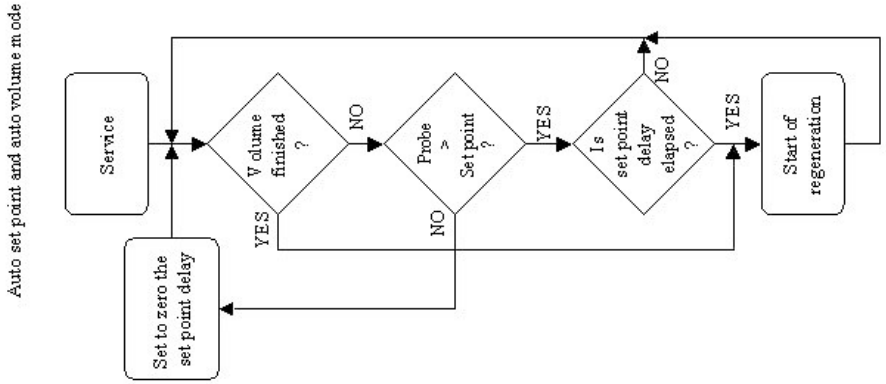
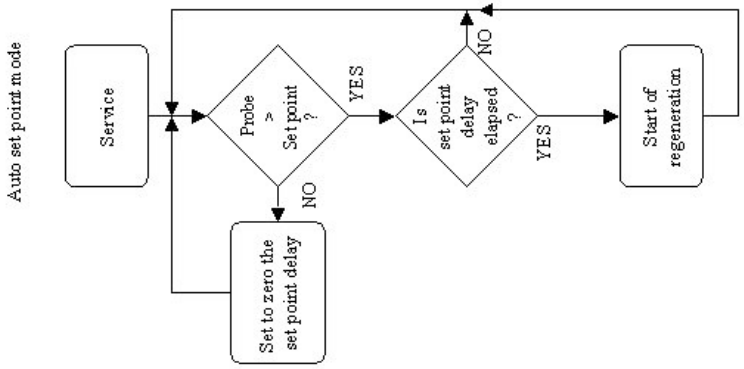
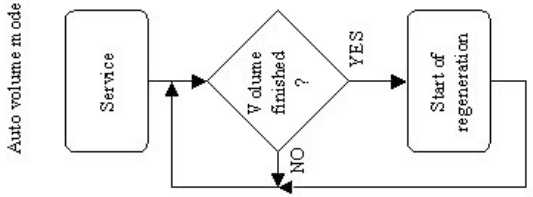
Working cycle graphic description.







AQUA IONIC

PROGRAMMING RAPID GUIDE

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Programming table

Step	☞	Display	Description
1	**PROG. MODE**	0 1 0 0	Set point. The right digits are flashing.
2	**PROG. MODE**	0 1 0 0	Set point. The left digits are flashing.
3	**PROG. MODE**	0.1 0 0	Volume set. The right digits are flashing.
4	**PROG. MODE**	0.1 0 0	Volume set. The left digits are flashing.
5	**PROG. MODE**	A A.0 1	Volume counter divider. The right digits are flashing.
6	**PROG. MODE**	A A 0 8	Set point delay time. The right digits are flashing.
7	**PROG. MODE**	A A 0 8	Set point delay time is being displayed. Re-press to confirm.
8	**X 0,1**	1 C 0 0	Regeneration cycle first stop time.
9	**PROG. MODE**	2 C 0 0	Regeneration cycle second stop time.
10	**PROG. MODE**	3 C 0 0	Regeneration cycle third stop time.
11	**PROG. MODE**	4 C 0 0	Regeneration cycle fourth stop time.
12	**PROG. MODE**	5 C 0 0	Regeneration cycle fifth stop time.
13	**PROG. MODE**	6 C 0 0	Regeneration cycle sixth stop time.
14	**PROG. MODE**	7 C 0 0	Regeneration cycle seventh stop time.
15	**PROG. MODE**	8 C 0 0	Regeneration cycle eighth stop time.
16	**PROG. MODE**	0 0 0 0	**All data are saved in eeprom.** The conductivity is displayed.

Troubleshooting

FAULT	PROBLEM	CORRECTIVE ACTION
The controller does not turn on	The socket is faulty. The transformer is faulty.	Verify by connecting another device to the same socket and the controller to another socket.
	The controller is blocked.	If present, disconnect the water meter sensor cable, in order to check it against short circuit. Perform the reset as shown in par. 6.8 of the manual.

The motor does not stop on the limit cycle switch.	The limit cycle switch is damaged.	Open the box and check the efficiency of the limit cycle switch and the other plastic parts.
	The cam is out or position.	Open the box and check that the metallic ring is complete and that it is positioned in the right way. Check that the cam can activate the limit cycle switch.
The controller does not regenerate.	The controller is not programmed in the right way.	Check the parameters programmed.
	The controller is inhibited.	Check if the led External Alarm is turned on. If it is, the controller is inhibited. In this case, disconnect the first DIN plug, the plug with the counter meter.

Command functions

X 0,1	Changes the conductivity scale. At the end of programming, it allows to enter the regeneration cycle time setting.
PROGRAM MODE	Enters the programming parameters setting.
ADVANCE	By pressing it during the programming or time setting, it allows to increase the digit flashing. Keep it pressed for 10 seconds to enter the diagnostic.
SELECT	Changes the regeneration cycle start mode.
MANUAL REGEN	Starts the regeneration cycle. By pressing it during a stop time of the regeneration cycle, sets to zero the time and reaches the next step.
RESET	During the programming, it allows to exit without saving the last data. By pressing it during the regeneration cycle, this will cause the cycle to end.
HIDDEN KEY	Positioned below the 6 keys, between Advance and Select, it allows a regeneration cycle test (1 min. phases). By pressing it during certain programming steps, sets to zero the digits flashing.

Diagnostic parameters

Display	Description
F – 0 0	The days elapsed from the last regeneration.
0.0.0.0.	The number of regeneration performed.
0 0 0 0	The volume left from the last regeneration.

IMPORTANT!
The programmed parameters are not immediately effective. They will be updated after the first regeneration. If the operator changes the parameters and doesn't perform a regeneration, or doesn't press the Reset command, the controller works with the former parameters, not with the latter ones.

Aqua Ionic is in compliance with the CE regulations.