC - kWh/Y	Load Profile	Efficiency %			
Direct unvented hot water cylinders																		
90	TD90ERP	C	49	745	550	25	116.0	N/A	91	98	1.18	N/A	2689	L	38.1 [‡]			
120	TD120ERP	B	50	933	550	30	153.8	N/A	123.8	114	1.19	N/A	1222	M	34.9 [‡]			
150	TD150ERP	C	68	1120	550	35	189.6	N/A	154.6	127	1.62	N/A	2628	L	39.0 [‡]			
180	TD180ERP	C	69	1308	550	40	225	N/A	185	140	1.66	N/A	2689	L	41.0 [‡]			
210	TD210ERP	C	73	1496	550	45	260.4	N/A	215.4	153	1.76	N/A	2672	L	38.3 [‡]			
250	TD250ERP	C	91	1746	550	50	305.7	N/A	255.7	170	2.19	N/A	2669	L	38.4 [‡]			
300	TD300ERP	C	87	2055	550	55	360	N/A	305	182	2.09	N/A	2504	L	40.9 [‡]			
Slimline Direct unvented hot water cylinders																		
60	TDS60ERP	C	46	714	478	20	83	N/A	63	60	1.11	N/A	1383	M	37.1 [‡]			
90	TDS90ERP	B	55	1091	478	24	128	N/A	104	84	1.32	N/A	872	M	58.9 [‡]			
120	TDS120ERP	C	58	1279	478	28	153	N/A	125	94	1.38	N/A	2589	L	39.5 [‡]			
150	TDS150ERP	C	65	1467	478	33	179	N/A	146	105	1.57	N/A	2689	L	38.1 [‡]			
180	TDS180ERP	C	73	1717	478	37	211	N/A	174	118	1.76	N/A	2640	L	38.8 [‡]			
210	TDS210ERP	C	87	2030	478	41	250	N/A	209	134	2.09	N/A	2597	L	39.4 [‡]			
Indirect unvented hot water cylinders & Pre-Plumb variants																		
90	TI90ERP	C	49	745	550	30	117.9	N/A	87.9	18	1.18	0.16	0.67	3.69	17.98			
120	TI120ERP, TI120P4ERP, TI120PT3ERP, TI120PT4ERP	B	50	933	550	35	155.1	11	120.1	24	1.19	0.14	0.67	3.69	18.49			
150	TI150ERP, TI150P4ERP, TI150PT3ERP, TI150PT4ERP	C	68	1120	550	35	185.4	11	150.4	27	1.62	0.16	0.77	4.22	19.72			
180	TI180ERP, TI180P4ERP, TI180PT3ERP, TI180PT4ERP	C	69	1308	550	45	225.6	11	180.6	33	1.66	0.15	0.77	4.22	20.17			
210	TI210ERP, TI210P4ERP, TI210PT3ERP, TI210PT4ERP	C	73	1496	550	50	260.6	11	210.6	35	1.76	0.17	0.86	4.75	21.35			
250	TI250ERP, TI250P4ERP, TI250PT3ERP, TI250PT4ERP	C	91	1746	550	55	305.9	12	250.9	41	2.19	0.17	0.86	4.75	22.4			
300	TI300ERP, TI300P4ERP, TI300PT3ERP, TI300PT4ERP	C	87	2055	550	60	360.3	12	300.3	52	2.09	0.16	0.86	4.75	21.43			
Slimline Indirect unvented hot water cylinders																		
60	TIS60ERP	C	46	714	478	26	89	N/A	59	12	1.11	0.10	0.66	3.7	19.6			
90	TIS90ERP	C	55	1091	478	27	131	N/A	100	21	1.32	0.16	0.66	3.66	17.41			
120	TIS120ERP	C	58	1279	478	31	156	N/A	121	26	1.38	0.14	0.66	3.66	17.15			
150	TIS150ERP	C	65	1467	478	36	182	N/A	142	27	1.57	0.16	0.76	4.19	19.9			
180	TIS180ERP	C	73	1717	478	40	214	N/A	170	33	1.76	0.15	0.76	4.19	19.69			
210	TIS210ERP	C	87	2030	478	44	253	N/A	205	42	2.09	0.17	0.76	4.19	18.02			
Solar twin coil unvented hot water cylinders & Pre-Plumb variants																		
180	TT180ERP, TT180P4ERP, TT180PT4ERP	C	69	1308	550	60	228	11	178	36	1.66	0.15	57	0.77	3.69	18.48	0.67	3.69
210	TT210ERP, TT210P4ERP, TT210PT4ERP	C	73	1496	550	65	259.6	11	204.6	35	1.76	0.17	67	0.86	4.75	19.75	0.77	4.22
250	TT250ERP, TT250P4ERP, TT250PT4ERP	C	91	1746	550	70	307	12	247	41	2.19	0.17	95	0.86	4.75	20.68	0.77	4.22
300	TT300ERP, TT300P4ERP, TT300PT4ERP	C	87	2055	550	75	360.6	12	295.6	49	2.46	0.16	94	0.86	4.75	22.08	0.86	4.75
Solar single coil unvented hot water cylinders																		
180	TSS180ERP	C	69	1308	550	60	228	N/A	178	36	1.66	0.15	89	0.67	3.69	18.48	N/A	N/A
210	TSS210ERP	C	73	1496	550	65	259.6	N/A	204.6	36	1.76	0.17	92	0.86	4.75	19.75	N/A	N/A
250	TSS250ERP	C	91	1746	550	70	307	N/A	247	41	2.19	0.17	120	0.86	4.75	20.68	N/A	N/A
300	TSS300ERP	C	87	2055	550	75	360.6	N/A	295.6	49	2.46	0.16	120	0.86	4.75	22.08	N/A	N/A

All Cylinders



Technical Performance and Specification Data - Fiche

Kingspan Range Tribune HE Unvented Hot Water Cylinders With External Thermal Expansion

Quality standards



Kingspan are Charter Members of the Hot Water Association and undertake to meet the requirements of the Charter Scheme:

- To supply fit for purpose products clearly and honestly described
- To supply products that meet or exceed appropriate standards and building and water regulations
- To provide pre- and post-technical support
- To provide a clear and concise warranty details to customers.

For further details on the Charter, please visit www.hotwater.org.uk/hwa-charter

Unless otherwise stated the products listed on this technical performance and specification data sheet hold the following approves / certified quality standards:



BS EN 12897:2016
Water supply. Specification for indirectly heated unvented (closed) storage water heaters.



COMPONENTS SUPPLIED WITH ALL CYLINDERS



Installation and maintenance instructions
Spare part no: 026446



Inlet control set –with balanced Cold
3 bar PRV 6 bar expansion relief
Spare part no: 025070 /CONTSETALT533



Temperature & pressure relief valve
1/2" NPT x 15mm
Spare part No: VALVETP1/2ALT



Acetal tundish
15 x 22 mm
Spare part no: TUNDPL15ALT



External expansion vessel - DHW
150 litre units - 12 litre vessel
Spare part no: EXPVESB12ALT
180, 210 & 250 litre units - 18 litre vessel
Spare part no: EXPVES18ALT
300 litre units - 25 litre vessel
Spare part no: EXPVESB24ALT

COMPONENTS SUPPLIED WITH SELECTED CYLINDERS



Two port valve
Spare Part No: VALVE2PORTH



Immersion heater
Incoloy long life 3 kW immersion heater
Spare part no: TS9 - DIRECT & INDIRECT
Smart immersion: 026400



Smart immersion heater
Incoloy long life 3 kW immersion heater
Spare part no: 026400
(lower immersion on direct models only)



External expansion vessel - Central heating
Under 250 litre units - 18 litre vessel
Spare part no: 025007
300 litre units - 25 litre vessel
Spare part no: 025008



Filling Loop
Spare part no: FLOOP2



Circulating Pump
Spare part no: PUMPWYPERP



Dual thermostat
Spare part nos: STATOVALALTP



High limit thermostat
Spare part no: STATHIGHALT



TPOne B - Programmable room thermostat
Spare Part No: 026645



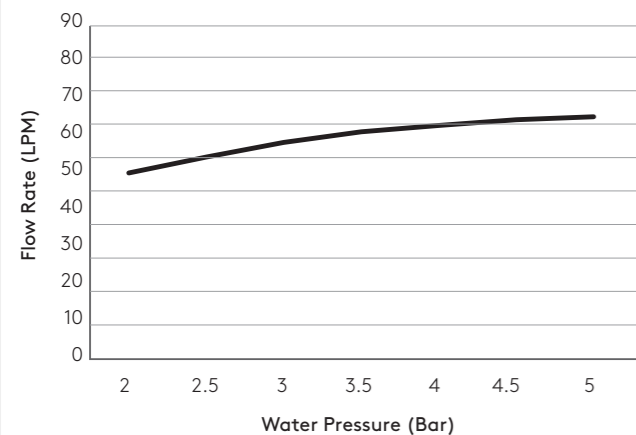
TPOne M - Two channel programmable room thermostat with DHW control
Spare Part No: 026646



Auto By-Pass SPV30
Spare Part No: VALVEARV22

FLOW RATES

Kingspan unvented cylinders are renowned for their ability to deliver fast flow rates. The diagram here illustrates the speed at which hot water can be heated and distributed reliably throughout the home.



COMMISSIONING NOTES FOR THE WILO CIRCULATOR PUMP

For pre-plumb cylinders with the Wilo circulating pump, ensure the pump is set up correctly. Close the valves above and below the pump so that it can be rotated with the control dial facing forwards, and re open the valves. Connect the power supply plug to the reverse of the pump. For system flushing or venting set the dial on the Wilo circulator to the air position; once complete make sure you switch it to the appropriate variable or constant speed mode for your system - check the boiler or heat pump manufacturer's instructions.

A full range of spare parts is available from our parts website www.kepartshop.com or Tel: 0345 260 0258.