HAMILTON
Laboratory Glass Limited



Water Still Range

Pure water made easy

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Our range of water stills is the complete answer to all water purification requirements; they are built entirely in the UK by our own expert craftswomen and craftsmen from top quality materials.

Used throughout the world in commercial, research and education laboratories, highly valued for their quality manufacture, Hamilton stills are efficient, low maintenance and reliable in service and will continue to provide outstanding service for years. We do not build-in obsolescence, in fact any of our stills can be brought right up to date by retro-fitting the latest modifications.

Hamilton stills meet all the current safety regulations; providing failsafe operation even without supervision.

We use high purity silica sheathed elements, although lower cost metal heaters can be specified. For the world markets, alternative voltage 110 volts heaters are available. Cabinet stills can be bench, wall mounted or freestanding using the Hamilton 25 litre reservoir option.

Hamilton Glass is not only a world leader in water stills but also manufacture, to the same exacting standards, all types of laboratory glassware including: Bespoke glassware, one-off prototypes, a wide range of jointed laboratory glassware for trade users and screw tops for glass products.



Contact us now for more information on
+44 (0)1843 232633 or
www.hamiltonlabglass.com

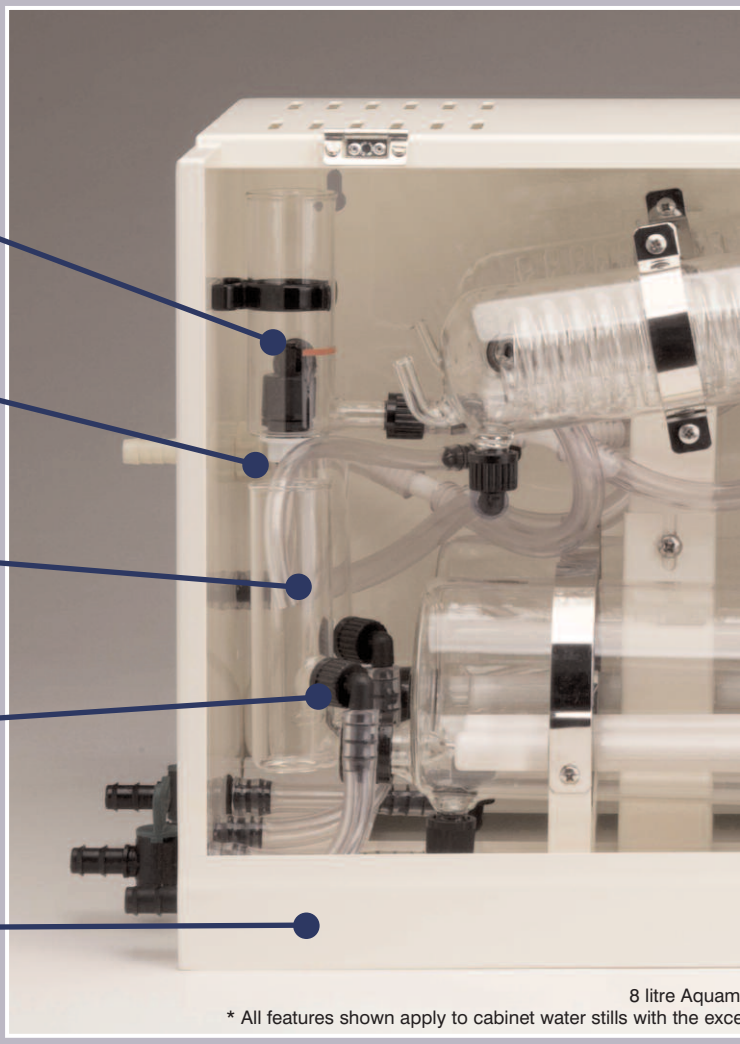
Visual flow control valve sets water input for maximum efficiency and cuts power if water supply fails.

* Solenoid valve shuts off water supply to still if electrical power fails.

Constant level device gives efficient boiler operation and protects against overflowing.

Screwthread connectors for easy assembly, maintenance and leak free operation.

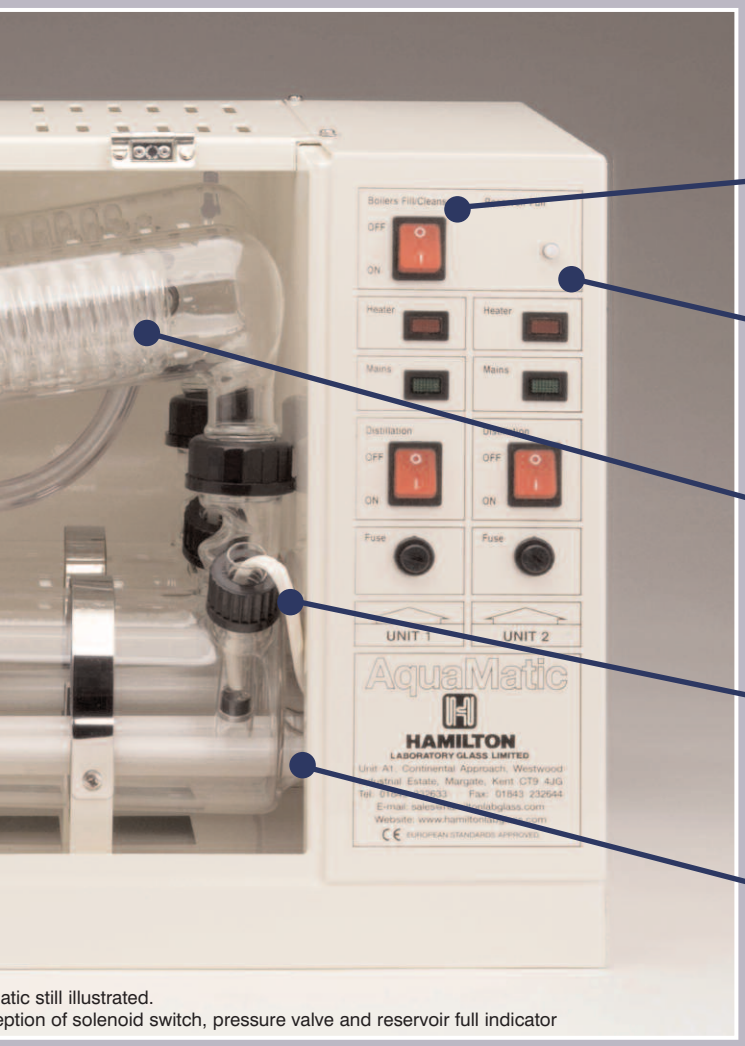
Stove enamelled casing incorporates hinged perspex front cover for easy access.



8 litre Aquam
* All features shown apply to cabinet water stills with the exce

Selection Table

Catalogue No.	Output		Double distilled	Heater Type		Cabinet model	Pyrogen free	Flow control valve	Borosilicate glass	Automatic operation
	4 L/hr	8 L/hr		Metal	Silica					
WSE/4S	■				■		■	■	■	
WSB/4	■			■					■	
WSC/4	■			■		■		■	■	
WSC/4S	■				■	■	■	■	■	
WSC/8		■		■		■		■	■	
WSC/8S		■			■	■	■	■	■	
WSC/4D	■		■		■	■	■	■	■	
AWC/4	■			■		■		■	■	■
AWC/4S	■				■	■	■	■	■	■
AWC/8		■		■		■		■	■	■
AWC/8S		■			■	■	■	■	■	■
AWC/4D	■		■		■	■	■	■	■	■



atic still illustrated.
eption of solenoid switch, pressure valve and reservoir full indicator

All cabinet stills feature a 12 volt circuit board to ensure complete operator safety.

* Indicator gives visual warning when reservoir is full, cutting power and water to still.

Double coil condenser for maximum output with low temperature distillate.

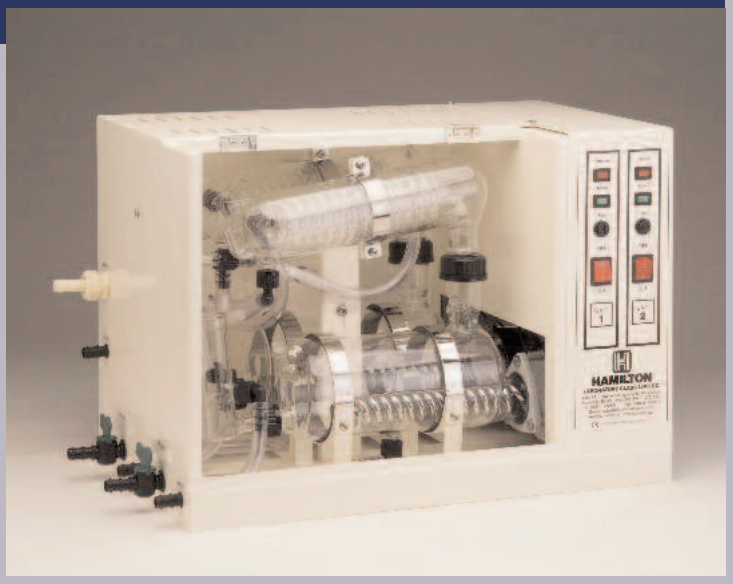
Electrical specification meets B.S. and international standards.

* Pressure switch shuts off water supply and power when reservoir is full. Allows any type of reservoir to be used.

Technical Specification

	Output	4 litres/hr	4 litres/hr	4 litres/hr D.D.	8 litres/hr	8 litres/hr
	Heaters	Metal	Silica	Silica	Metal	Silica
	Wattage	1 x 3 Kw	2 x 1.5 Kw	3 x 1.5 Kw - 1 x 1.25 Kw	2 x 3 Kw	4 x 1.5 Kw
	Power	220 / 240v	220 / 240v	220 / 240v	220 / 240v	220 / 240v
	Fuse	13 amp	13 amp	2 x 13 amp	2 x 13 amp	2 x 13 amp
	Min. Supply Pressure	5 psi	5 psi	5 psi	5 psi	5 psi
	Dimensions (h x w x d) mm	400 x 590 x 240	400 x 590 x 240	400 x 590 x 240	400 x 620 x 330	400 x 620 x 330
	Inc. Res (h x w x d) mm	940 x 590 x 530	940 x 590 x 530	940 x 590 x 530	940 x 590 x 530	940 x 590 x 530
	Nett Weight (Kg)	12	12	20	20	20
	Inc. Reservoir (Kg)	32	32	40	40	40
Output Quality	pH	5.5 - 6.5	5.5 - 6.5	5.5 - 6.5	5.5 - 6.5	5.5 - 6.5
Output Quality	Conductivity μ s/cm	< 2.5	< 2.5	< 1.5	< 2.5	< 2.5
Output Quality	Resistivity megohm-cm	0.4	0.4	0.66	0.4	0.4
Output Quality	Temperature	< 35 °C	< 35 °C	< 35 °C	< 35 °C	< 35 °C

Cabinet Water Stills



4 Litres/Hour Cabinet Stills
WSC/4 - Fitted with metal heater.
WSC/4S - Fitted with silica heater.

8 Litres/Hour Cabinet Stills
WSC/8 - Fitted with metal heater.
WSC/8S - Fitted with silica heater.

Double Distillation Cabinet Stills
WSC/4D - Output approximately
4 litres per hour of high purity distillate.
4 silica heaters.



Aquamatic Water Stills

4 Litres/Hour Aquamatic Stills
AWC/4 - Fitted with metal heater.
AWC/4S - Fitted with silica heater.

8 Litres/Hour Aquamatic Stills
AWC/8 - Fitted with metal heater.
AWC/8S - Fitted with silica heater.

Double Distillation Aquamatic Stills
AWC/4D - Output approximately
4 litres per hour of high purity distillate.
4 silica heaters.

Economy Water Stills

Hamilton economy water stills provide the same performance as four litre cabinet stills. The still features a high quality boiler and condenser distillation unit mounted on a stove enamelled metal chassis with all electrics in a metal housing.



WSE/4S Fitted with silica heater

Budget Water Stills

Hamilton budget water stills have been produced mainly to meet educational requirements. The still is a basic low cost unit, with an easy drain facility. Mounted on a stove enamelled metal chassis it will give four litres per hour of distillate but still retains safety thermostatic cut-out and high quality glassware.



WSB/4 Fitted with metal heater

Complete Water Still & Reservoir Unit

All cabinet water stills can be supplied as a complete unit mounted on Hamilton 25 litre reservoirs. Add prefix RS/25 to catalogue number. If required, customers can fit reservoirs to existing stills but they must be returned to our factory for fitting. Aquamatic stills can be used with any type of reservoir and do not have to be returned to our factory.



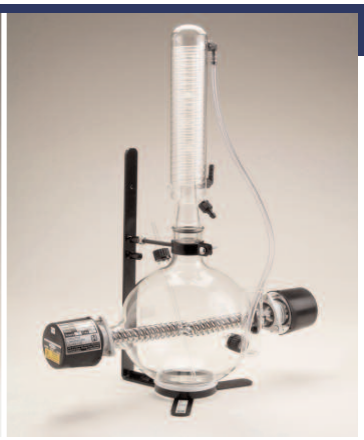
20 litre aspirator bottle can be supplied as a bench-mounted alternative reservoir to the cabinet style reservoir.



Vertical Water Stills



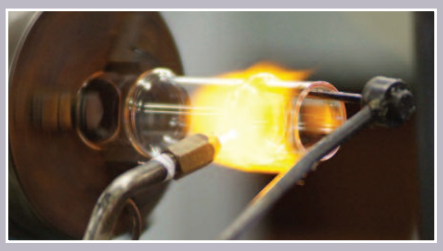
WSS/4 - 4 litre/hour vertical still

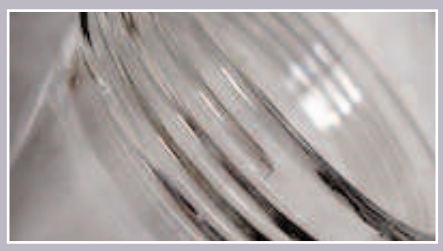


WSS/8 - 8 litre/hour vertical still

These traditional stills have been produced for many years providing reliable performance for a low capital outlay.

A double spiral condenser is mounted on a spherical boiling chamber with a flexible joint. Water flow is controlled by a constant level device. Heaters feature built in thermostatic cut-outs. A sturdy metal bracket is provided enabling stills to be either bench or wall mounted







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