

Barnstead Classic Stills

Barnstead Classic Stills effectively remove inorganic solids, organics, bacteria, and pyrogens. The stills are constructed of copper and bronze with a coating of pure tin. The inert nature of tin prevents any leaching of contaminants into the water.

Product Features

- Double-walled boiler and preheating of feed water conserves electricity
- Vented condenser allows for stripping of gaseous impurities
- Unique de-concentrator removes scale forming impurities from the boiler
- Unique Thermo Scientific Q-Baffle ensures high quality pyrogen free water by stripping contaminant laden water droplets from steam
- Space-saving horizontal condenser
- Metal construction withstands years of use



Routine Laboratory Work

- Rinsing lab glassware
- Supplying autoclaves and ultrapure water systems
- Preparing and diluting buffers, reagents, and media

- Units are easily floor and bench mountable, depending on model
- Inert pure tin pathways assure product water quality
- Controller unit can be wall mounted

Portable Stills

- Requires no permanent plumbing or electrical connections, allowing quick set-up
- Includes low water cut-off for safety protection
- Bench-mounted

Floor Model Electric Stills

- Come standard with floor mounting stand
- New over temperature protection system improves safety
- New plug-and-play hardware allows for easier installation
- Capacities from 2 to 5 gal/hr
- Low water cut-off protects heating elements when water supply is interrupted
- Optional fully automatic controls allow for unattended operation
 - Stops still when storage reservoir is full, starts still when water level falls below preset level
 - Drains still boiler at selected 4-hour intervals to reduce scale formation

Steam Still

- Utilize available in-house steam as heat source
- Optional automatic controls allow for unattended operation
 - Stops still when storage reservoir is full, starts still when water level falls below preset level
 - Drains still boiler at selected 4-hour intervals to reduce scale formation

Quick Look Comparison			
	Portable Electric Stills	Floor Model Electric Stills	
Product water capacity, gal/hr	1/2	2	5
Mounting	Bench	Floor	

Tin lined for pure water



Specifications and Ordering Information

Tin-Coated Storage Reservoir Specifications

		Output gal/hr (L/hr)	Cooling water gal/hr (L/hr)	KW	Electrical (50/60 Hz)		Phase	Dimensions W x H x D in (cm)			Model number
					Volts	Amps					
Electric stills*	1/2 gal/hr Portable	0.5 (1.9)	4 (15)	1.3	120	12	1	21 (52)	19 (49)	10 (26)	A1007
	2 gal/hr	2 (7.6)	16 (61)	6	240	26	1	23 (58)	68 (173)	11 (28)	A1013-B-61
		2 (7.6)**	16 (61)	6	208	17	3	23 (58)	68 (173)	11 (28)	A1013-C
	5 gal/hr	5 (19)	40 (151)	13	240	57	1	35 (89)	77 (196)	14 (36)	A1015-B-61
		5 (19)**	40 (151)	13	208	36	3	35 (89)	77 (196)	14 (36)	A1015-C

** Volume Output for 208 V units can be reduced up to 25 % less than specified.

Required Accessories		Model Number
Storage reservoir	Storage of distilled water is required, see pages 70-71 for storage tank and accessories	
Optional Accessories		
Fully automatic controls 120 V (50/60 Hz) includes feed water and drain solenoid valves, manual valves, piping and level monitor	For use with 1 and 2 gal/hr electric stills	G2100
	For use with 5 gal/hr electric stills	G2110

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