



TECNOSERVICE'21 srl

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Services and Technologies for professional catering since 1973



PROFESSIONAL DESCRIPTION

AUTOMATIC WATER SOFTENER with 5 liter cylinder for 3.5 liters of RESINS, AL Series, with CHRONOMETRICAL ALIA VALVE :
TECHNICAL DATA

- **Cylinder capacity 5 liters**
- **Resin volume 3.5 lt**
- **Quantity of salt for each regeneration 0.6 Kg**
- **Maximum quantity of salt in brine 10 kg**
- Maximum flow rate 1400 l/h
- **Ambient temperature Min 4°C Max 35°C**
- **Inlet water temperature Min 6°C Max 25°C**
- Water pressure 0.2 Mpa Min 2 bar - 0.8 Mpa Max 8 bar
- **3/4"G water connection (Mod. ACL07)**
- **3/8"G water connection (Mod. ACL08)**
- Standard power supply 230V 50/60 Hz
- Power consumption 4 W
- Weight 11 kg

INPUT WATER CHARACTERISTICS

- drinkable and clear water (sdi 1)
- temperature between min 6 °C and max 25 °C
- pH ranging from 3 to 11
- pressure 2 bar - 8 bar
- hardness less than 900 ppm (90° French)

SUPPLIED

- 1 Alia Valve
- 1 salt tank
- **1 5 liter cylinder with 3.5 liters of cationic resins suitable for softening**
- 1 instruction booklet
- 3 m drain hose
- 1 Overflow elbow fitting
- 1 m Hose overflow

PERFORMANCE and FUNCTIONALITY '

- **Ideal for meeting the needs of the bar and restaurant sectors and for all water use applications :** 2/3/4 group coffee machines, cup washers, dishwashers, ice makers, steam cooking ovens, etc. **Thanks to the disinfection of the resins, they are also suitable for domestic use .**
- **Thanks to dedicated software, AL softeners practically install themselves,** by pressing a button they activate quickly and independently. The installer will easily find all the indications on the LCD display. The **backlit LCD display** will show all the necessary information relating to the frequency of regenerations, the softener model, etc.
- By simply reading the display, you can immediately understand the programming mode and all the settings.
- The **AL water softener** gives you the **possibility to choose five languages** in which to communicate: Italian, English, French, German and Spanish.
- It allows a **reduction in regeneration times of up to 50%** compared to previous models, thanks to the optimization of the regeneration phases. **During regeneration,** in addition to recharging the resins, **disinfection of the resins and monitoring of the salt are carried out .**
- **If there is no salt in the brine , ALIA will warn the user with three signals :** an intermittent red LED, a **message "Add Salt" on the display and an acoustic warning via a buzzer** . The time and day of the alarm will be simultaneously recorded with the acronym "AS" in the "Alarm History" function. In this way the correct functioning of the water softener will always be guaranteed.
- **The lack of salt alarms** , like all the warnings communicated by the AL softener, **will be recorded in the "Alarm History" function** which can be consulted at any time desired;
- At the end of the installation, by pressing the "OK" and "-" keys, **the AL water softener will carry out the self-installation program ;** at the end of which it will be ready to function correctly and dispense softened water. **The self-installation program, in a few minutes and in complete autonomy** , will rinse the resins and fill the brine with the right amount of water.
- **Programming is simple and intuitive** , it takes place via the four buttons arranged around the display.
- Once programmed, all the set data will be shown on the display, in particular:
 - The current date and time. -The activation of salt monitoring.-The water softener model. -Any variations in regeneration duration times. -On which day will the next regeneration be performed
- **There are two ways to program the regeneration sequences in Chronometric mode:** by setting one or more pre-established days of the week, or **the interval of days that elapse between one regeneration and the next** .
- At the end of the programming, the AL softener **will automatically carry out the regenerations and will monitor the presence of salt in the brine** , warning of any shortage.
- During regeneration, the phase in progress will be indicated on the display.
- **Performs the third regeneration automatically** , recording the date which will be considered as the start of operation. The start of the warranty will refer to this date. It will not be possible to delete the stored date.
- All the functions entered in the programming will be readable on the display by pressing a button. In particular, we will be able to see how many times the water softener has warned of the lack of salt.

TECHNICAL CARD

power supply	Monofase
Volts	V 230/1
frequency (Hz)	50
motor power capacity (Kw)	0,004
net weight (Kg)	11
breadth (mm)	230
depth (mm)	360
height (mm)	460

AVAILABLE MODELS

DVC-ACL07



Technochef - 5 liter AUTOMATIC SOFTENER, CHRONOMETRICAL, 3/4"G connections, Mod.ACL07

5 liter automatic water softener-purifier with cabinet, with 3.5 liters of RESINS, AL Series, chronometric ALIA valve, max flow rate 1400 l/h, 3/4"G water connection, LCD display and salt shortage warning , V.230/1, Watt.4, Weight 11 Kg, dim.mm.230x360x460h

Delivery from 3 to 6 days

DVC-ACL08



Technochef - 5 liter AUTOMATIC SOFTENER, CHRONOMETRICAL, 3/8"G connections, mod. ACL08

5 liter automatic water softener-purifier with cabinet, with 3.5 liters of RESINS, AL Series, chronometric ALIA valve, max flow rate 1400 l/h, 3/8"G water connection, LCD display and lack of salt warning , V.230/1, Watt.4, Weight 11 Kg, dim.mm.230x360x460h

Delivery from 3 to 6 days

TECHNICAL CARD

CODE/PICTURES	DESCRIPTION	PRICE/DELIVERY
DVC-FL004	Technochef - WIRE-WOUND CARTRIDGE 5", for WATER FILTER, Mod.FL004 5" wound wire cartridge.	Delivery from 4 to 9 days
DVC-FL007	Technochef - WIRE-WOUND CARTRIDGE 9", for WATER FILTER, Mod.FL007 9" wound wire cartridge.	Delivery from 4 to 9 days
DVC-FL006	Technochef - CARTRIDGE in ACTIVATED CARBON 5", for WATER FILTER, Mod.FL006 5" activated carbon cartridge.	Delivery from 4 to 9 days
DVC-PF02	Technochef - 9" ACTIVATED CARBON CARTRIDGE, for WATER FILTER, Mod.PF02 9" activated carbon cartridge.	Delivery from 4 to 9 days

DVC-NK124**Delivery** from 4 to 9 days**Technochef - WATER FILTER with WRAPPED WIRE CARTRIDGE, 3/4" connections, Mod.NK124**

Water filter with 50 micron wound wire cartridge, NK Series, 5" bowl, 3/4" connections, for automatic water softeners.

DVC-NK123**Delivery** from 4 to 9 days**Technochef - WATER FILTER with WRAPPED WIRE CARTRIDGE, 1/2" connections, Mod.NK123**

Water filter with 50 micron wound wire cartridge, NK Series, 5" bowl, 1/2" connections, for automatic water softeners.

DVC-NK124C**Delivery** from 4 to 9 days**Technochef - WATER FILTER with ACTIVATED CARBON CARTRIDGE, 3/4" connections, Mod.NK124C**

Water filter with 5 micron activated carbon cartridge, NK Series, 5" cup, 3/4" connections, for automatic water softeners.

DVC-NK123C**Delivery** from 4 to 9 days**Technochef - WATER FILTER with ACTIVATED CARBON CARTRIDGE, 1/2" connections, Mod.NK123C**

Water filter with 5 micron activated carbon cartridge, NK Series, 5" cup, 1/2" connections, for automatic water softeners.

DVC-NK224**Delivery** from 4 to 9 days**Technochef - WATER FILTER with WRAPPED WIRE CARTRIDGE, 3/4" connections, Mod.NK224**

Water filter with 50 micron wound wire cartridge, NK Series, 9" cup, 3/4" connections, for automatic water softeners.

DVC-NK223**Delivery** from 4 to 9 days**Technochef - WATER FILTER with WRAPPED WIRE CARTRIDGE, 1/2" connections, Mod.NK223**

Water filter with 50 micron wound wire cartridge, NK Series, 9" bowl, 1/2" connections, for automatic water softeners.

DVC-NK224C**Delivery** from 4 to 9 days**Technochef - WATER FILTER with ACTIVATED CARBON CARTRIDGE, 3/4" connections, Mod.NK224C**

Water filter with 5 micron activated carbon cartridge, NK Series, 9" cup, 3/4" connections, for automatic water softeners.

DVC-NK223C**Delivery** from 4 to 9 days**Technochef - WATER FILTER with ACTIVATED CARBON CARTRIDGE, 1/2" connections, Mod.NK223C**

Water filter with 5 micron activated carbon cartridge, NK Series, 9" cup, 1/2" connections, for automatic water softeners.



Addolcitore d'acqua automatico AL5

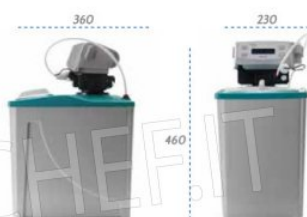


Mod. ACL08 3/8"G 3/8"G
Mod. ACL07 3/4"G 3/4"G



AL5

Peso	11 kg
Sale per rigenerazione	0,6 kg
Sale in Salamoia	10 kg
Capacità Ciclica	21 m ³ "f"





LITRI DI ACQUA ADDOLCITA IN BASE ALLA SUA DUREZZA					
Durezza dell'acqua	20 °f 11 °d	30 °f 16 °d	40 °f 22 °d	50 °f 28 °d	60 °f 33 °d
Litri Acqua addolcita	1050	700	525	420	350



