

## 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





## 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.

# 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 $\mu$ S/cm                   | 1.0 to 2.0 $\mu$ S/cm                  | 1.0 to 1.5 $\mu$ S/cm                  |
| Resistivity*           | 0.5 to 1.0 M $\Omega$ -cm               | 0.5 to 1.0 M $\Omega$ -cm              | 0.7 to 1.0 M $\Omega$ -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.



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

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.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

Please contact us if this literature doesn't answer all your questions.