

Technical Performance and Specification Data - Fiche

Kingspan Range Tribune Xe Unvented Hot Water Cylinders With Internal 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)	Coil Primary Flow (L.P.M.)	Coil Pressure Drop (Bar)	Product specifics			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 reopen 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.		
														AEC - kWh/Y	Load Profile	Efficiency %			
Direct unvented hot water cylinders																			
120	TXD120ERP	C	45	1000	580	30	155	N/A	125	56	1.087	N/A	N/A	2604	L	39.30			
150	TXD150ERP	C	48	1186	580	35	188	N/A	153	79	1.16	N/A	N/A	1315	M	39.00			
180	TXD180ERP	C	53	1368	580	40	220	N/A	180	93	1.27	N/A	N/A	2716	L	37.70			
210	TXD210ERP	C	57	1558	580	45	252	N/A	207	107	1.37	N/A	N/A	2735	L	37.40			
250	TXD250ERP	C	68	1805	580	50	293	N/A	243	125	1.64	N/A	N/A	2766	L	37.00			
300	TXD300ERP	C	73	2075	580	55	352	N/A	297	152	1.74	N/A	N/A	2622	L	39.00			
Indirect unvented hot water cylinders & Pre-Plumb variants																			
120	TXN120ERP, TXN120PERP, TXN120PTERP, TXN120POERP, TXN120PTOERP, TXN120PSBERP, TXN120PTSBERP	B	45	1000	580	35	154	10	119	22	1.087	15	0.023	0.67	3.70	20.00			
150	TXN150ERP, TXN150PERP, TXN150PTERP, TXN150POERP, TXN150PTOERP, TXN150PSBERP, TXN150PTSBERP	B	48	1186	580	40	189	10	149	25	1.16	15	0.053	0.77	4.20	22.00			
180	TXN180ERP, TXN180PERP, TXN180PTERP, TXN180POERP, TXN180PTOERP, TXN180PSBERP, TXN180PTSBERP	B	53	1368	580	45	223	10	178	28	1.27	15	0.051	0.86	4.75	24.00			
210	TXN210ERP, TXN210PERP, TXN210PTERP, TXN210POERP, TXN210PTOERP, TXN210PSBERP, TXN210PTSBERP	B	57	1558	580	50	255	10	205	30	1.37	15	0.054	0.86	4.75	24.00			
250	TXN250ERP, TXN250PERP, TXN250PTERP, TXN250POERP, TXN250PTOERP, TXN250PSBERP, TXN250PTSBERP	C	68	1805	580	55	297	10	242	34	1.64	15	0.055	0.96	5.28	24.00			
300	TXN300ERP, TXN300PERP, TXN300PTERP, TXN300POERP, TXN300PTOERP, TXN300PSBERP, TXN300PTSBERP	C	73	2075	580	60	346	10	286	44	1.74	15	0.064	0.96	5.28	24.00			
Solar twin coil unvented hot water cylinders & Pre-Plumb variants																			
180	TXSN180ERP, TXSN180PERP, TXSN180PTERP	B	53	1368	580	50	225	10	175	27	1.27	15	0.051	55	0.77	4.20	16.77	0.77	4.20
210	TXSN210ERP, TXSN210PERP, TXSN210PTERP	B	57	1558	580	55	256	10	201	29	1.37	15	0.054	65	0.86	4.75	17.70	0.77	4.20
250	TXSN250ERP, TXSN250PERP, TXSN250PTERP	C	68	1805	580	60	303	10	243	35	1.64	15	0.055	90	0.86	4.75	18.60	0.86	4.75
300	TXSN300ERP, TXSN300PERP, TXSN300PTERP	C	73	2075	580	65	350	10	285	40	1.74	15	0.064	100	0.96	5.28	19.64	0.86	4.75

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
Water supply. Specification for indirectly heated unvented (closed) storage water heaters.



COMPONENTS SUPPLIED WITH ALL CYLINDERS



Installation and maintenance instructions
Spare part no: 026447



Inlet control set – with balanced cold
3 bar PRV 8 bar expansion relief
Spare part no: 025069



Temperature & pressure relief valve
1/2" BSP x 15mm (10 bar/90°C)
Spare part No: VALVE3 / 4ALT10



Acetal tundish
15 x 22 mm
Spare part no: TUNDPL15ALT

COMPONENTS SUPPLIED WITH SELECTED CYLINDERS



Two port valve
Spare Part No: VALVE2PORTH



Integrated immersion heater
3kW - 14"
Spare part no: 025415



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



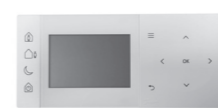
Integrated dual thermostat (immersion heater)
Spare part nos: 024317



Integrated dual thermostat (boiler)
Spare part no: 024316



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

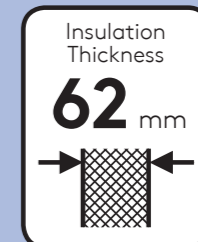
All Cylinders



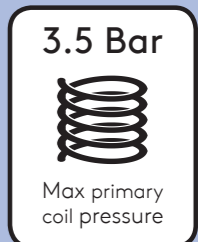
15 dB



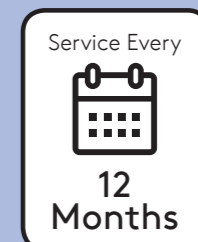
3 Bar
Max design pressure (DHW)



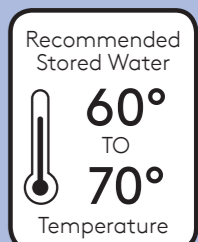
Insulation Thickness
62 mm



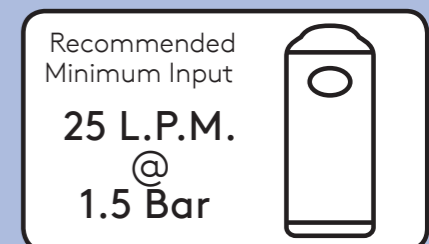
3.5 Bar
Max primary coil pressure



Service Every
12 Months



Recommended Stored Water
60° TO 70°
Temperature



Recommended Minimum Input
25 L.P.M.
@ 1.5 Bar

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