

Technical Performance and Specification Data - Fiche

Flomaster 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)	Pre Plumb 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	FD120ERP	B	50	933	550	30	153.8	N/A	123.8	113.75	1.19	N/A	1222	M	34.9 [†]
150	FD150ERP	C	68	1120	550	35	189.6	N/A	154.6	126.87	1.62	N/A	2628	L	39.0 [†]
180	FD180ERP	C	69	1308	550	40	225	N/A	185	TBC	1.66	N/A	2689	L	41.0 [†]
210	FD210ERP	C	73	1496	550	45	210.4	N/A	215.4	152.71	1.76	N/A	2672	L	38.3 [†]
250	FD250ERP	C	91	1746	550	50	305.7	N/A	255.7	169.86	2.19	N/A	2669	L	38.4 [†]
300	FD300ERP	C	87	2055	550	55	360	N/A	305	TBC	2.09	N/A	2504	L	40.9 [†]
													Indirect Coil Surface Area	Indirect Coil Capacity (Litre)	Indirect Coil (kW Rating)
Indirect unvented hot water cylinders & Pre-Plumb variants															
120	FN120ERP	B	50	933	550	35	155.1	N/A	120.1	23.85	1.19	0.14	0.67	3.69	18.49
150	FN150ERP	C	68	1120	550	40	185.4	N/A	150.4	27	1.62	0.16	0.77	4.22	19.72
180	FN180ERP	C	69	1308	550	45	225.6	N/A	180.6	32.5	1.66	0.15	0.77	4.22	20.17
210	FN210ERP	C	73	1496	550	50	260.6	N/A	210.6	35.15	1.76	0.17	0.86	4.75	21.35
250	FN250ERP	C	91	1746	550	55	305.9	N/A	250.9	40.62	2.19	0.17	0.86	4.75	22.4
300	FN300ERP	C	87	2055	550	60	360.3	N/A	300.3	51.77	2.09	0.16	0.86	4.75	21.43

Spare Parts List



Inlet control set – No balanced cold

3 bar PRV 6 bar expansion relief
Spare part no: 024762



Temperature & pressure relief valve

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



Acetal tundish

15 x 22 mm
Spare part no: TUNDPL15ALT



Auto By-Pass SPV30

Spare Part No: VALVEARV22



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.

