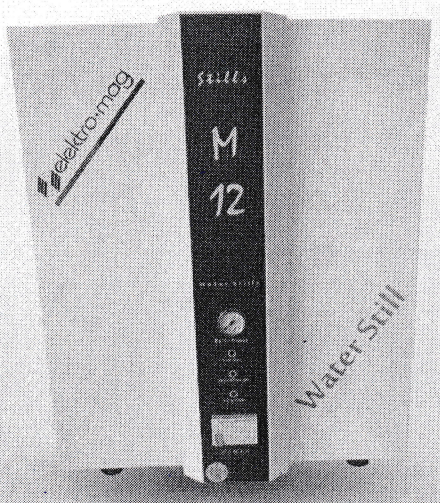
WATER STILL

WATER STILL

With Stainless Steel Chamber

	M 4	M 8	M 12
Distillation water capacity	4 lt / hour	8 lt / hour	12 lt / hour
Cooling water consumption (max.)	40 lt / hour	80 lt / hour	120 lt / hour
Cooling water output temperature	50 °C	50 °C	50 °C
Heater type	Stainless steel tube resistance	Stainless steel tube resistance	Stainless steel tube resistance
Safety measure	Water level control , magnetic switch, leakage current fuse	Water level control , magnetic switch, leakage current fuse	Water level control , magnetic switch, leakage current fuse
Casing material	Stainless steel	Stainless steel	Stainless steel
Interior material	Stainless steel	Stainless steel	Stainless steel
Connection materials	PVC and silicon hose	PVC and silicon hose	PVC and silicon hose
Water filter	External	External	External
Internal tank capacity	8 lt.	[illegible]	24 lt.
Fuse (automatic)	25 Amps.	3x25 Amps.	3x25 Amps.
Power rating	3000 W	3x2 kW	3x2,4 kW
Monitoring influent pressure	With analog manometer	With analog manometer	With analog manometer
Power supply	AC 190-240 V / 50-60 Hz	AC 380 V / 50-60 Hz	AC 380 V / 50-60 Hz
Overall dimensions (w x h x d)	65 x 52 x 25 cm.	72 x 66 x 34 cm.	72 x 66 x 34 cm.
Net weight	18 kg.	32 kg.	32 kg.
Gross weight	20 kg.	35 kg.	35 kg.



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1. DESCRIPTION AND FUNCTION OF THE DEVICE

Water Stills; are used to obtain distilled water in the research and quality control laboratories of the chemical, pharmaceutical, food, textile industry, medical laboratories, operating rooms of hospitals and clinics.

The distilled water produced does not contain metal ions, it is suitable for pharmacopoeia.

The boiler section is located at the top and has a lid. This section, where the resistance and water cutting automatic are located, can be easily cleaned by opening the lid and pouring salt spirit in case of calcification.

All sections in contact with water and water vapor are made of stainless steel. Silicone material is used in the pipes where with the possibility of calcification could built up due to poor main water quality.

If the mains water inlet flow rate is not sufficient, the "no water" lamp on the front panel lights up and the device does not start.

When the water level in the boiler drops to a lower level than normal, the resistance is automatically deactivated.

The device is manufactured in such a way that it can be hung on the wall.

The surface on which the device will be installed must be flat and solid.

The device is also designed to be used by hanging on the wall. In this case, it is important for security that the wall on which the device will be hung is solid and the installation of the hanging screws correctly.

2.3 Auxiliary Materials

Check the auxiliary materials supplied with the device:

- 3 meters long distilled water and cooling water connection hose
- 5 pcs hose clamp
- Silyphos lime and sediment filter
- 2 pcs hoses (for mains water and device connection)

2.4 Electrical Connection

The device should be connected to an alternating electric current only through a socket with a ground line, which is installed as required.

The voltage reported on the type plate of the device (on the back of the device) must be the same as the mains voltage at the place where it is installed.

The operating voltage of the device and the required fuse value are reported on the type plate of the device.

Pay special attention to:

- The plug of the device and the outlet to be connected are compatible with each other.
- Ensure that the earth line is properly laid.

If for any reason it is necessary to replace the power cord, this must be done by our authorized service provider.

2.5 Device Label

lights up and the production of distilled water begins, starting to warm up in the device. Distilled water is produced and stored in the internal tank of the device. When the produced distilled water tank is fully filled, the TANK FULL lamp lights up and the device automatically stops working and the mains water inlet connection is closed, in this case there will be no more hot water output from the device cooling water outlet. If the distilled water outlet valve at the tank outlet is opened and distilled water is taken, the device automatically starts to work again and produces as much distilled water as is missing and closes automatically again.

- If the device does not start, check that the mains inlet pressure may be insufficient.
- The ideal value of the inlet water pressure of the device during operation should be set between 0.5-0.7 bar.

5. WARNINGS

Attention!

User manuals are made for many models.

When reading the user manual, we recommend that you read it by comparing the details of your device with the pictures.

Please read the user manual and all other documents supplied with the device carefully and act in accordance with the information provided.

Your new device is properly packed and protected to avoid damage when it is delivered to you.

Current Shock Hazard!

All repairs that need to be made to the device must be done by our authorized workshop or by an authorized specialist.

When any repairs are required and you cannot eliminate the fault yourself in accordance with the information provided;

- Turn off the Fuse of the device.
- Disconnect the device from the electrical network.
- Call the authorized dealer or Elektro-mag technical service in your area.

Make sure that the power supply line of the device is installed with cables that can meet the required power.

Do not pull the electrical plug of the device by holding it by the cable and the ports may separate.

If you will not use the device for a long time, close the valve of the mains water that feeds the device.

Ensure that the water supply pressure of the device is constant, pressure changes in the feed water will adversely affect the operation of the device.

8. TECHNICAL SPECIFICATIONS

MODEL	M 4
Distillation water capacity	4 liters/hour
Cooling water consumption	40 liters/hour
Cooling water outlet temperature	50 °C
Internal tank capacity	8 lt
Heater type	Stainless steel tube resistance
Safety measure	Water level control, magnetic switch
Casing material	Stainless steel finished in stoved enamel paint
Interior material	Stainless steel
Internal Tank Capacity	8 lt
Connection materials	PVC and silicone hose
Fuse (automatic)	25 Amps.
Power supply	190-220V / 50-60 Hz.
Power rating	3000W
Overall dimensions (w x h x d) (cm.)	62 x 60 x 35
Net weight (kg.)	18 kg.