Cole-Parmer®

WS-200 Cabinet-Style Water Stills

- 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
- 3-year warranty



DOMINIQUE DUTSCHER SAS



WS-200 Cabinet-Style Water Stills

The 200 series cabinet-style water stills are available in three 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, protecting the units from overheating and damage. The 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; it produces 8 L of single-distilled water per hour. 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.

WS-200AD-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.

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WS-200 Cabinet-Style Water Stills

Specifications

Model no.	WS-200A-4	WS-200A-8	WS-200AD-4
Output	4 L/hr, single distilled	8 L/hr, single distilled	4 L/hr, double distilled
pH	5.0 to 6.5	5.0 to 6.5	5.0 to 6.5
Conductivity*	1.0 to 2.0 µS/cm	1.0 to 2.0 µS/cm	1.0 to 1.5 µS/cm
Resistivity*	0.5 to 1.0 MΩ-cm	0.5 to 1.0 MΩ-cm	0.7 to 1.0 MΩ-cm
Temperature	25 to 35 °C (77 to 95 °F)	25 to 35 °C (77 to 95 °F)	25 to 35 °C (77 to 95 °F)
Pyrogen content†	Pyrogen free	Pyrogen free	Pyrogen free
Water supply	1 L/min at 3 to 100 psi (20 to 700 kPa)	2 L/min at 3 to 100 (20 to 700 kPa)	2 L/min at 3 to 100 (20 to 700 kPa)
Electrical supply	220 or 240 VAC, 50/60 Hz, single phase	220 or 240 VAC, 50/60 Hz, single phase	220 or 240 VAC, 50/60 Hz, single phase
Power requirement	3 kW	6 kW	6 kW
Dimensions (W x H x D)	55 x 41 x 24 cm (21.6 x 16.1 x 9.4 in)	55 x 41 x 24 cm (21.6 x 16.1 x 9.4 in)	55 x 41 x 24 cm (21.6 x 16.1 x 9.4 in)
IP rating	IP21	IP21	IP21
Warranty	3 years	3 years	3 years

*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 (68 °F).
†Care is required to produce pyrogen free water and the output should be tested before use.

Ordering Information

Description	Item no.	Series no.	Model no.	Legacy SKU
Water still, 4 L/hr, single distilled, 240 VAC	99294-05	WS-200	WS-200A-4	A4000
Water still, 4 L/hr, single distilled, 220 VAC	99294-00	WS-200	WS-200A-4-220	A4000/220
Water still, 8 L/hr, single distilled, 240 VAC	99294-25	WS-200	WS-200A-8	A8000
Water still, 8 L/hr, single distilled, 220 VAC	99294-20	WS-200	WS-200A-8-220	A8000/220
Water still, 4 L/hr, double distilled, 240 VAC	99294-15	WS-200	WS-200AD-4	A4000D
Water still, 4 L/hr, double distilled, 220 VAC	99294-10	WS-200	WS-200AD-4-220	A4000D/220

Note: Units are hard wired; the electrical installation should be carried out by a qualified electrician.

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*Enquiries from Germany and France are now handled in our St Neots office by native speaking experts.

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