

Technical Performance and Specification Data - Fiche



3 Bar
Max design pressure D1HW

15 dB

3.5 Bar
Max primary coil pressure

50 mm
Insulation Thickness

Service Every **12 Months**

Recommended **60°** Stored Water Temperature

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

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	
Direct unvented hot water cylinders														
AEC - kWh/Y														
Load Profile														
Efficiency %														
120	NDIR125LERP	B	50	933	550	25	148.8	N/A	123.8	114	1.19	N/A	M	34.9
150	NDIR150LERP	C	68	1120	550	30	184.6	N/A	154.6	127	1.62	N/A	L	39.0
180	NDIR180LERP	C	69	1308	550	33	218	N/A	185	140	1.66	N/A	L	41.0
210	NDIR210LERP	C	73	1496	550	37	252.4	N/A	215.4	153	1.76	N/A	L	38.3
250	NDIR250LERP	C	91	1746	550	40	295.7	N/A	255.7	170	2.19	N/A	L	38.4
300	NDIR300LERP	C	87	2055	550	43	348	N/A	305	182	2.09	N/A	L	40.9
Slimline Direct unvented hot water cylinders														
AEC - kWh/Y														
Load Profile														
Efficiency %														
90	NDIRSL90LERP	B	55	1091	478	24	129	N/A	105	84	1.32	N/A	M	58.9
120	NDIRSL120LERP	C	58	1279	478	28	155	N/A	127	94	1.38	N/A	L	39.5
150	NDIRSL150LERP	C	65	1467	478	33	181	N/A	148	105	1.57	N/A	L	38.1
180	NDIRSL180LERP	C	73	1717	478	37	213	N/A	176	118	1.76	N/A	L	38.8
210	NDIRSL210LERP	C	87	2030	478	41	253	N/A	212	134	2.09	N/A	L	38.4
Indirect unvented hot water cylinders & Pre-Plumb variants														
Indirect Coil Surface Area														
Indirect Coil Capacity (Litre)														
Indirect Coil (kW Rating)														
120	NIND125ERP	B	50	933	550	28	148.1	N/A	120.1	24	1.19	0.14	3.69	18.49
150	NIND150ERP	C	68	1120	550	33	183.4	11	150.4	27	1.62	0.16	4.22	19.72
180	NIND180ERP	C	69	1308	550	37	217.6	11	180.6	33	1.66	0.15	4.22	20.17
210	NIND210ERP	C	73	1496	550	41	251.6	11	210.6	35	1.76	0.17	4.75	21.35
250	NIND250ERP	C	91	1746	550	45	295.9	12	250.9	41	2.19	0.17	4.75	22.4
300	NIND300ERP	C	87	2055	550	48	348.3	12	300.3	52	2.09	0.16	4.75	21.43
Slimline indirect unvented hot water cylinders														
Indirect Coil Surface Area														
Indirect Coil Capacity (Litre)														
Indirect Coil (kW Rating)														
90	NINDSL90LERP	C	55	1091	478	27	128	N/A	101	21	1.32	0.16	3.66	17.41
120	NINDSL120LERP	C	58	1279	478	31	154	N/A	123.2	26	1.38	0.14	3.66	17.15
150	NINDSL150LERP	C	65	1467	478	36	180	N/A	144	27	1.57	0.16	4.19	19.9
180	NINDSL180LERP	C	73	1717	478	40	212	N/A	172.1	33	1.76	0.15	4.19	19.69
210	NINDSL210LERP	C	87	2030	478	44	251	N/A	207.5	42	2.09	0.17	4.19	18.02
Solar Indirect unvented hot water cylinders														
Dedicated Solar Volume (Litre)														
Solar Coil Surface Area														
Solar Coil Capacity														
Solar Coil (kW Rating)														
180	NSIND180LERP	C	69	1308	550	41	219	N/A	178	36	1.66	0.15	0.67	3.69
210	NSIND210LERP	C	73	1496	550	46	250.6	N/A	204.6	35	1.76	0.17	0.77	4.22
250	NSIND250LERP	C	91	1746	550	49	296	N/A	247	41	2.19	0.17	0.77	4.22
300	NSIND300LERP	C	87	2055	550	52	347.6	N/A	295.6	49	2.46	0.16	0.86	4.75

‡ Smart immersion heater controller installed (Primary / lower immersion only)

Spare Parts List

<p>High flow rate inlet control set with balanced cold-water valve Spare Part No. CB091</p>	<p>Temperature and pressure relief valve Spare Part No. CB098</p>	<p>Two port valve Spare Part No. EC10008</p>	<p>Programmer - One Zone Spare Part No. EC10002</p> <p>Programmer - Two Zone Spare Part No. EC10003</p> <p>Room thermostat Spare Part No. EC10012</p>	<p>Immersion heater Incoloy long life 3 kW immersion heater Spare part no. CB099</p> <p>Titanium long life 3 kW immersion heater Spare part no. CB0150</p>
<p>Acetal tundish 5 x 22 mm Spare Part No. CB096</p>	<p>Expansion vessel - DHW 90 - 250 litre units Spare part no. CB144 300 litre units Spare part no. CB145</p>	<p>Dual thermostat Spare Part No. CB142</p>	<p>High limit thermostat Spare Part No. CB135</p>	<p>Smart immersion heater Incoloy long life 3 kW immersion heater Spare part no. CB0151 (lower immersion direct models only)</p>