



TECNOSERVICE'21 srl

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Services and Technologies for professional catering since 1973



PROFESSIONAL DESCRIPTION

AUTOMATIC WATER SOFTENER with 12 liter cylinder for 9 liters of RESINS, AL Series, with CHRONOMETRICAL ALIA VALVE :

TECHNICAL DATA

- **Cylinder capacity 12 liters**
- **Resin volume 9 lt**
- **Quantity of salt for each regeneration 1.5 Kg**
- **Maximum quantity of salt in brine 25 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. ABL07)**
- **3/8" G water connection (Mod. ABL08)**
- Standard power supply 230V 50/60 Hz
- Power consumption 4 W
- Weight 15 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 12 liter cylinder with 9 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 completely autonomously** , 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.

CE mark
Made in Italy

TECHNICAL CARD

power supply	Monofase
Volts	V 230/1
frequency (Hz)	50
motor power capacity (Kw)	0,004
net weight (Kg)	15
breadth (mm)	285
depth (mm)	405
height (mm)	595

AVAILABLE MODELS

DVC-ABL07



Technochef - 12 liter AUTOMATIC SOFTENER - CHRONOMETRICAL, 3/4"G connections, Mod.ABL07

12 lt automatic water softener-purifier with cabinet, with 9 lt of RESINS, AL Series, chronometric ALIA valve, max flow rate 1400 lt/h, 3/4"G water connection, LCD display and salt shortage warning, V .230/1, Watt 4, Weight 15 Kg, dim.mm.285x405x595h

€ 367,14

VAT excluded
Shipping to be calculated

Delivery from 3 to 6 days

DVC-ABL08



Technochef - 12 liter AUTOMATIC SOFTENER - CHRONOMETRICAL, 3/8"G connections, Mod. ABL08

12 lt automatic water softener-purifier with cabinet, with 9 lt of RESINS, AL Series, chronometric ALIA valve, max flow rate 1400 lt/h, 3/8"G water connection, LCD display and lack of salt warning, V .230/1, Watt 4, Weight 15 Kg, dim.mm.285x405x595h

€ 367,14

VAT excluded
Shipping to be calculated

Delivery from 3 to 6 days

TECHNICAL CARD

CODE/PICTURES	DESCRIPTION	PRICE/DELIVERY
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DVC-FL004



Technochef - WIRE-WOUND CARTRIDGE 5", for WATER FILTER, Mod.FL004
5" wound wire cartridge.

€ 5,87
VAT excluded
Shipping to be calculated
Delivery from 4 to 9 days

DVC-FL007



Technochef - WIRE-WOUND CARTRIDGE 9", for WATER FILTER, Mod.FL007
9" wound wire cartridge.

€ 8,40
VAT excluded
Shipping to be calculated
Delivery from 4 to 9 days

DVC-FL006



Technochef - CARTRIDGE in ACTIVATED CARBON 5", for WATER FILTER, Mod.FL006
5" activated carbon cartridge.

€ 12,93
VAT excluded
Shipping to be calculated
Delivery from 4 to 9 days

DVC-PF02



Technochef - 9" ACTIVATED CARBON CARTRIDGE, for WATER FILTER, Mod.PF02
9" activated carbon cartridge.

€ 16,65
VAT excluded
Shipping to be calculated
Delivery from 4 to 9 days

DVC-NK124



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.

€ 44,39
VAT excluded
Shipping to be calculated
Delivery from 4 to 9 days

DVC-NK123



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.

€ 44,39
VAT excluded
Shipping to be calculated
Delivery from 4 to 9 days

DVC-NK124C



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.

€ 46,93
VAT excluded
Shipping to be calculated
Delivery from 4 to 9 days

DVC-NK123C



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.

€ 46,93
VAT excluded
Shipping to be calculated
Delivery from 4 to 9 days

DVC-NK224



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.

€ 50,73

VAT excluded
Shipping to be calculated

Delivery from 4 to 9 days

DVC-NK223



Technochef - WATER FILTER with WRAPPED WIRE CARTRIDGE, 1/2" connections, Mod.NK223

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

€ 50,73

VAT excluded
Shipping to be calculated

Delivery from 4 to 9 days

DVC-NK224C



Technochef - WATER FILTER with ACTIVATED CARBON CARTRIDGE, 3/4" connections, Mod.NK224CC

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

€ 53,27

VAT excluded
Shipping to be calculated

Delivery from 4 to 9 days

DVC-NK223C



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.

€ 53,27

VAT excluded
Shipping to be calculated

Delivery from 4 to 9 days



Addolcitore d'acqua automatico AL12



Mod. ABL08 3/8"G 3/8"G
Mod. ABL07 3/4"G 3/4"G



AL12

Peso	15 kg
Sale per rigenerazione	1,5 kg
Sale in Salamoia	25 kg
Capacità Ciclica	50,5 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	2520	1680	1260	1008	840



