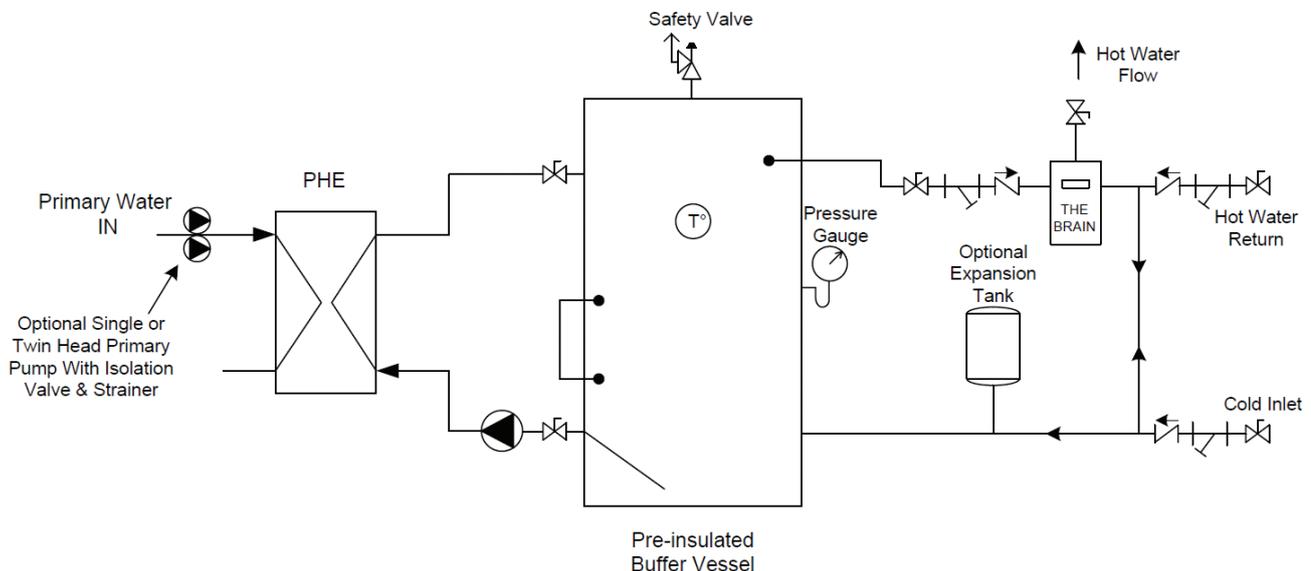


The Armstrong Digital-Flo Semi-Storage water heating system produces highly efficient and accurate domestic hot water. Each package in the range incorporates the Armstrong Brain as the main temperature control device for accurate hot water control at all levels of demand:

- Delivers blended hot water at 60 °C with +/-1 °C accuracy, even at very low flows.
- Water in tank is raised to above 70 °C which greatly reduces risk of Legionella growth in the tank.
- Built in disinfection mode.
- Can deliver a 25 % higher peak flow compared to a standard semi-storage system with the same sized tank.
- Enables the use of smaller tanks, thus reduced footprint.
- Energy efficient due to better temperature control.
- Tanks insulated with 100mm glass fibre as standard with aluminium sheet coating.
- Buffer vessel is available in Polywarm coated carbon steel (WRaS approved) or 316L stainless steel.

Schematic Arrangement



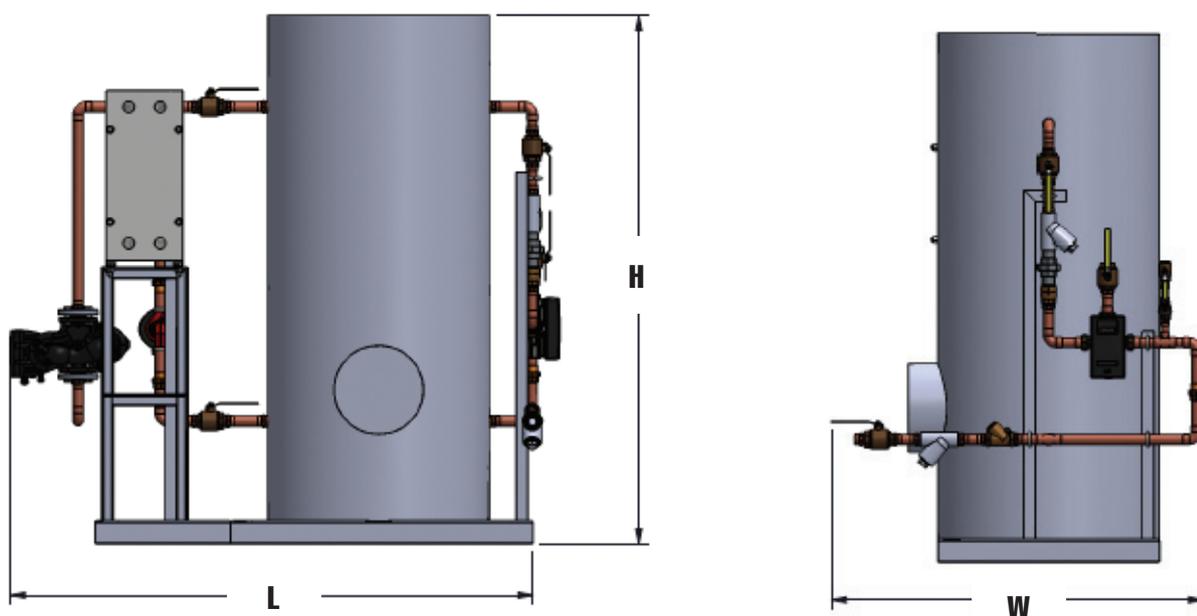
All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.

Digital-Flo Semi-Storage - Water Heating System

Models and Capacities					
Model	Storage Capacity Litres	15 Min Recovery to 75 °C KW	Max Flow 10 - 60 °C m ³ /h	5 Min Peak Flow at 60 °C l/min	20 Min Peak Flow at 60 °C l/min
DSS-300	300	91	1,6	96	38
DSS-500	500	151	2,6	160	63
DSS-800	800	242	4,2	257	101
DSS-1000	1000	302	5,2	321	127
DSS-1500	1500	453	7,8	481	190
DSS-2000	2000	605	10,4	642	254
DSS-3000	3000	907	15,6	963	380
DSS-4000	4000	1209	20,8	1284	507
DSS-5000	5000	1512	26,0	1605	634

Models and Dimensions				
Model	HW Connection mm	Dimensions (mm)		
		L	W	H
DSS-300	32	1890	1090	1690
DSS-500	40	1950	1150	1800
DSS-800	50	1390	1290	2090
DSS-1000	50	2250	1450	2285
DSS-1500	65	2330	1530	2440
DSS-2000	80	2390	1590	2750
DSS-3000	100	2500	1700	3170
DSS-4000	100	2630	1830	3175
DSS-5000	125	2780	1980	3210

Figures based on a primary heat source of water at 80 °C.
Single or twin head variable speed primary pumps available on request.



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