

# Solar Commercial



Performance	300	400	500	800	1000	1250	1500
Hot Water Capacity (ltr)	278.5	377	483	732	1063	1185	1350
Heat Up Time ( $\Delta T$ 50°C)	35	46	58	71	89	96	115
1° Re-Heat time (70% draw off) 60L/min	11	15	21	28	34	38	41
1° Re-Heat time (70% draw off) 30L/min	16	21	29	40	48	52	54
1° Re-Heat time (70% draw off) 15L/min	24	38	47	71	81	90	104
Weight Empty (kg)	88	89	105.5	240	250	268	293
Weight Full (kg)	366.5	466	588	972	1313	1453	1643
Prim. Coil Surf. Area (m <sup>2</sup> )	1.21	1.21	1.21	2.86	2.86	4.00	4.00
Prim. Coil Rating @ 60L/min (kW)	46	46	46	73	73	95	95
Prim. Coil Rating @ 30L/min (kW)	36.72	36.72	36.72	50	50	54.67	54.67
Prim. Coil Rating @ 15L/min (kW)	21	21	21	31	31	34	34
Prim. Coil Press. Drop @ 15L/min (mbar)	19	19	19	16	16	26	26
Prim. Coil Press. Drop @ 30L/min (mbar)	29	29	29	65	65	75	75
Prim. Coil Press. Drop @ 60L/min (mbar)	245	245	245	335	335	350	350
Dedicated Solar Volume (ltr)	113.1	153.3	197.9	307.9	460.8	499	483
Solar Coil Surface Area (m <sup>2</sup> )	1.1	1.1	1.1	2	2	2.5	2.5
Solar Coil Rating @ 60L/min (kW)	43	43	43	57	57	68	68
Cont. Output @ 60°C $\Delta T$ 50°C (L/hr)	453	453	453	1110	1110	1282	1282

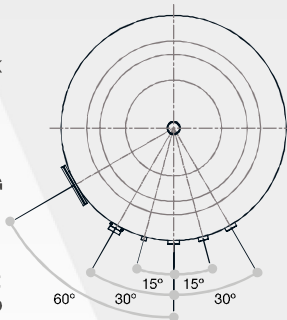
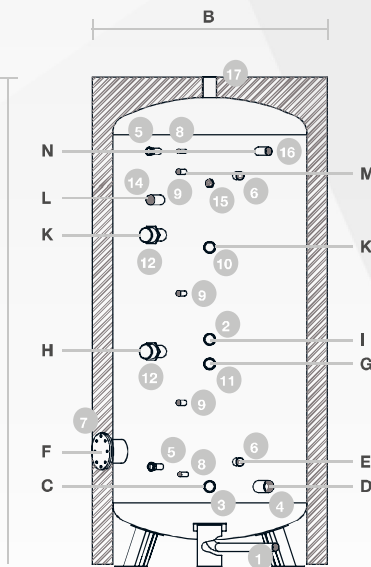
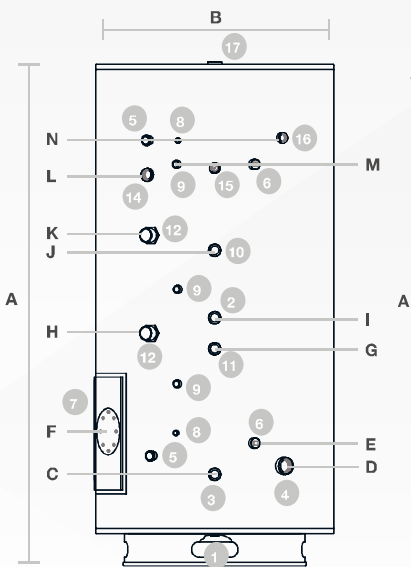


For information on Immersion Heater options see page 71.

Connection Sizes & Safety		300	400	500	800	1000	1250	1500
	Hot & Cold Conn. Ø BSP F (")	1.5	1.5	1.5	2	2	2	2
	Prim. Coil Conn. Ø BSP F (")	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Solar Coil Conn. Ø BSP F (")	1	1	1	1	1	1	1
	Secondary Return Ø BSP F (")	1.25	1.25	1.25	1.25	1.25	1.5	1.5
	T&P Connection Ø BSP F (")	0.75	0.75	0.75	0.75	0.75	1	1
3 bar	T&P Press. Set. (bar)	7	7	7	7	7	7	7
	Exp. Relief Set. (bar)	6	6	6	6	6	6	6
6 bar	T&P Press. Set. (bar)	10	10	10	10	10	10	10
	Exp. Relief Set. (bar)	8	8	8	8	8	8	8

**300 - 800 Ltr**

**1000 - 1500 Ltr**



- 1 Drain
- 2 Boiler Return
- 3 Solar Return
- 4 Cold Water Inlet
- 5 Temperature Gauge (fact. fitted)
- 6 Heat Source F&R / D-strat (28mm)
- 7 Inspection Hatch c/w Plastic Cover (optional)
- 8 Dry Sensor Pocket
- 9 Aquastat Pocket
- 10 Boiler Flow
- 11 Solar Flow
- 12 Titanium Immersion (fact. fitted)
- 14 Secondary Return
- 15 Pressure Gauge
- 16 T&P Relief Valve
- 17 Hot Water Draw Off

Dimensions	300	400	500	800	1000	1250	1500
Cylinder Height A (mm)	1670	1670	2030	2050	2170	2200	2400
Cylinder Diameter B (mm)	620	710	710	920	1100	1150	1150
Connection Height C (mm)	335	350	350	395	900	950	950
Connection Height D (mm)	335	350	350	420	425	410	410
Connection Height E (mm)	425	440	440	515	525	530	530
Connection Height F (mm)	475	490	490	560	580	580	580
Connection Height G (mm)	665	670	800	845	850	820	1050
Connection Height H (mm)	715	720	860	905	910	880	1110
Connection Height I (mm)	765	770	920	965	970	940	1170
Connection Height J (mm)	1145	1095	1300	1345	1350	1320	1550
Connection Height K (mm)	1195	1145	1360	1405	1410	1380	1610
Connection Height L (mm)	1305	1245	1550	1505	1560	1580	1810
Connection Height M (mm)	1340	1300	1660	1550	1700	1630	1890
Connection Height N (mm)	1430	1390	1730	1655	1800	1750	2010



Inspection port must be ordered separately. Only standard on Multi Energy cylinders 1000L and over capacity.

ErP	300	400	500	800	1000	1250	1500
Storage volume V in ltr	278.5	377	483	732	1063	1185	1350
Standing Loss (W)	92	102	115	121	124	135	160
Energy Efficiency Class	C	C	C	C	C	C	C