

TDS 1017 S20

OUTPUTS

820 - 3530 ltrs/hr @ 60°C

300 - 1500 ltrs storage



S20

CALORIFIER

WITH SERPENTINE COIL

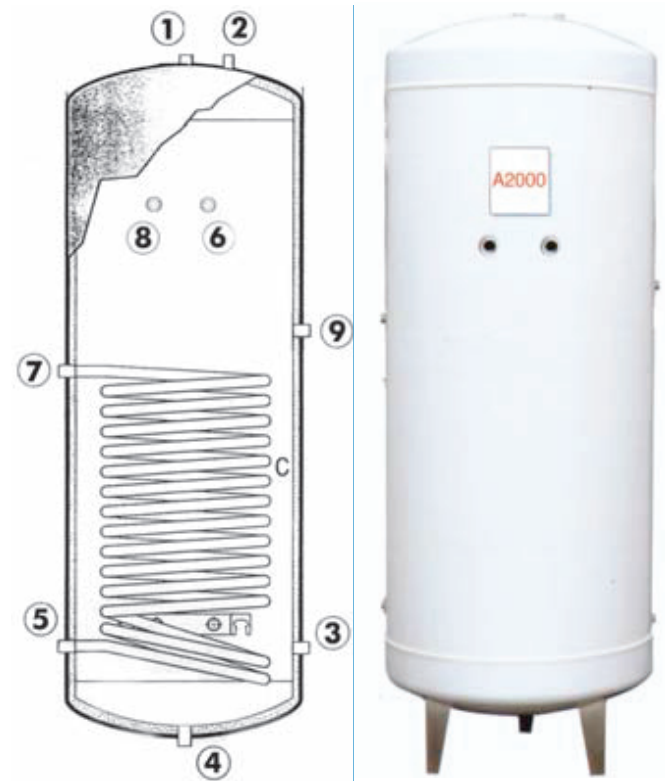
Shorter Heat-up time - under 10 minutes

Resistance to scale or chalk build-up in hard water areas

Chrome-nickel-molybdenum stainless steel throughout resists soft 'acid' water

Maximum working temperature of 90°C

maximum working pressure of 8 BARS.



CAPACITIES						CONNECTIONS								
Model	Content litres	Input kW	Height/Length mm	Diam mm	Dry Weight kgs	1	2	3	4	5	6	7	8	9
S20-100	100	20.0	1150	410	37	connections to match consultant pipework								
S20-300	300	38.0	1725	570	81	25	20	25	20	25	15	25	15	20
S20-500	500	55.0	1780	730	113	25	20	25	20	25	15	25	15	20
S20-750	750	89.0	1930	830	159	32	20	32	20	40	15	40	15	20
S20-1000	1000	104.0	1780	1030	212	40	20	40	20	40	15	40	15	20
S20-1500	1500	138.0	2375	1030	265	50	20	50	20	40	15	40	15	20

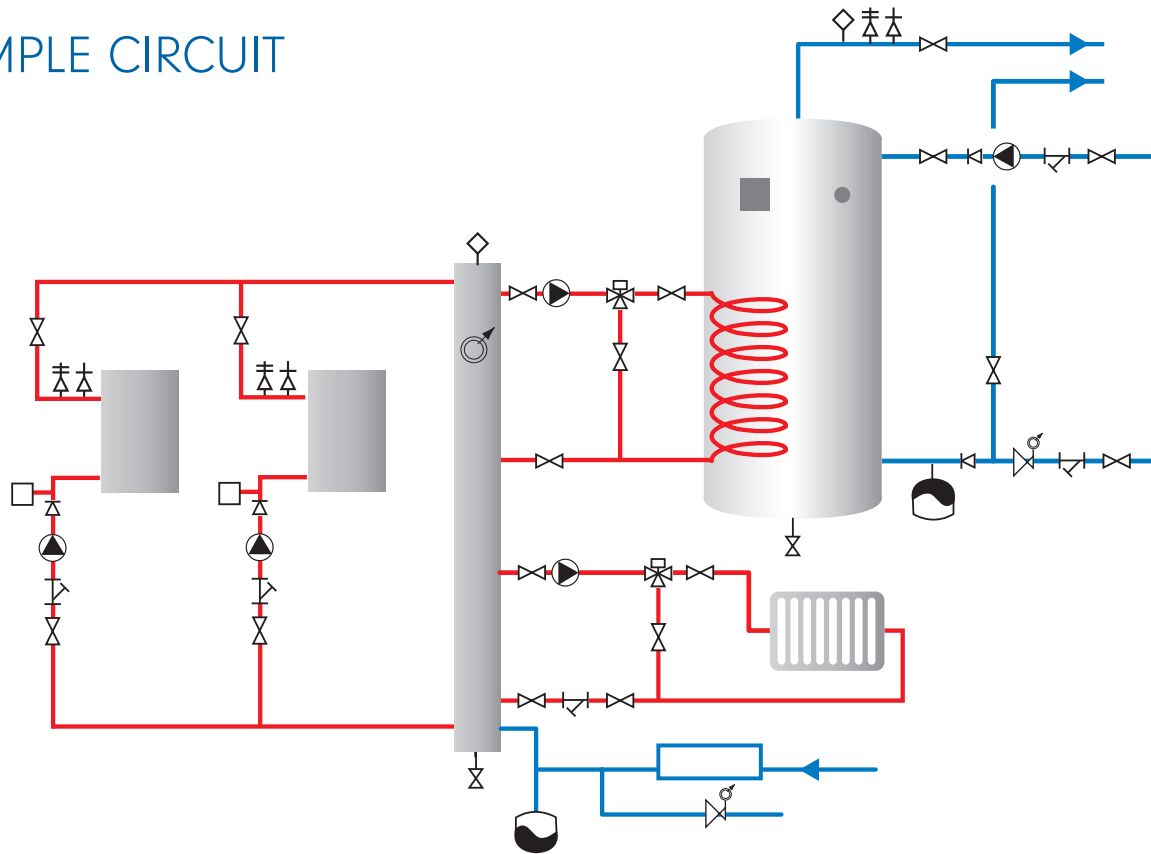
PERFORMANCE							
Model	ltrs @ 60°C for 10mins	ltrs @ 60°C for 1st hr	ltrs/hr @ 60°C continuous	primary flow rate ltrs/sec	primary pressure drop kPa	peak secondary flow for 10 mins ltrs/sec	peak secondary pressure drop kPa
S20-100	110	289	342	0.28	1.3	0.18	0.3
S20-300	320	860	650	0.53	4.5	0.53	0.4
S20-500	520	1310	940	0.87	17.0	0.87	1.5
S20-750	800	2070	1530	1.33	8.0	1.33	1.4
S20-1000	1040	2530	1780	1.75	13.2	1.75	1.3
S20-1500	1540	3530	2380	2.58	36.4	2.57	0.4

S20-2000litres & S20-2500litres available to order

FOR TECHNICAL HELP/ADVICE Call 0161 621 5960 or email info@atlanticboilers.com

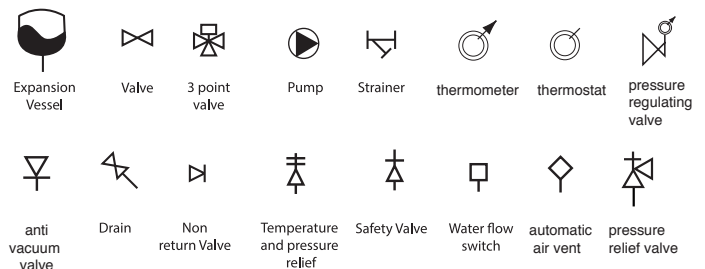
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SAMPLE CIRCUIT



SPECIFICATION

ATLANTIC BOILERS also supplies condensing and highly efficient domestic hot water generation, based on stainless steel manufacture. Stainless steel is hygienic, long lasting, resists scale build-up and is highly efficient at heat transfer. Manufacture takes place under ISO 9001:2000 (Certificate ESPMDD001829:27/11/03), under Directive 97/23/CE and according to EN 2883:1992/A1:1997.



- The S20 Series are fast recovery calorifiers with inbuilt serpentine primary heating coils designed to reach the lower, cooler levels of water storage.
- The vessels are fabricated from chrome-nickel-molybdenum stainless steel, fitted with dished ends, argon-arc welded using the tungsten inert gas process. then de-stressed and surface treated.
- The vessels have a maximum working temperature of 90°C and a maximum working pressure of 8 BARS.
- The S20 Series has a primary heating coil manufactured from AISI 316 austenitic stainless steel having a maximum working temperature of 90°C and a maximum working pressure of 10 BARS.
- The vessels are available in vertical (with legs) or horizontal (with cradles) form.
- All the vessels are thermally insulated with rigid, mould-injected CFC-free polyurethane foam with removable polyester outer jacket.
- Manufactured to ISO 9001:2000 (Certificate ESPMDD001829:27/11/03), under Directive 97/23/CE and according to EN 2883:1992/A1:1997.
- All the models are thermally insulated with rigid, mould-injected CFC-free polyurethane foam (classification ASTM D-1692) with an outer hard finish in polyester

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