

Cole-Parmer[®] Stuart[™] Water Stills - WS-200A-4, WS-200A-8 and WS-200AD-4

- Fully-automatic operation
- High-purity, pyrogen-free output
- Low-temperature distillate
- Operates from any raw water supply
- Reservoir level control
- Simple conversion to pre-treated feed
- Supplied with wall mounting bracket
- Safety features allow unattended operation
- Simple to clean





Cole-Parmer® Stuart™ Water Stills - WS-200A-4, WS-200A-8 & WS-200AD-4

The WS-200A-4, WS-200A-8 and WS-200AD-4 cabinet-style water stills are available in 3 models for single or double distillation of water. The high-quality borosilicate glassware, coupled with silica sheathed heaters, produces pyrogen-free distillate from virtually any raw water supply. The unique condenser ensures a ready-to-use cold distilled water supply. The design of the units ensures maximum energy efficiency, while the built-in “clean” function enables easy cleaning without the need for dismantling the glassware. The flow-sensor can detect reduction in the flow of cooling water and adjust the stills to run normally even with a low-pressure water supply, protect the units from overheating and damage. The WS-200A-4, WS-200A-8 and WS-200AD-4 water still is simple and safe to assemble; both the acrylic safety screen and the cabinet lid can be removed for easy access to the glassware components.

WS-200A-4

Operated from the laboratory bench or wall mounted to save space.
Produces 4 L of single-distilled water per hour.

WS-200A-8

Ideal for larger laboratories; the glassware is enclosed in the cabinet and the unit can also be operated from the laboratory bench or be wall mounted to save space.
Produces 8 L of single-distilled water per hour.

WS-200AS-4

Suitable for producing high purity double-distilled water. The first distillation step is carried out in a glassware set mounted at the front of the cabinet, which can be easily accessed for descaling. The water is then fed into a second set of glassware at the rear of the device and distilled for a second time. Water level sensors to ensure the heater is only activated when there is enough water in the boiler. Produces 4 L of higher purity double-distilled or 8 L of single-distilled water per hour.

Cole-Parmer® Stuart™ Water Stills

- WS-200A-4, WS-200A-8 & WS-200AD-4

Technical Specification

Specification	WS-200A-4	WS-200A-8	WS-200AD-4
Output, l/hr	4, single	8, single	4, single
pH	5.0 – 6.5	5.0 – 6.5	5.0 – 6.5
Conductivity, $\mu\text{Scm-1}$	1.0 – 2.0	1.0 – 2.0	1.0 – 1.5
Resistivity, mOhm-cm	0.5 – 1.0	0.5 – 1.0	0.7 – 1.0
Temperature, C	25 - 35	25 - 35	25 - 35
Pyrogen content*	Pyrogen free	Pyrogen free	Pyrogen free
Water supply	1 l/min 3-100psi (20-700kPa)	2 l/min 3-100psi (20-700kPa)	2 l/min 3-100psi (20-700kPa)
Electrical supply	220 or 240V, 50-60Hz, single phase	220 or 240V, 50-60Hz, single phase	220 or 240V, 50-60Hz, single phase
Max. power, kW	3	6	6
Dimensions, mm (w x d x h)	550 x 240 x 410	550 x 240 x 410	550 x 240 x 410
IP Rating	21	21	21

NB: Conductivity and resistivity are affected by the presence of dissolved carbon dioxide in water. All figures given are based on tests carried out free from carbon dioxide at 20°C.

*Care is required to produce pyrogen free water and the output should be tested before use.

Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Water Still 4L/HR IEC	99294-05	WS-200	WS-200A-4	A4000
Water Still 220V	99294-00	WS-200	WS-200A-4-220	A4000/220
Water Still 4LT/HR DBLE IEC	99294-15	WS-200	WS-200AD-4	A4000D
Water Still 4LT/HR DBLE IEC 220V	99294-10	WS-200	WS-200AD-4-220	A4000D/220
Water Still 8L/HR IEC	99294-25	WS-200	WS-200A-8	A8000
Water Still 8L/HR IEC 220V	99294-20	WS-200	WS-200A-8-220	A8000/220



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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