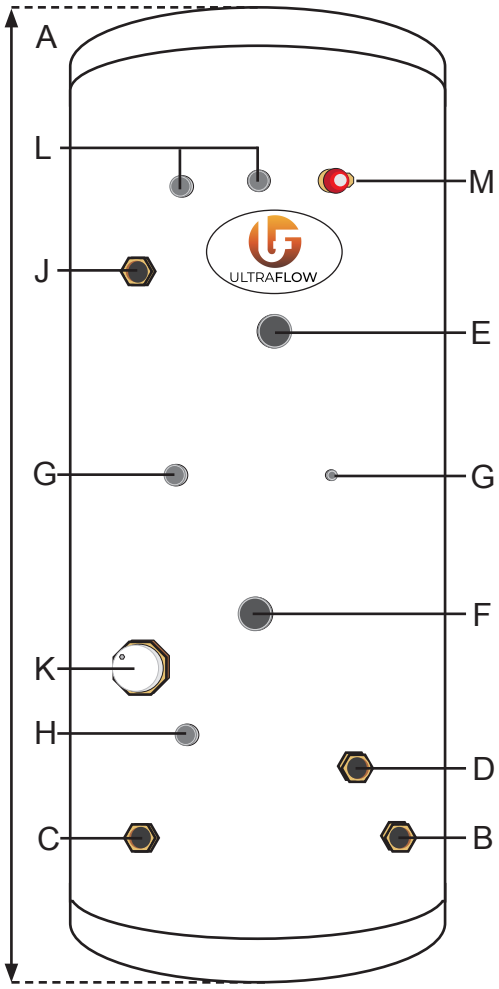

HEAT PUMP SOLAR TWIN COIL

Standard Diameter - 545mm						690mm Cylinders	
Product Code		UWI170-HP	UWI200-HP	UWI250-HP	UWI300-HP	UWI400-HP	UWI500-HP
Capacity (L)		170	200	250	300	400	500
Height	A	1224	1414	1722	1945	1580	1910
Cold Inlet	B	180	180	180	180	270	270
Solar Coil Flow	C	200	200	200	200	300	300
Solar Coil Return	D	240	240	240	240	400	400
HP Heating Flow	E	897	960	1265	1365	1155	1237
HP Return	F	487	550	650	750	690	772
HP Control Stat	G	694	757	865	965	770	852
Solar Control Stat	H	295	295	295	295	485	485
Sec. Return	J	N/A	1043	1384	1557	1121	1462
Immersion	K	427	490	590	690	590	672
High Limit Stat	L	1009	1195	1507	1724	1327	1668
T&P Valve	M	1009	1195	1507	1724	1327	1668

Connection Sizes

3/4” Comp.	Hot Draw, Cold Feed, Sec. Return, Solar Coil
1” F	HP Flow, HP Return
1 3/4” F	Immersion
1/2” F	T&P Relief Valve

Please note: These tapping heights are subject to change, and are to be used as a guideline only

Please note, that 690mm calorifiers come with 1” hot outlet and cold feed, and a second immersion heater as standard.

More retrofit and newbuild projects are making use of multiple renewable heat and energy sources to make their heating system and hot water supply more robust.
Solar thermal twin coil units are ideal for applications that have a south-facing roof, to offer you consistent hot water, even during the winter.

NOTE ON PV COMPATIBILITY

An increasing number of applications too are making use of a hot water tank in combination with solar PV, turning the cylinder into a thermal battery during the daytime, for use in the evening and the following morning.

Ultraflow unvented cylinders come with the immersion heater sited as low as possible to maximise usable hot water from PV diverter-style applications, ensuring the perfect marriage of renewable technologies, and the future-proofing of your home.

A simplified diagram of a heat pump solar twin coil setup is shown here. Please note, the solar pump indicated is not supplied with our cylinder.as part of the unvented kit.