

Technical Performance and Specification Data - Fiches

Ultrasteel 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)	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														
120	AUD120ERP	B	50	933	550	30	153.8	123.8	113.75	1.19	N/A	1222	M	34.9 [†]
150	AUD150ERP	C	68	1120	550	35	189.6	154.6	126.87	1.62	N/A	2628	L	39.0 [†]
180	AUD180ERP	C	69	1308	550	40	225	185	TBC	1.66	N/A	2689	L	41.0 [†]
210	AUD210ERP	C	73	1496	550	45	210.4	215.4	152.71	1.76	N/A	2672	L	38.3 [†]
250	AUD250ERP	C	91	1746	550	50	305.7	255.7	169.86	2.19	N/A	2669	L	38.4 [†]
300	AUD300ERP	TBC	87	2055	550	55	360	305	TBC	2.09	N/A	TBC	TBC	TBC [†]
												Indirect Coil Surface Area	Indirect Coil Capacity (Litre)	Indirect Coil (kW Rating)
Indirect unvented hot water cylinders & Pre-Plumb variants														
120	AUI120ERP	B	50	933	550	35	155.1	120.1	23.85	1.19	0.14	0.67	3.69	18.49
150	AUI150ERP	C	68	1120	550	35	185.4	150.4	27	1.62	0.16	0.77	4.22	19.72
180	AUI180ERP	C	69	1308	550	45	225.6	180.6	32.5	1.66	0.15	0.77	4.22	20.17
210	AUI210ERP	C	73	1496	550	50	260.6	210.6	35.15	1.76	0.17	0.86	4.75	21.35
250	AUI250ERP	C	91	1746	550	55	305.9	250.9	40.62	2.19	0.17	0.86	4.75	22.4
300	AUI300ERP	C	87	2055	550	60	360.3	300.3	51.77	2.09	0.16	0.86	4.75	21.43

Spare Parts List



Inlet control set – with balanced Cold

3 bar PRV 6 bar expansion relief
Spare part no: 025070



Temperature & pressure relief valve

1/2" NPT x 15mm
Spare part No: VALVETP1/2ALT



Acetal tundish

15 x 22 mm
Spare part no: TUNDPL15ALT



Dual thermostat

Spare Part No: STATDUALTP



Two port valve

Spare Part No: VALVE2PORTH



Immersion heater

Incoloy long life 3 kW
Spare part no: TS9 -



Smart immersion heater

Incoloy long life 3 kW
Spare part no: 026400



External expansion vessel - DHW

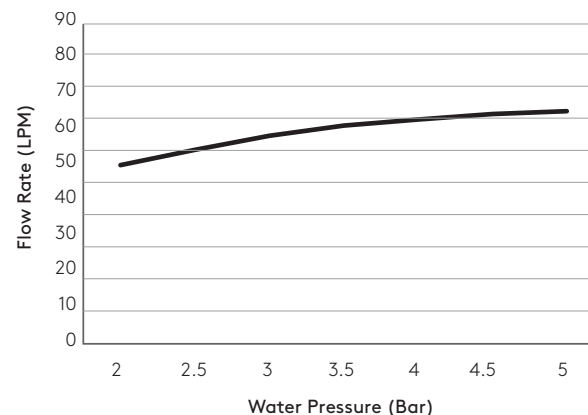
150 litre units - 12 litre vessel
Spare part no: EXPVESB12ALT

180, 210 & 250 litre units - 18 litre vessel
Spare part no: EXPVES18ALT

300 litre units - 25 litre vessel
Spare part no: EXPVESB24ALT

FLOW RATES

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.

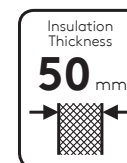


15 dB

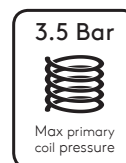


3 Bar

Max design pressure DHW

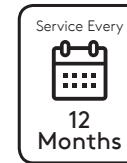


50 mm



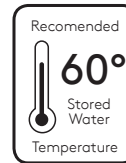
3.5 Bar

Max primary coil pressure



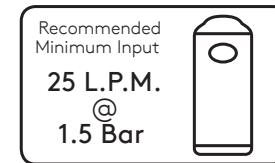
Service Every

12 Months



Recommended

60°
Stored Water Temperature



Recommended Minimum Input

25 L.P.M.
@
1.5 Bar