Cole-Parmer®
stuart™

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



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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.

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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, µScm-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 3-100psin (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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