

D-50

The most competent and automatic distiller in the market with the lowest operating cost. The D-50 operates without any need for expensive product specific filters or cartridges typical for many systems. The D-50 has a unique self-cleaning function that eliminates the need for dismantling and manual cleaning which is usually necessary for distillers.

Cellkraft water distiller: Autonomy - Economy.

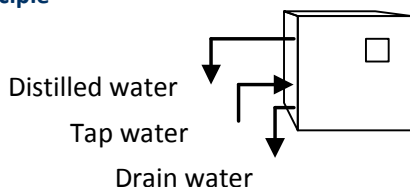
Unique capabilities

- Automatic cleaning.
- No expensive product specific filter and cartridge consumables.
- Lowest operation cost in the market, approx 0.1 Euro/litre water.
 - 1 litre of distilled water requires:
 - 0.7 kWh electricity
 - 7 litres of tap water
 - 0.7 g of citric acid
- Flow meter. Set the volume of any empty vessel and the unit will stop when the volume is produced.
- Automatic sterilization (optional).

Technology

- Microprocessor controlled
- Touch display.
- Automatically cleaned with citric acid from an internal reservoir.
- Water saving by efficient plate heat exchanger and proportional control of cooling water.
- Electricity saving by use of preheated water.
- No risk of overheating or running dry. Fully protected by alarms.
- CE-certified
- All stainless steel
- 2 years world wide warranty on all parts

Principle



D-50 distiller wall mount version



New compact!
D-50 distiller bench top version

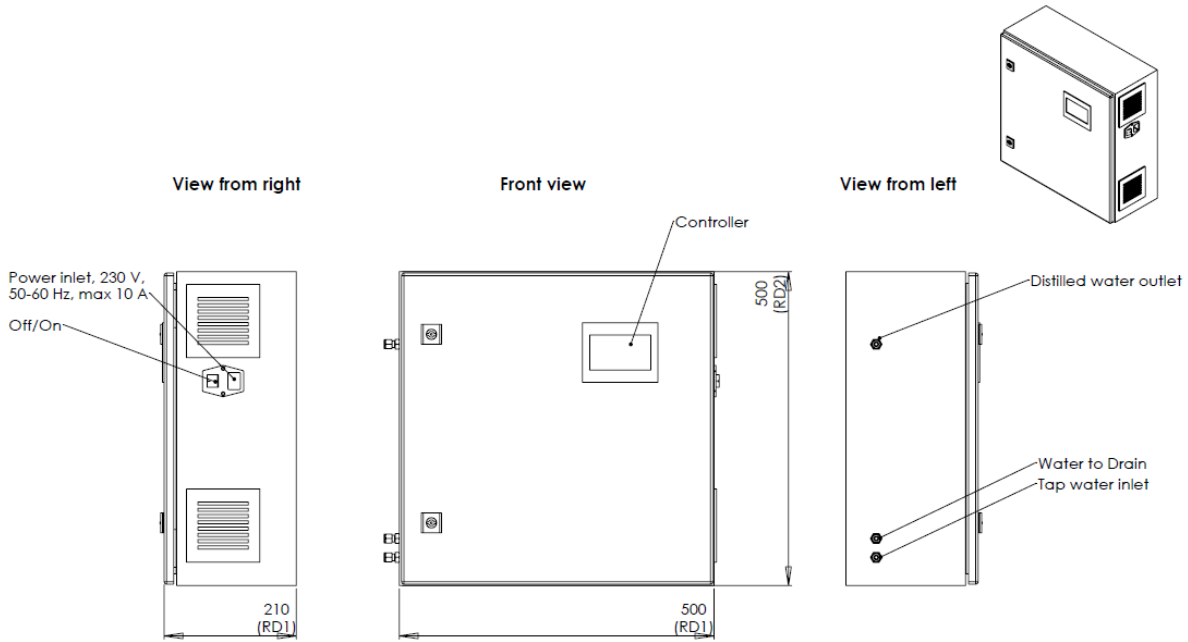
Technical data

Distilled water		
Capacity	50 litres/24 hours	
Purity	1-2 µS / cm @ 25 °C (ASTM Type II water)	
Temperature	Adjustable 25-90 °C.	
Liquid supply		
Water quality	Tap water	
Pressure of inlet water	3-6 barg	
Water consumption (supply and cooling)	7 litres/litre distilled water (14 l/hour at 30 °C distilled water temp.)	
Electric supply		
Power (max/standby)	1500 W / 10 W	
Voltage	(208)-240 VAC / 50-60 Hz	
Energy consumption	0.7 kWh/litre distilled water	
Citric acid		
Tank volume	1 litre	
Consumption	Down to 0.7 g/litre distilled water	
General		
	Wall mount	Bench top
Dimensions (WxHxD)	500x500x210 mm	192x364x381
Weight	26 kg	10 kg
Enclosure material	304 Stainless steel	Powder coated Al
Ambient temperature	+5... +35 °C	
Wetted materials	316 Stainless steel, (PP, EPDM)	
Fluid connections	6 mm or 1/4" Compression fitting	
Certification	CE certified	

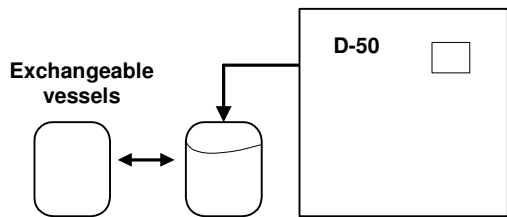
Distillation

Distillation removes inorganic solids, organics with higher boiling point than water, bacteria and pyrogens from water. Distillers can be turned on after standstill and instantly produce pure water without cleaning or replacement of filters. The distillation process offers autonomy and produces pure water without need for expensive product specific consumables like filters or cartridges.

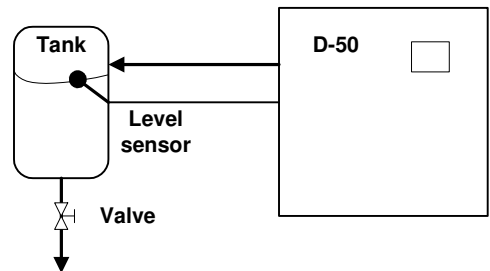
Design and dimensions wall mount version



Operation



The unit can be used to fill up exchangeable vessels. Place a vessel at the outlet and set the volume of the vessel. Press start. The unit fills up the vessel with newly produced water. When the set volume is produced the unit stops production and goes to standby. Filling can optionally be done with an initial steam sterilisation of the vessel.



The unit can also be used with a fixed external tank that is filled up by the unit. In this way water is available for high flow instant tapping. Contact Cellkraft for your preferred option.

Contact – Direct sale world wide

Anders Ocklind
 +46 8 673 19 14
 anders.ocklind@cellkraft.se

Joakim Nordlund
 +46 8 673 19 15
 joakim.nordlund@cellkraft.se

Cellkraft AB
 Lilla Frescativägen 4A
 SE-114 18 Stockholm
 Sweden

www.cellkraft.se