

# 2002 - 2012



تهران، خیابان مطهری، خیابان فجر، پلاک 38



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[www.abzarteb.com](http://www.abzarteb.com)



[abzar.teb](https://www.instagram.com/abzar.teb)

## Comfortable and reliable

Models 2002 – 2012 with automatic operation supply two, four, eight and twelve litres of distillate per hour, depending on the model type.

The built-in distillate storage tank accepts double the hourly capacity of the Water Still. All models have successfully proved in every-day laboratory routine. They dispose of an electronic monitoring function which ensures a continuous production of distillate.

## Specifications and Features

- ▶ good distillate quality, conductivity approx.  $2.3 \mu\text{s} / \text{cm}$  at  $25^\circ\text{C}$
- ▶ heating element made of stainless steel, material no. 1.4876
- ▶ thermostatic low water cut-off, to protect the heating element in case of low water
- ▶ energy-saving through distillation of the heated cooling water



**2004** Mono Water Still 4 l / h with built-in storage tank 8 l, for bench and wall mounting

- ▶ degassing of carbon dioxide through vent in the top
- ▶ evaporator with baffle is easily accessible by lifting the lids. Material: stainless steel, material no. 1.4301
- ▶ storage tank for distillate accepts double the hourly capacity of the unit. Material: stainless steel, material no. 1.4301
- ▶ condenser (cooling coil) in the storage tank, easily exchangeable. Material: stainless steel, material no. 1.4301
- ▶ water supply through a built-in solenoid valve with connection for water pressure hose 1/2 inch (inner Ø 12.7 mm) \*
- ▶ cooling water pressure required: > 3 bar to max. 7 bar. After switching on the main switch the solenoid valve opens the water supply and closes it once the storage tank is full, thus avoiding unnecessary waste of water
- ▶ cooling water outlet with hose connection 3/4 inch (inner Ø 19 mm). Water that has not been condensed flows off through the cooling water outlet \*
- ▶ distillate withdrawal through the drain cock on the front of the unit. The drain cock can be opened in either continuous or touch position
- ▶ an electronic level switch switches the still off when the storage tank is full and restarts it automatically when distillate is withdrawn
- ▶ an electronic impurity detector switches the unit off in case of high degree impurities in the evaporator, the red pilot lamp "Clean" will glow
- ▶ drainage of the evaporator through drain cock on the right-hand side of the unit
- ▶ main switch and pilot lamps (yellow pilot lamp for operation and red pilot lamp for cleaning) are on the front of the unit
- ▶ double-walled housing. Housing is made of electrolytically galvanized sheet steel, electrostatically powder-coated with epoxy resin
- ▶ power connection through connection cable; 2 and 4 litre units have German shock-proof type (Schuko) plug



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#### Technical data

Model Order No.	Capacity l / h	Storage tank Contents / l	Cooling water requirement l / h approx.	Exterior dimensions mm approx.			Electrical connection*	Weight kg approx.		Packing volume approx. m <sup>3</sup>
				Width	Depth	Height		net	gross cardboard box	
2002	2	4	30	540	290	420	230 V / 50...60 Hz / 1.5 kW	15.4	18.5	0.16
2004	4	8	48	620	330	460	230 V / 50...60 Hz / 3.0 kW	20.2	24.0	0.16
2008	8	16	72	780	410	540	400 V / 3ph/N/PE / 50...60 Hz / 6.0 kW three-phase current	30.7	41.0	0.34
2012	12	24	198	780	410	670	400 V / 3ph/N/PE / 50...60 Hz / 9.0 kW three-phase current	43.0	47.0	0.48

\* Other voltages available on request

\* Tubes for water inlet and outlet can be supplied as accessories.