

Controlled Aquasave System by HRS

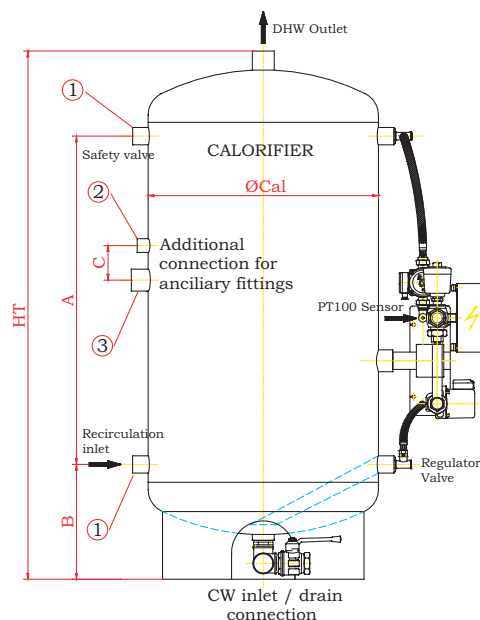
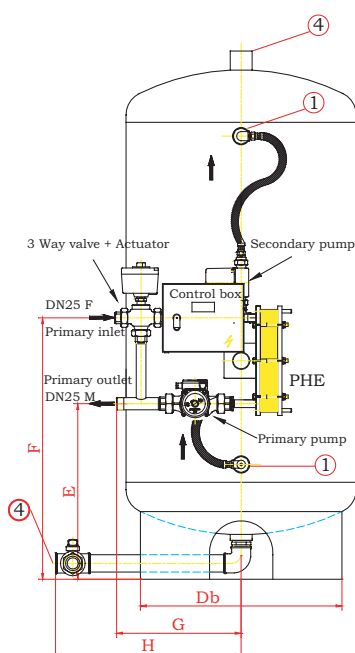
The HRS Aquasave System is designed for heating domestic hot water where demand is not constant and high flow rates occur on a regular basis; for example, hospitals, health & fitness clubs, leisure facilities, hotels, office blocks, old peoples homes and prisons.

The Aquasave effectively reduces the boiler power and the hot water storage volume without reducing the hot water output. The plate heat exchanger transfers the boiler power into instant domestic hot water on demand. Designed as a fully assembled system comprising of:-

The Aquasave offers an efficient economic solution which simplifies project design, materials, planning and installation.



Stainless steel All dimensions in mm. Design subject to change without prior notice.



Capacity (liters)	ø Cal (mm)	Ht (mm)	A	B	C	Db	E	F	G	H	1	2	3	4	Empty weight
300	550	1570	985	325	120	460	535	835	435	500	DN40	DN32	DN40	DN50	85
500	650	1760	1140	360	120	540	570	870	435	500	DN40	DN32	DN40	DN50	120
750	800	1830	1140	400	120	700	610	910	435	645	DN40	DN32	DN40	DN50	150
1000	800	2380	1695	400	120	700	610	910	435	645	DN40	DN32	DN40	DN50	220
1500	950	2430	1675	430	120	750	640	940	435	645	DN50	DN32	DN40	DN50	250

1. Presentation

The AQUASAVE is an instantaneous DHW generator comprising of :

- **Stainless steel or glass lined buffer vessel – 7 Bar maximum secondary working pressure**
- *Glass lined anodes - magnesium (as standard)*
- *Stainless steel Secondary transfer / charging pump – UP 20-45N*
- *Plate heat exchanger with 316 grade Stainless Steel c/w EPDM Gaskets – CT20*
- *Secondary circuit regulating valve*
- *Primary / Secondary Connecting kit*
- *Electronic controller including:*
 - 3-port electric actuated control valve – VXG 48-25
 - Single headed primary pump – UPS 32-80 (**10 bar max**)
 - SQS 65.0-10 volts actuator
 - PID control panel with PT100 temperature sensor
 - PID Controller with volt free contacts & remote enable

The AQUASAVE unit complies with PED regulation, WRAS, ACOPS and is CE marked



PACKAGING KIT ON DELIVERY

Calorifier

Insulation

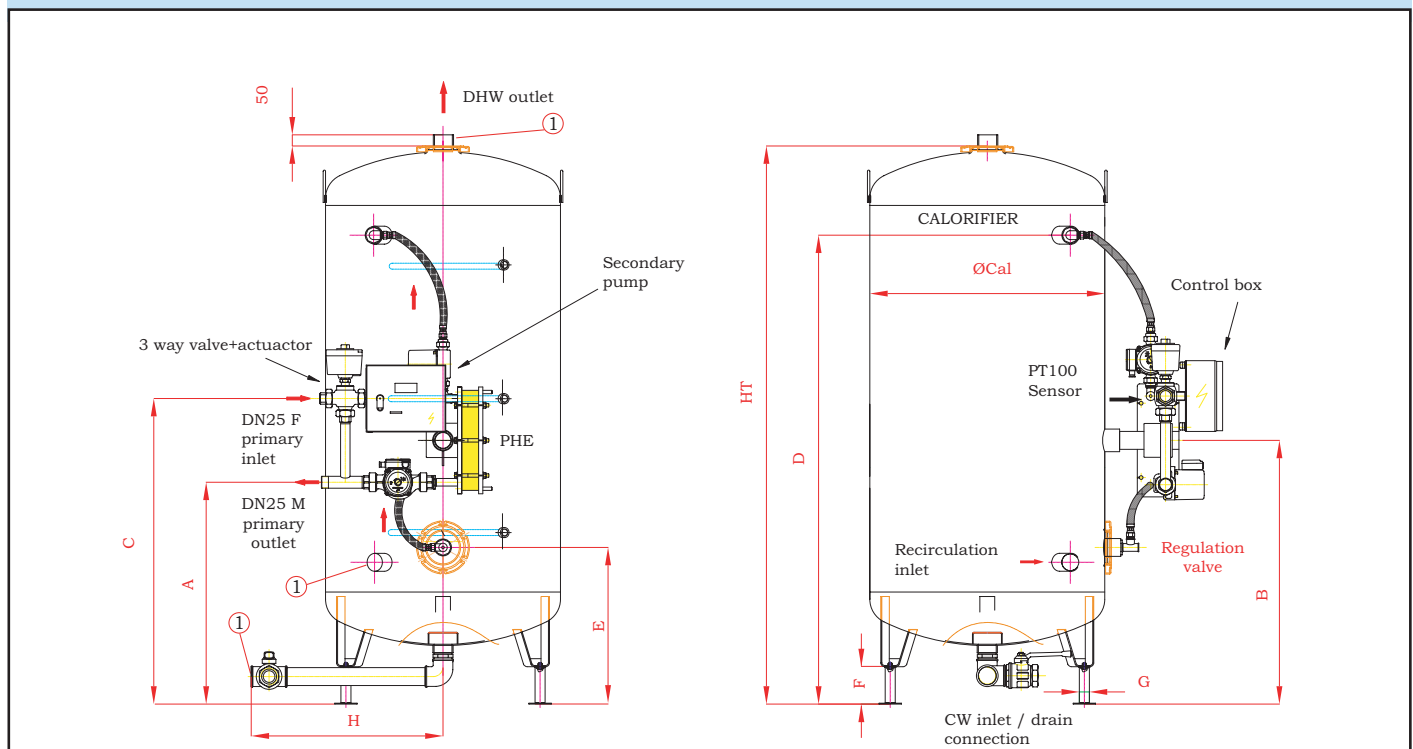
Exchanger kit



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Glass lined All dimensions in mm. Design subject to change without prior notice.



Capacity (liters)	ø Cal (mm)	Ht (mm)	A	B	C	D	E	F	G	H	I	Empty weight	Imm heater rating kW 3ph
300	550	1668	754	894	1034	1395	534	150	45	500	DN50	155	1x9
500	630	1996	709	849	989	1748	489	150	45	500	DN50	182	1x9
750	790	1901	771	911	1051	1601	551	150	45	645	DN50	278	1x15 or 1x30
1000	790	2254	771	911	1051	1954	551	150	45	645	DN50	308	1x15 or 1x30
1500	1100	2080	870	1010	1150	1700	650	200	76	645	DN50	349	1x15 or 1x30