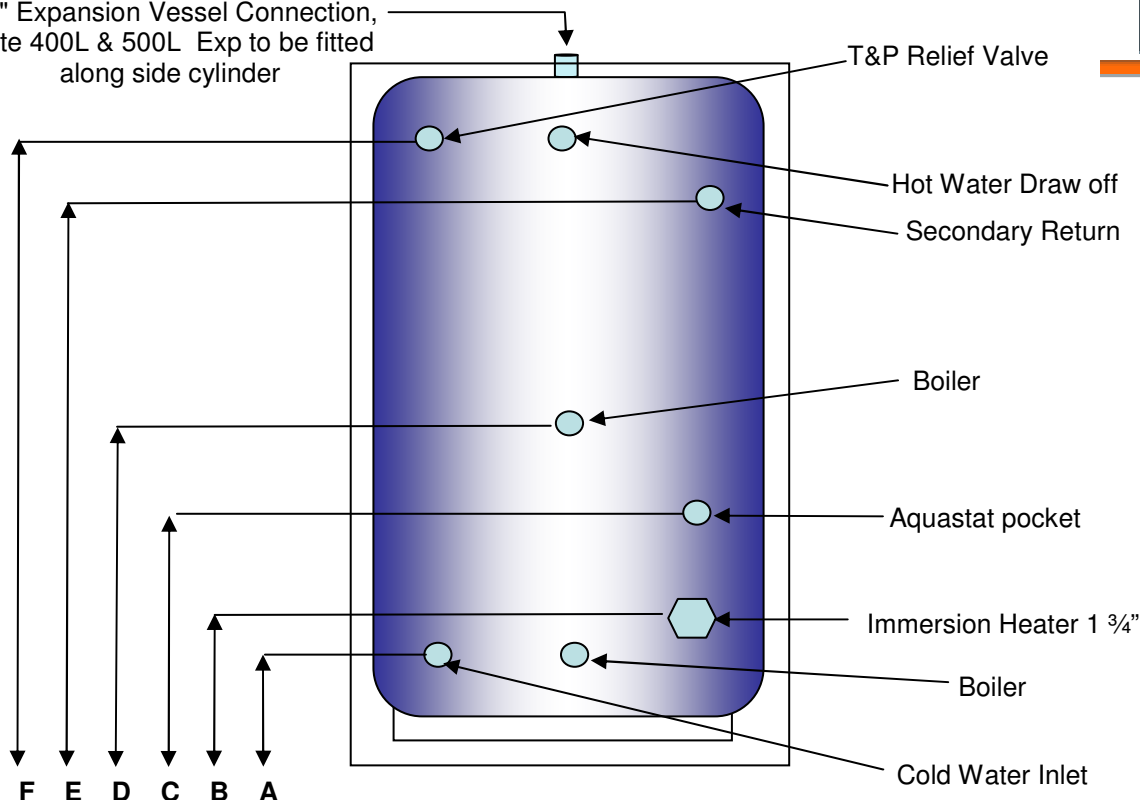


Dimensions - Aquacyl Indirect



3/4" Expansion Vessel Connection,
Note 400L & 500L Exp to be fitted
along side cylinder



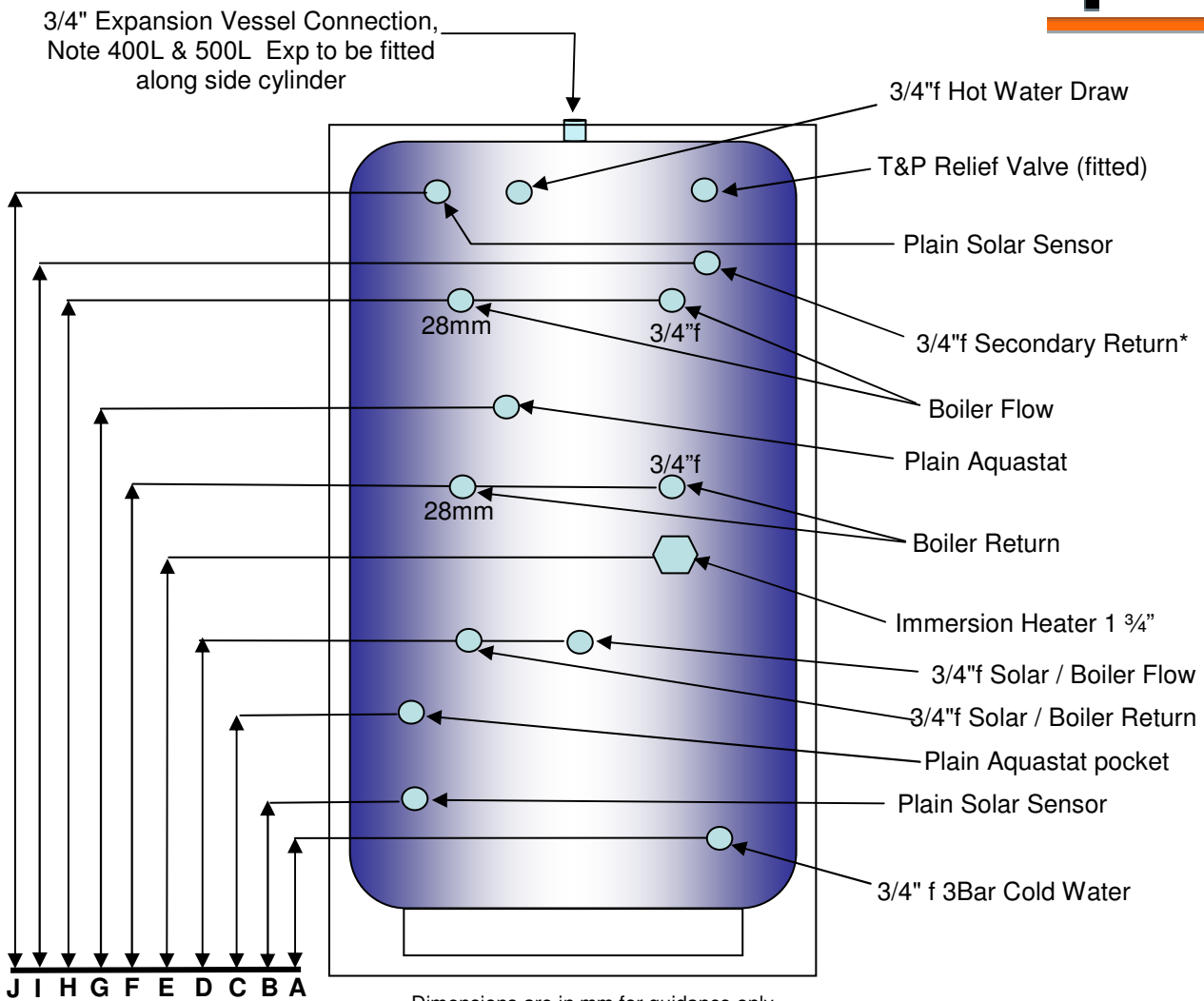
Cap (L)	90	125	150	170	200	250	300	400	500
With/EXP	1030	1215	1340	1480	1400	1790	2110	N/A	N/A
Height	750	935	1060	1200	1120	1330	1650	1590	1835
Dia	510	510	510	510	554	554	554	660	660
A	170	170	170	170	195	195	195	240	240
B	200	200	200	200	225	225	225	270	270
C	400	400	400	450	475	555	555	640	640
D	495	495	495	600	625	845	845	870	890
E	N/A	N/A	N/A	N/A	815	975	1255	1240	1390
F	550	750	880	1030	930	1140	1435	1340	1590

Cap (L)	Time to re-heat from cold 15 °C	Time to re-heat from 75% draw-off with Boiler
90Ltr	26 Min	18Min
125Ltr	36 Min	25 Min
150Ltr	37 Min	26 Min
170Ltr	36 Min	25 Min
200Ltr	33 Min	24 Min
250Ltr	35Min	25Min
300Ltr	40Min	29Min
400Ltr	45min	35Min
500Ltr	50	30Min

Foam Information
ODP Ozone Depletion potential = 0
GWP Global warning Potential = 2.2
Foam Type = Polyurethane
British Standard 1566,D:2002
Parts supplied
Dual High Limit Stat
3Kw Immersion Heater 240V single Phase
Zilmet Expansion Vessel
Temperature & Pressure Relief
3Bar Inlet Control Group
2 port motorized valve

Cap (L)	24Hrs Standing Heat Loss	Immersion Heater
90Ltr	1.63Kw	1x 3Kw 240v single phase
125Ltr	1.70Kw/24Hrs	1x 3Kw 240v single phase
150Ltr	1.92Kw/24Hrs	1x 3Kw 240v single phase
170Ltr	2.04Kw/24Hrs	1x 3Kw 240v single phase
200Ltr	2.45Kw/24Hrs	1x 3Kw 240v single phase
250Ltr	2.69Kw/24Hrs	1x 3Kw 240v single phase
300Ltr	2.71Kw/24Hrs	1x 3Kw 240v single phase
400Ltr	2.94Kw/24Hrs	1x 3kw 240v Single phase
500Ltr	3.15Kw/24Hrs	1x 3Kw 240v Single phase

Dimensions - Aquacyl Triple Coil Information Data



Dimensions are in mm for guidance only.

Cap (L)	200	250	300	500
With EXP	1400	1790	2110	N/A
Height	1120	1330	1650	1835
Dia	554	554	554	660
A	190	190	190	235
B	245	245	245	285
C	390	390	390	435
D	500	500	500	620
E	545	575	570	715
F	585	640	640	820
G	780	890	885	1120
H	890	1025	1250	1390
I	890	1025	1020	1260
J	930	1140	1430	1590

Cap (L)	24Hrs Standing Heat Loss	Immersion Heater	Boiler & Solar Cap (L)
170Ltr	2.04Kw/24Hrs	1x 3Kw 240v single phase	50% Solar 50% Boiler
200Ltr	2.45Kw/24Hrs	1x 3Kw 240v single phase	50% Solar 50% Boiler
250Ltr	2.69Kw/24Hrs	1x 3Kw 240v single phase	50% Solar 50% Boiler
300Ltr	2.71Kw/24Hrs	1x 3Kw 240v single phase	50% Solar 50% Boiler
500Ltr	3.15Kw/24Hrs	1x 3Kw 240v Single phase	50% Solar 50% Boiler

Parts supplied
2X Dual High Limit Stat
1x 3Kw Immersion Heater 240V single Phase
Zilmet Expansion Vessel
Temperature & Pressure Relief
3Bar Inlet Control Group
2 port motorized valve

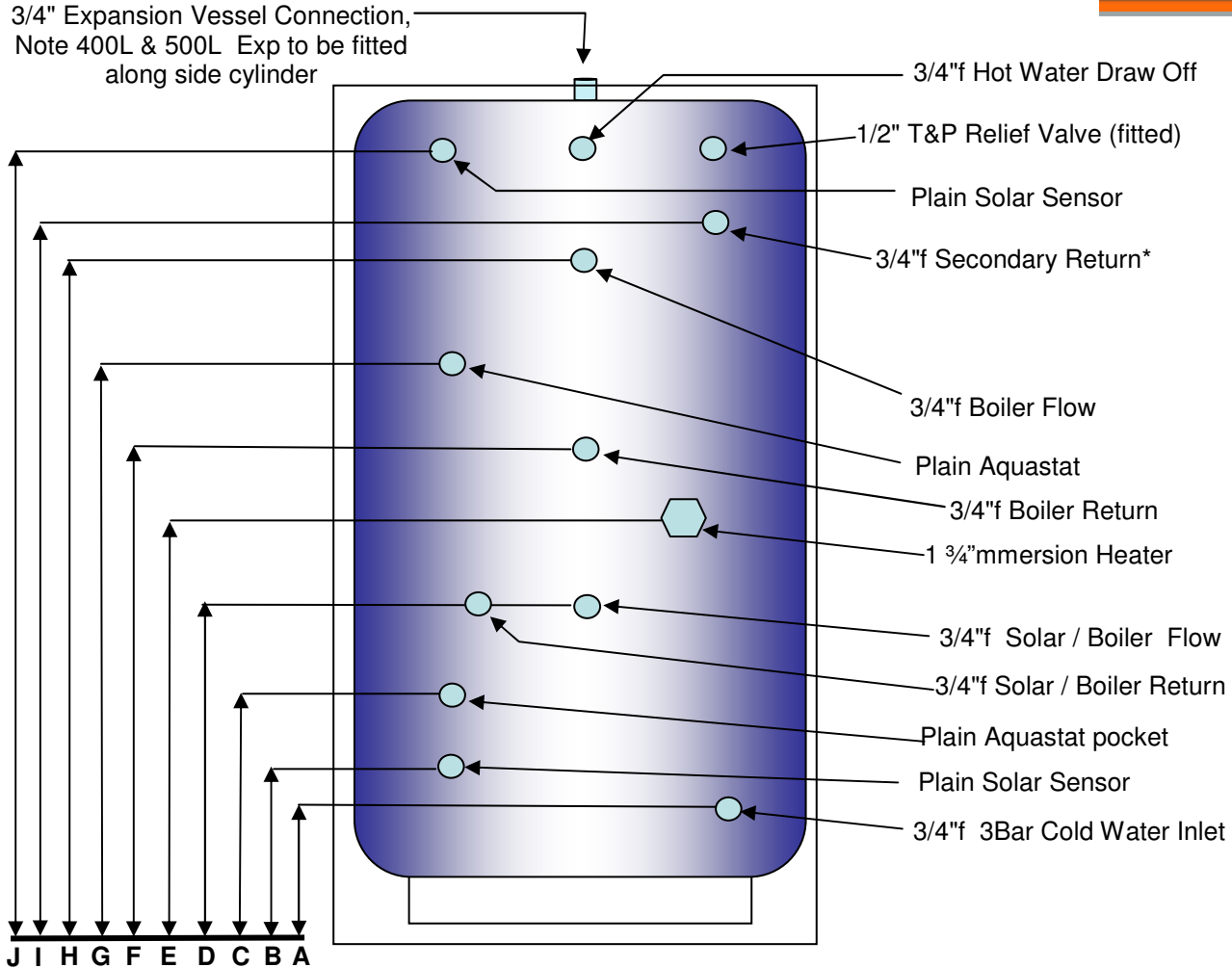
Cap (L)	Time to re-heat from 75% draw-off with Solar	Time to re-heat from 75% draw-off with Boiler	Time to re-heat from 75% draw-off with Boiler
170Ltr	Dependent on UV	85Ltr = 18Min	85Ltr = 18Min
200Ltr	Dependent on UV	100Ltr = 20Min	100Ltr = 20Min
250Ltr	Dependent on UV	125Ltr = 25Min	125Ltr = 25Min
300Ltr	Dependent on UV	150Ltr = 26Min	150Ltr = 26Min
500Ltr	Dependent on UV	250Ltr = 25Min	250Ltr = 25Min

Foam Information
ODP Ozone Depletion potential = 0
GWP Global warning Potential = 2.2
Foam Type = Polyurethane
British Standard 1566,D:2002

Aquacyl Twin Coil / Solar Information Data



3/4" Expansion Vessel Connection,
Note 400L & 500L Exp to be fitted
along side cylinder



Cap (L)	170	200	250	300	500
With EXP	1480	1400	1330	2110	N/A
Height	1200	1120	1330	1650	1835
Dia	510	554	554	554	660
A	175	190	190	190	235
B	175	245	245	245	285
C	395	390	390	390	435
D	500	500	500	500	620
E	535	545	575	570	715
F	585	585	640	640	820
G	865	780	890	885	1120
H	N/A	890	1025	1250	1390
I	1015	890	1025	1020	1260
J	1040	930	1140	1430	1590
With EXP	1480	1400	1330	2110	N/A

Cap (L)	24Hrs Standing Heat Loss	Immersion Heater	Boiler & Solar Cap (L)
170Ltr	2.04Kw/24Hrs	1x 3Kw 240v single phase	50% Solar 50% Boiler
200Ltr	2.45Kw/24Hrs	1x 3Kw 240v single phase	50% Solar 50% Boiler
250Ltr	2.69Kw/24Hrs	1x 3Kw 240v single phase	50% Solar 50% Boiler
300Ltr	2.71Kw/24Hrs	1x 3Kw 240v single phase	50% Solar 50% Boiler
500Ltr	3.15Kw/24Hrs	1x 3Kw 240v Single phase	50% Solar 50% Boiler

Parts supplied
2x Dual High Limit Stat
1x 3Kw Immersion Heater 240V single Phase
1x Zilmet Expansion Vessel
1x Temperature & Pressure Relief
1x 3Bar Inlet Control Group
1x 2 port motorized valve

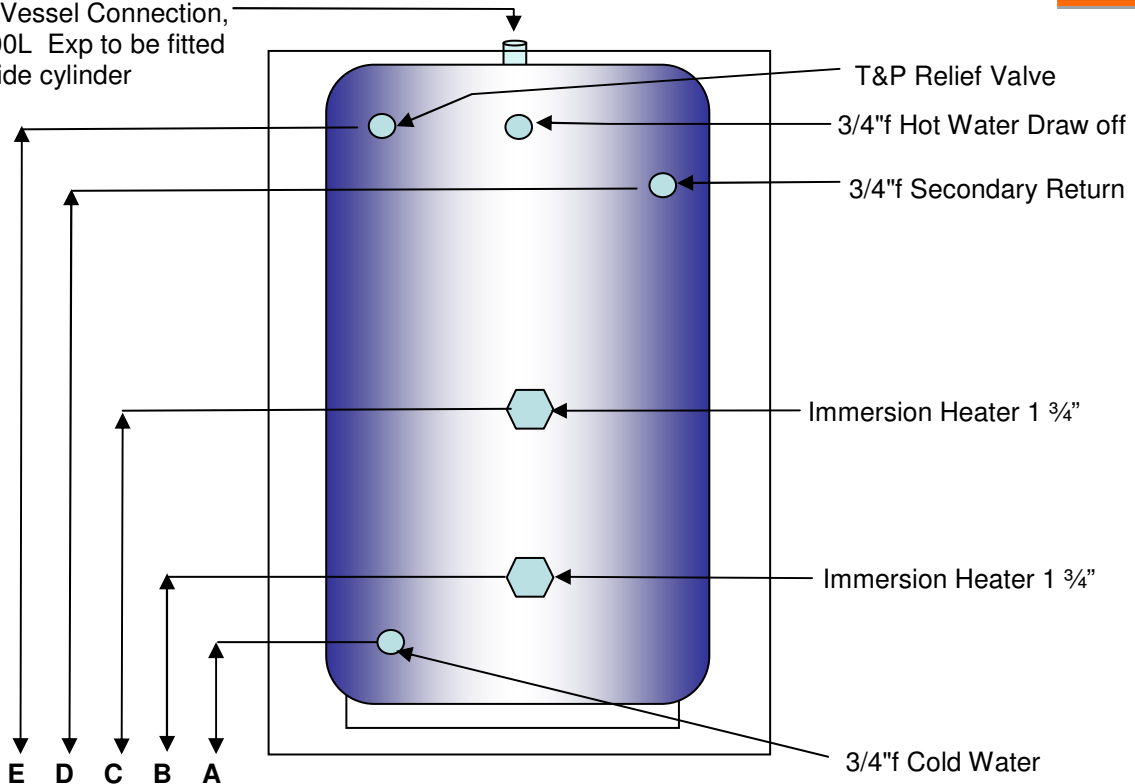
Foam Information
ODP Ozone Depletion potential = 0
GWP Global warning Potential = 2.2
Foam Type = Polyurethane
British Standard 1566,D:2002

Cap (L)	Time to re-heat from 75% draw-off with Solar	Time to re-heat from 75% draw-off with Boiler
170Ltr	Dependent on UV	85Ltr = 18Min
200Ltr	Dependent on UV	100Ltr = 20Min
250Ltr	Dependent on UV	125Ltr = 25Min
300Ltr	Dependent on UV	150Ltr = 26Min
500Ltr	Dependent on UV	250Ltr = 25Min

Aquacyl Direct Information Data



3/4" Expansion Vessel Connection,
Note 400L & 500L Exp to be fitted
along side cylinder



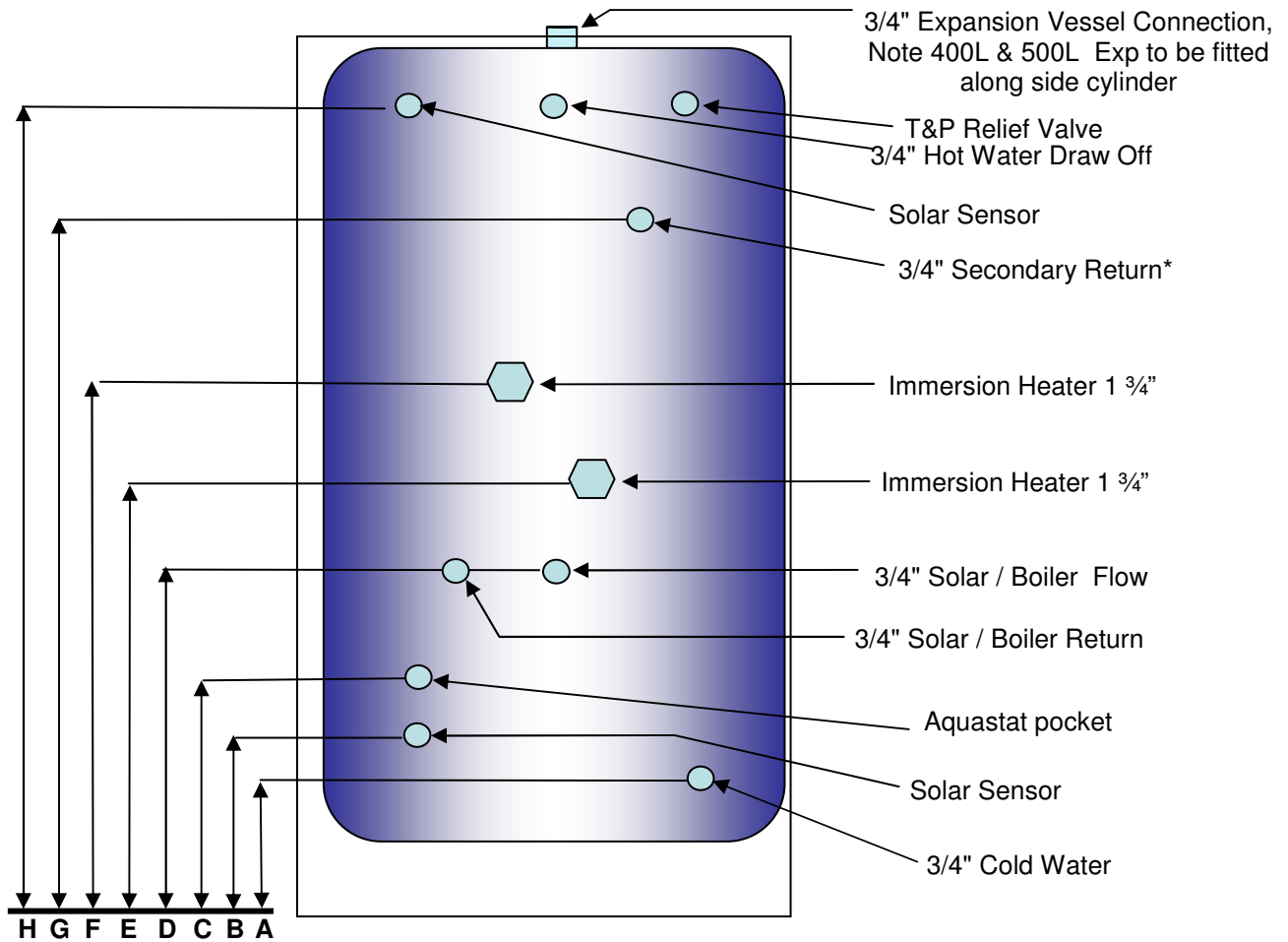
Cap (L)	90	125	150	170	200	250	300	400	500
With/EXP	1030	1215	1340	1480	1400	1790	2110	N/A	N/A
Height	750	935	1060	1200	1120	1330	1650	1590	1835
Dia	510	510	510	510	554	554	554	660	660
A	170	170	170	170	195	195	195	240	240
B	200	200	200	200	225	225	225	270	270
C	410	410	620	620	645	645	645	690	690
D	N/A	N/A	N/A	N/A	815	975	1255	1240	1390
E	550	750	880	1030	930	1140	1435	1340	1590

Cap (L)	Time to re-heat from 75% draw-off with immersion heater
90Ltr	27Min
125Ltr	37 Min
150Ltr	45 Min
170Ltr	51 Min
200Ltr	63 Min
250Ltr	75Min
300Ltr	136Min
400Ltr	150Min
500Ltr	175Min

Cap (L)	24Hrs Standing Heat Loss	Immersion Heater	Boiler & Solar Cap (L)	Cap (L)	24Hrs Standing Heat Loss	2X Immersion Heater
170Ltr	2.04Kw/24Hrs	3Kw 240v single phase	50% Solar 50% Boiler	90Ltr	1.70Kw/24Hrs	2x 3Kw 240v single phase
200Ltr	2.45Kw/24Hrs	3Kw 240v single phase	50% Solar 50% Boiler	125Ltr	1.70Kw/24Hrs	2x 3Kw 240v single phase
250Ltr	2.69Kw/24Hrs	3Kw 240v single phase	50% Solar 50% Boiler	150Ltr	1.92Kw/24Hrs	2x 3Kw 240v single phase
300Ltr	2.71Kw/24Hrs	3Kw 240v single phase	50% Solar 50% Boiler	170Ltr	2.04Kw/24Hrs	2x 3Kw 240v single phase
500Ltr	3.15Kw/24Hrs	3Kw 240v Single phase	50% Solar 50% Boiler	200Ltr	2.45Kw/24Hrs	2x 3Kw 240v single phase
				250Ltr	2.69Kw/24Hrs	2x 3Kw 240v single phase
				300Ltr	2.71Kw/24Hrs	2x 3Kw 240v single phase
				500Ltr	3.15Kw/24Hrs	2x 3Kw 240v Single phase

Foam Information
ODP Ozone Depletion potential = 0
GWP Global warning Potential = 2.2
Foam Type = Polyurethane
British Standard 1566,D:2002
Parts supplied
1X Dual High Limit Stat
2X 3Kw Immersion Heater 240V single Phase
1X Zilmet Expansion Vessel
1X Temperature & Pressure Relief
1X 3Bar Inlet Control Group

Aquacyl Direct / Solar Information Data



Cap (Ltr)	170	200	250	300	400	500
With EXP	1480	1400	1790	2110	N/A	N/A
Height	1200	1120	1330	1650	1590	1835
Dia	510	554	554	554	660	660
A	175	190	190	190	235	235
B	175	245	245	245	285	285
C	395	390	390	390	435	435
D	500	500	500	500	620	620
E	535	615	575	575	715	715
F	585	585	645	650	1085	1085
G	N/A	785	890	895	1240	1390
H	1015	900	1025	1030	1340	1590

Cap (L)	24Hrs Standing Heat Loss	2X Immersion Heater
90Ltr	1.70Kw/24Hrs	2x 3Kw 240v single phase
125Ltr	1.70Kw/24Hrs	2x 3Kw 240v single phase
150Ltr	1.92Kw/24Hrs	2x 3Kw 240v single phase
170Ltr	2.04Kw/24Hrs	2x 3Kw 240v single phase
200Ltr	2.45Kw/24Hrs	2x 3Kw 240v single phase
250Ltr	2.69Kw/24Hrs	2x 3Kw 240v single phase
300Ltr	2.71Kw/24Hrs	2x 3Kw 240v single phase
500Ltr	3.15Kw/24Hrs	2x 3Kw 240v Single phase

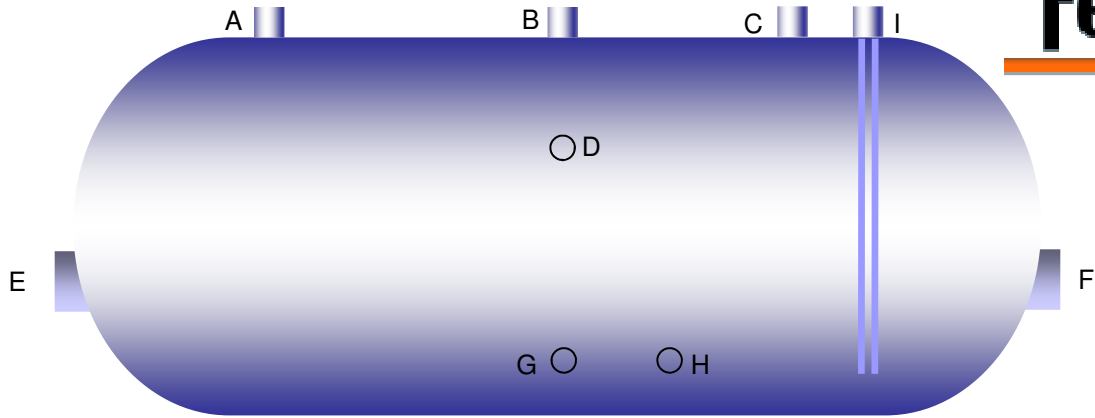
Parts supplied
1X Dual High Limit Stat
2X 3Kw Immersion Heater 240V single Phase
1X Zilmet Expansion Vessel
1X Temperature & Pressure Relief
1X 3Bar Inlet Control Group

Foam Information
ODP Ozone Depletion potential = 0
GWP Global warning Potential = 2.2
Foam Type = Polyurethane
British Standard 1566,D:2002

Cap (L)	Time to re-heat from 75% draw-off with Solar	Time to re-heat from 75% draw-off with 2x Immersion Heater
170Ltr	Dependent on UV	85Ltr = 27Min
200Ltr	Dependent on UV	100Ltr = 30Min
250Ltr	Dependent on UV	125Ltr = 37Min
300Ltr	Dependent on UV	150Ltr = 45Min
500Ltr	Dependent on UV	250Ltr = 75Min

Cap (L)	24Hrs Standing Heat Loss	Immersion Heater	Boiler & Solar Cap (L)
170Ltr	2.04Kw/24Hrs	3Kw 240v single phase	50% Solar 50% Boiler
200Ltr	2.45Kw/24Hrs	3Kw 240v single phase	50% Solar 50% Boiler
250Ltr	2.69Kw/24Hrs	3Kw 240v single phase	50% Solar 50% Boiler
300Ltr	2.71Kw/24Hrs	3Kw 240v single phase	50% Solar 50% Boiler
500Ltr	3.15Kw/24Hrs	3Kw 240v Single phase	50% Solar 50% Boiler

Aquacyl Horizontal Installation



All dimensions are given in mm and are subject to change without notice.

Cap (Ltr)	90*	125	150	170	200	250	300
Length	750	900	1050	1200	1100	1200	1400
Diameter	500	500	500	500	550	550	550
Height	600	600	600	600	650	650	650

Key	Description	Ind	Dir
A	Hot Water Draw Off $\frac{3}{4}$ "f	Y	Y
B	T&P Relief Valve (Fitted)	Y	Y
C	Boiler Flow $\frac{3}{4}$ "f Indirect only	Y	N
D	Secondary Return $\frac{3}{4}$ "f (200,250,300 only)	Y	Y
E	Immersion Heater $1\frac{3}{4}$ " Indirect and Direct	Y	Y
F	Immersion Heater $1\frac{3}{4}$ " Direct Only	N	Y
G	Aquastat Pocket Indirect only	Y	N
H	Boiler Return $\frac{3}{4}$ "f Indirect only	Y	N
I	Cold Feed $\frac{3}{4}$ "f (With Dip Pipe)	Y	Y
	Expansion Vessel (supplied loose)	Y	Y

*90 Litre available as direct only.
Un-Vented Components Supplied.

•Installation must be carried out as described in this guide with reference to this section where appropriate. This will ensure compliance with Building Regulations, IEEE Regulations and Telford Copper Cylinders warranty provisions.

•The cylinder should be mounted on the cradles (or other suitable support) so that the connections A, B, I, (C) are along the top edge. The cylinder MUST not be rotated around the long axis.

Cap (L)	Time to re-heat from cold	Time to re-heat from 75% draw-off with Boiler
90Ltr	26 Min	18Min
125Ltr	36 Min	25 Min
150Ltr	37 Min	26 Min
170Ltr	36 Min	25 Min
200Ltr	33 Min	24 Min
250Ltr	35Min	25Min
300Ltr	40Min	29Min
500Ltr	50	30Min

Foam Information
ODP Ozone Depletion potential = 0
GWP Global warning Potential = 2.2
Foam Type = Polyurethane
British Standard 1566,D:2002
Parts supplied
Dual High Limit Stat
3Kw Immersion Heater 240V single Phase
Zilmet Expansion Vessel
Temperature & Pressure Relief
3Bar Inlet Control Group
2 port motorized valve

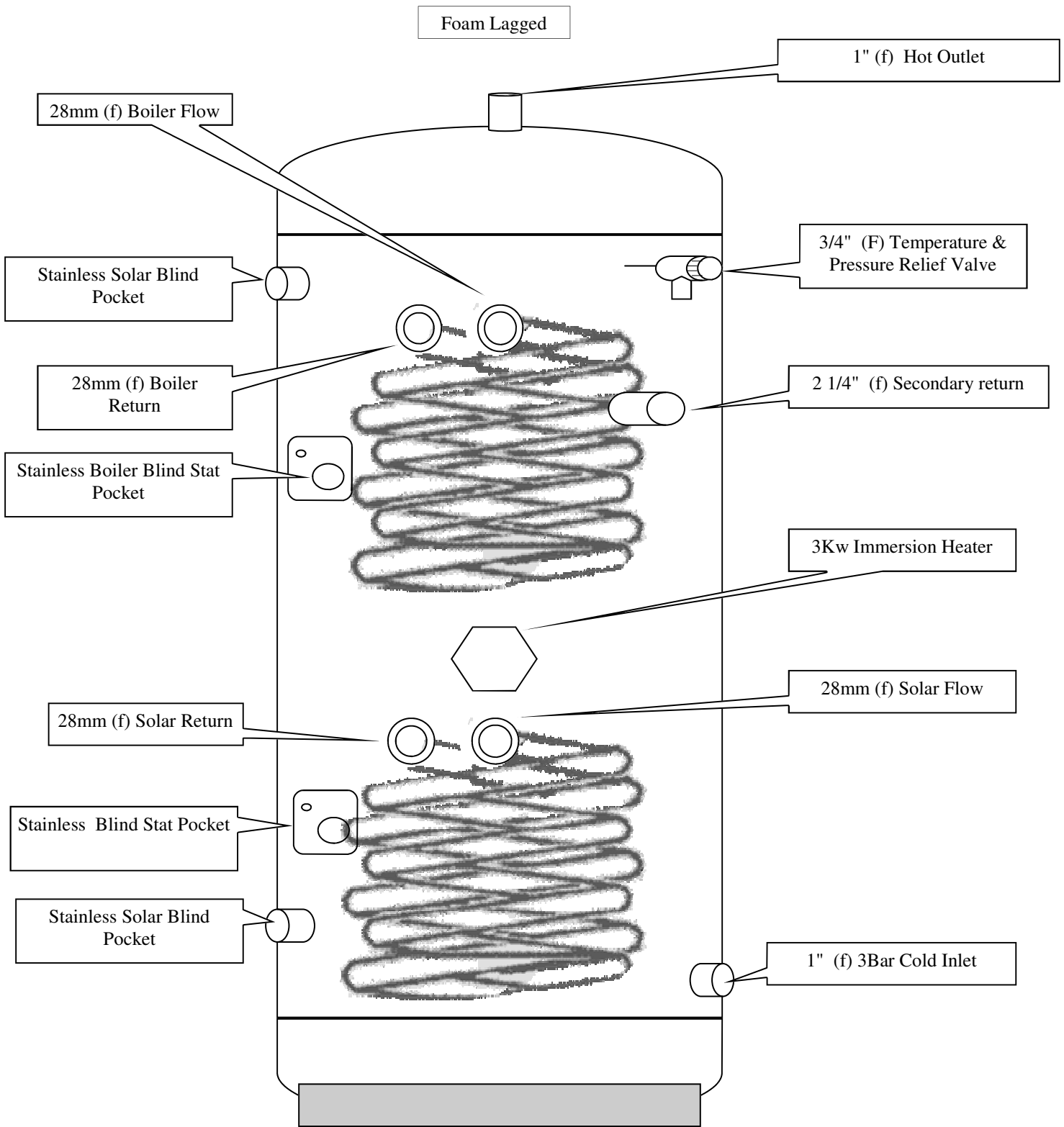
Cap (L)	24Hrs Standing Heat Loss	Immersion Heater
90Ltr	1.70Kw/24Hrs	1x 3Kw 240v single phase
125Ltr	1.70Kw/24Hrs	1x 3Kw 240v single phase
150Ltr	1.92Kw/24Hrs	1x 3Kw 240v single phase
170Ltr	2.04Kw/24Hrs	1x 3Kw 240v single phase
200Ltr	2.45Kw/24Hrs	1x 3Kw 240v single phase
250Ltr	2.69Kw/24Hrs	1x 3Kw 240v single phase
300Ltr	2.71Kw/24Hrs	1x 3Kw 240v single phase
500Ltr	3.15Kw/24Hrs	1x 3Kw 240v Single phase








Cap (L)	24Hrs Standing Heat Loss for Tempest & Tornado Indirect-Direct-solar & Triple coil	Immersion Heater for indirect	Immersion Heater for direct
90Ltr	1.63Kw/24Hrs	1x 3Kw 240v Single Phase	2x 3Kw 240v Single Phase
125Ltr	1.70Kw/24Hrs	1x 3Kw 240v Single Phase	2x 3Kw 240v Single Phase
150Ltr	1.92Kw/24Hrs	1x 3Kw 240v Single Phase	2x 3Kw 240v Single Phase
170Ltr	2.04Kw/24Hrs	1x 3Kw 240v Single Phase	2x 3Kw 240v Single Phase
200Ltr	2.45Kw/24Hrs	1x 3Kw 240v Single Phase	2x 3Kw 240v Single Phase
250Ltr	2.69Kw/24Hrs	1x 3Kw 240v Single Phase	2x 3Kw 240v Single Phase
300Ltr	2.71Kw/24Hrs	1x 3Kw 240v Single Phase	2x 3Kw 240v Single Phase
500Ltr	3.15Kw/24Hrs	1x 3Kw 240v Single Phase	2x 3Kw 240v Single Phase

Cylinder Cap (L)	Expansion Vessel Size
90Ltr	12Ltr D 280mm H 280mm
125Ltr	12Ltr D 280mm H 280mm
150Ltr	12Ltr D 280mm H 280mm
170Ltr	19Ltr D 280mm H 390mm
200Ltr	19Ltr D 280mm H 390mm
250Ltr	24Ltr D 280mm H 460mm
300Ltr	24Ltr D 280mm H 460mm
400Ltr	50Ltr D 390mm H 790mm
500Ltr	50Ltr D 390mm H 790mm

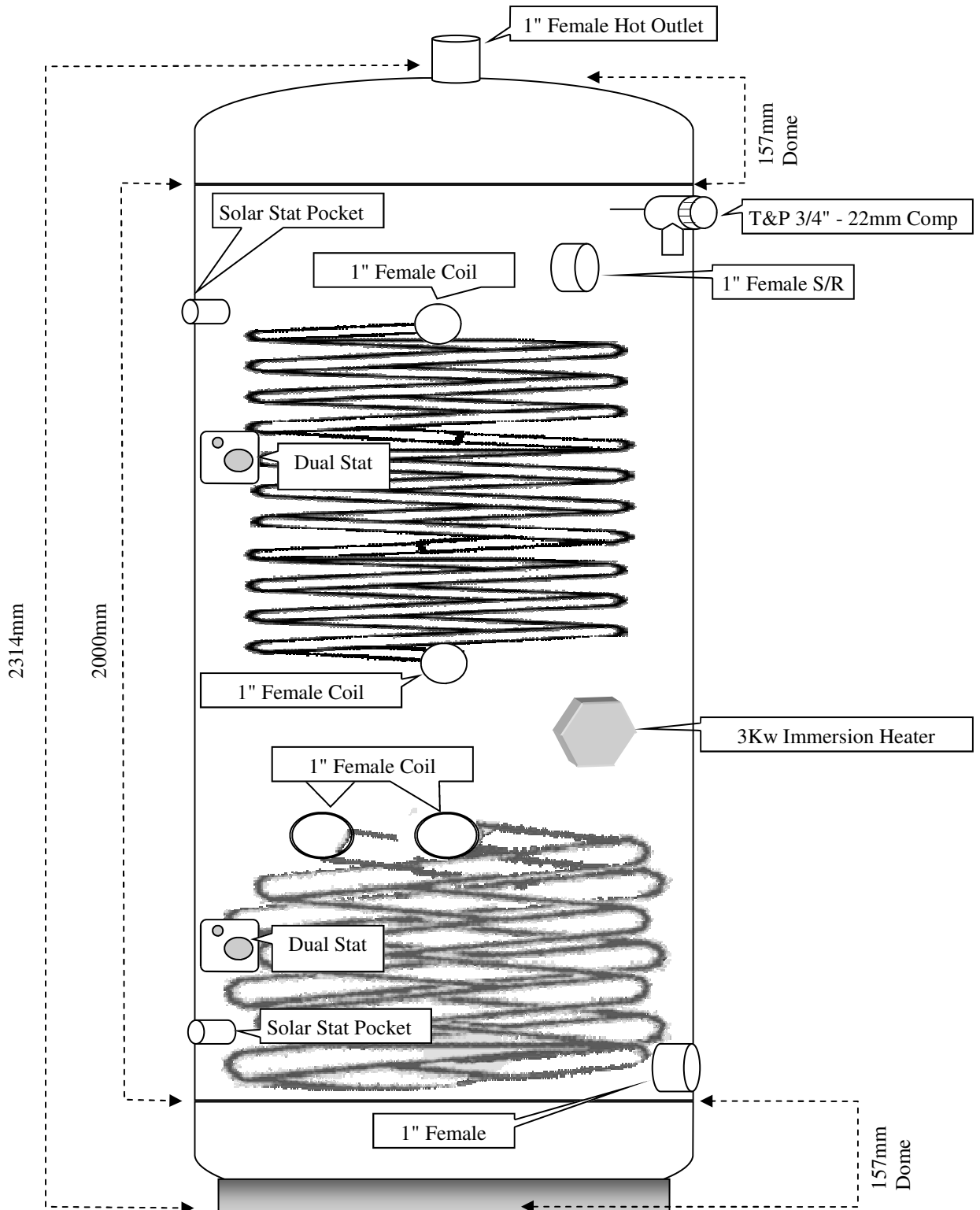
800ltr Tempest Stainless Un-Vented with Boiler & Solar Coil



				
1X 3Bar Inlet Group Set 1"	1X 3KW Immersion	1X Two Port Zone Valve For Safety cut out	2x Dual Aqua Stat	1X Temp & Pressure Relief 3/4 - 22

1000 Ltr Solar & Boiler Un-Vented

H 2014mm - D 822mm
Foam Lagged



1X 3Bar Inlet Group Set 1"	1X 3KW Immersion	1X Two Port Zone Valve For Safety cut out	2x Dual Aqua Stat	1X Temp & Pressure Relief 3/4"- 22mm comp