



Avtomatične mehčalne naprave v kabinski - kompaktni izvedbi. Rezervoar za ionsko maso in rezervoar za sol, se nahajata v istem ohišju. Za majhne pretoke in medregeneracijske cikle, predstavljajo te naprave elegantno in volumensko majhno rešitev mehčanja vode za stanovanja ali stanovanjsko hišo. Vsi uporabljeni materiali so atoksični in primerni za uporabo v prehrabeni industriji. Rezervoar za ionsko maso je iz poliestra, ojačanega s steklenimi vlakni, visokokapacitivne ionske mase pa so primerne za uporabo v prehrabeni industriji. Ohišje - rezervoar za sol je iz plastičnega materiala, odpornega na udarce. Naprave so opremljene z integrirano avtomatiko s 5 faznim ventilom (protismerno pranje - sesanje slanice in počasno pranje, izplaknjevanje, dotakanje rezervoarja za sol in delovanje), s prikazovalnikom faz delovanja, kompletno s programatorjem za avtomatičnim upravljanjem regeneracije.

Razpoložljivi s tremi različnimi regulatorji avtomatike:

AC/A- avtomatično časovno upravljanje (7 dni - 24 h) s programirano regeneracijo na želeno uro in dan.

AC/AT – naprednejša tehnologija časovnega upravljanja s programirano regeneracijo na želeno uro in dan ter frekvenco regeneracije. Možno je prenesti regeneracijo od min. 1 regeneracijo na 12 ur do max. 1 regeneracijo na 99 dni.

AC/AV – avtomatično upravljanje čas - volumen (elektronski, mikroprocesorski programator.), z možnostmi nastavitve regulacije:

- **čas – volumen:** po dosegu nastavljenega volumna ob določeni uri,
- **volumen:** po dosegu nastavljenega volumna,
- **čas:** na enak način kot je bilo razloženo pri avtomatizmu AC/AT.

Polavtomatsko delovanje (za vse modele)

V kateremkoli trenutku, neodvisno od prenestavljenega avtomatizma je možno preprosto sprožiti regeneracijo s pritiskom na gumb. Postopek regeneracije se sam zaključi in se vzpostavi prvotno stanje delovanja mehčalne naprave.

TEHNIČNE KARAKTERISTIKE - TECHNICAL FEATURES

	max. pretok / max flow	cikel / cycle mm.	smole / resins mm.	sol za cikel / salt for cycle mm.	priključki / connections mm.
AC 60	1,2	60	10	1,5	1"
AC 90	1,8	90	15	2,25	1"
AC 150	2,4	150	25	3,75	1"

Delovni tlak: 2,0 ÷ 8,0 bar (200 ÷ 800 kPa)

Working pressure

Delovna temperatura: 5 ÷ 40°C (41 ÷ 104°F)

Working temperature

Električno napajanje: 220 V 50/60 Hz 10w

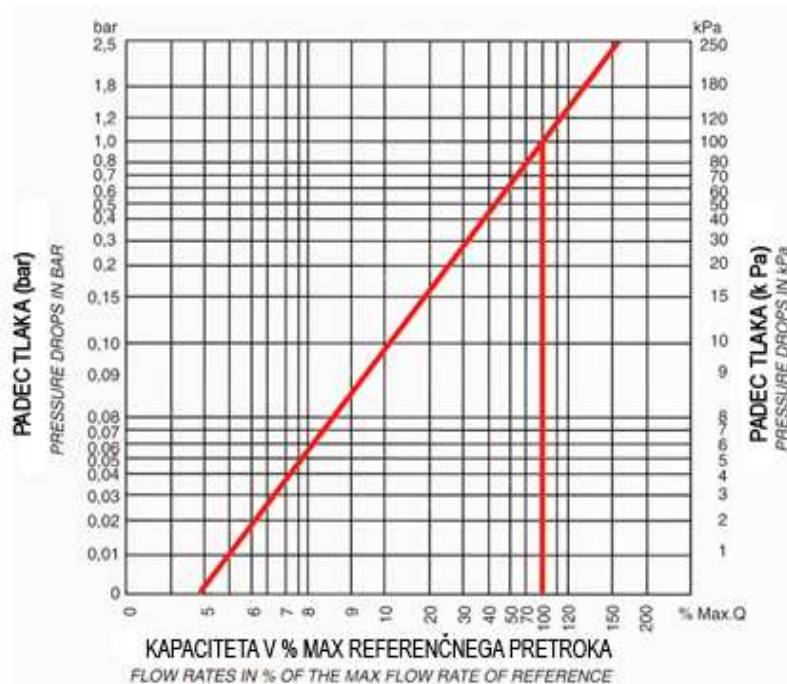
Power Supply

Delovna napetost - s transformator: 12 V 50 Hz

Working tension with built-in transformer

Graf na desni prikazuje padce tlaka v bar in kPa glede na različne pretoke, ki so prikazani kot % max pretoka vode.

The diagram shows the pressure drop, in bar and kPa, at the different flow rates, which are indicated as % of the max flow rate of reference.



AC / AT ČASOVNI AVTOMATIZEM

Na ekranu programatorja se prikazuje:

- datum in ura,
- prenapravljena ura regeneracije,
- frekvenca nastavljene regeneracije,
- poraba soli,
- ciklična kapaciteta naprave



AC/AV



AC/AT

Med regeneracijo je na ekranu možno preveriti predviden čas zaključka trenutnega cikla in celotne regeneracije.

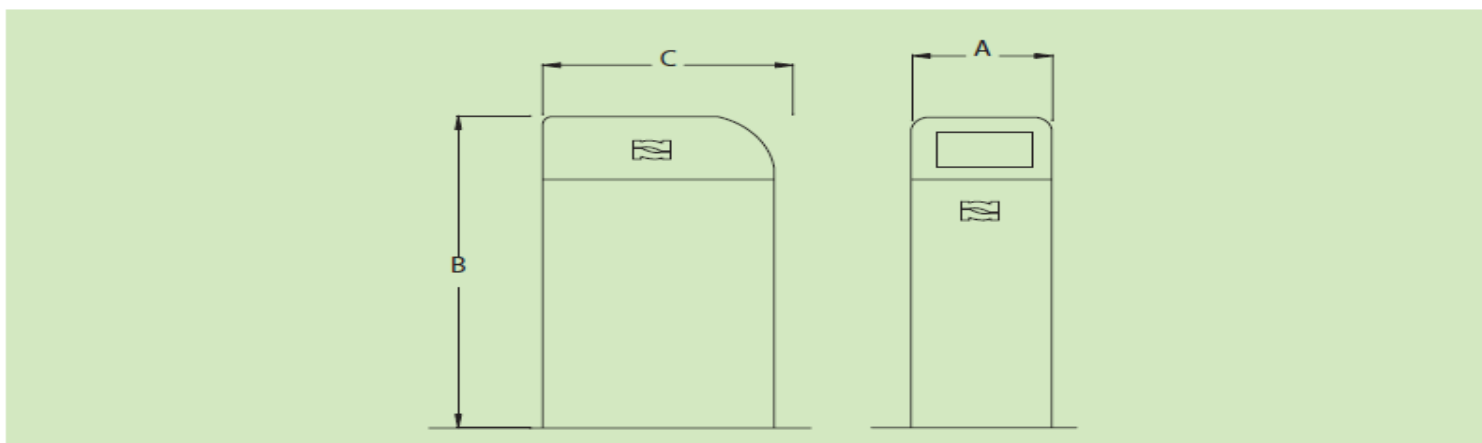
Znotraj programatorja je mogoče vgraditi vezje za prenašanje signala o fazi regeneracije na daljavo. Regeneracijo je možno sprožiti tudi z daljinsko napravo in nastaviti obvestilo o vzdrževanju.

DIMENZIJE (mm) IN TEŽA (kg) - DIMENSIONS (mm) & WEIGHT				
	A mm	B mm	C mm	Teža* kg
AC 60	320	670	600	30
AC 90	320	1010	600	35
AC 150	320	1140	600	50

(*) Teža ob odpremi – *shipping weight*

Dimenzije in teža navedenih naprav ustrezajo tudi napravam z oznako AC/A, AC/AT in AC/AV.

The dimensions and weight are the same for models AC/A, AC/AT and AC/AV



AC / AV VOLUMENSKI AVTOMATIZEM

Na ekranu programatorja se prikazuje:

- datum in ura,
- razpoložljivo količino mehke vode (m³) pred regeneracijo,
- pretok vode ob delovanju naprave (l/min)
- frekvenca nastavljene regeneracije,
- poraba soli,
- ciklična kapaciteta naprave

Med regeneracijo je na ekranu možno preveriti predviden čas zaključka trenutnega cikla in celotne regeneracije.

Znotraj programatorja je mogoče vgraditi vezje za prenašanje signala o fazi regeneracije na daljavo.

Regeneracijo je možno sprožiti tudi z daljinsko napravo in nastaviti obvestilo o vzdrževanju.

Automatic compact softeners: the vessel containing resins and the brine tank are assembled in a compact unit. They are an excellent and small-sized solution to soften water for flats or small buildings. All materials are non-toxic and suitable for drinkable water. All models are equipped with blending valve to set the residual hardness; besides, an alarm device in case of lacking of salt, is also available upon request. Besides, they can be equipped with CL90 device, for self-sterilizing regeneration. They meet the required standard for treatment of drinking water (Italian Ministry of Health DM 443/90). These softeners are available in 3 series, as below described (see below for details about the working of electronic programmers).

AC/A

Traditional and super-reliable control valve with electromechanical programmer; regeneration can be scheduled at the desired time and day of the week (7 days- 24 hours).

AC/AT

The most advanced control valve for regeneration complete with electronic programmer. The unit allows to set how often (minimum every 12 hours up to every 99 days) and the time of the day when the regeneration starts. It is also possible to set the regeneration at fixed day(s) of week, and at a fixed time.

AC/AV

The latest designed electronic programmer controls the working of this unit. The unit allows to set the regeneration according to the following modes :

- **time/volume mode:** regeneration starts afterthat the pre-set volume of water has been supplied, but only at a pre-set time of day.
- **volume mode:** regeneration starts immediately afterthat the pre-set volume of water has been supplied.
- **time mode:** same way of AC/AT models.

Besides an additional regeneration can be scheduled, minimum every 12 hours up to every 99 days, regardless of the actual volume of supplied water. Semi-automatic working (all models) Auxiliary push-button regeneration start, regardless of any pre-set automatic programme. The regeneration will be automatically completed and the unit will turn on service mode.

AC/AT time control

The display of the programmer shows:

- current day and time
- programmed time of regeneration
- how often the regeneration is programmed.
- consumption of salt
- capacity (cycle) of the unit

Besides, during the regeneration, the display shows the expected time to the end of the running phase and of the regeneration. A free voltage contact for remote report of the status of service/regeneration is also available, upon request. Regeneration can also be started by remote signal (free voltage) from other device; it is also possible to programme a notice of periodical maintenance required, on scheduled basis.

AC/AV volume control

The display of the programmer shows:

- flow rate during service
- available volume of treated water before the regeneration
- current day and time
- programmed time of regeneration
- how often the regeneration is programmed.
- consumption of salt
- capacity (cycle) of the unit

Besides, during the regeneration, the display shows the expected time to the end of the running phase and of the regeneration. A free voltage contact for remote report of the status of service/regeneration is also available, upon request. Regeneration can also be started by remote signal (free voltage) from other device; it is also possible to programme a notice of periodical maintenance required, on scheduled basis.