AquaMaster
home water appliances

Controller Settings

Disclaimer: This is an abbreviated version of the controller settings. Please refer to your user manual for complete installation instructions.

Button Legend	
CHANGE button	to set the value
SELECT button	to move cursor to next right
DISPLAY button	to move to next setting
SCROLL BACK button	to step back to previous setting

Customer Settings
Press and hold the DISPLAY button for 5 seconds.

Display	Meaning	Settings for Models AMS700 and AMS950	Settings for Model AMS900	Comments
Time of day	Actual time	10:00am	10:00am	Set time
Regen time	Units of measure	02:00am	02:00am	Default
Number of people	Number of people in the household, used to calculate reserve capacity	3	3	Default Enter number of people

Service Settings
Press and hold both the DISPLAY button and the SELECT button for 5 seconds.

Display	Meaning	Settings for Models AMS700 and AMS950	Settings for Model AMS900	Comments
Set Language Eng	Set Language	Eng	Eng	
Units Eng	Units of measure	Eng	Eng	
Soft v.#	Displays software version	Soft v.#	Soft v.#	For reference only
Mode	Operating mode	2	2	Mode 2 is default regeneration mode on Demand. Mode 1 is for set timed regeneration (not recommended).
Hard. Gr.	Hardness grains of the water that was tested	**020** (Enter hardness in grains per gallon)	**020** (Enter hardness in grains per gallon)	Varies depending on water supply.
Iron ppm	Amount of iron in parts per million of the water that was tested	00	00	Default set at zero for municipal water supply. Well water supply requires testing.

Display	Meaning	Settings for Models AMS700 and AMS950	Settings for Model AMS900	Comments
Mang ppm	Amount of manganese in parts per million of incoming water	00	00	Default set at zero for municipal water supply. Well water supply requires testing.
Salt	Material filling the brine tank	Sodium or Potassium	Sodium or Potassium	Select, sodium (salt) most common
Comp. Hard.	Compensated hardness	This parameter cannot be set. This is the compensated hardness using the hardness, iron, and manganese, and salt settings. It should read the same as the hardness entered above, if iron and manganese are set at zero, and salt is set at sodium.		
Capac. Gr.	The desired capacity number	**10,400**	**15,400**	These generally offer the best efficiency.
72-96 hr. Regen No	A way to force regeneration at regularly scheduled intervals	No	No	Yes, if iron in incoming water (well).
Backwash	Number of minutes the first backwash cycle last	**01.0**	**01.0**	
Brine/Rinse	Number of minutes the first brine and slow rinse cycle lasts	**16.0**	**21.0**	
Backwash 2	Number of minutes the second backwash cycle lasts	**03.0**	**03.0**	
Salt lbs.	Amount of salt set to be used in each regeneration to achieve the capacity setting	**02.5**	**03.0**	
Turbine Test	Used by qualified personnel for diagnostic purposes	No	No	Do NOT set this to Yes.
Reg Tonight	Sets the appliance to regenerate tonight	No	No	Default
Filter?	Used by qualified service personnel	No	No	Default

Depending on your water hardness, other settings as detailed below may be preferable. In most cases, when hardness is below 35 grains per gallon, setting #2 is the most efficient.

AMS700 and 950	#1	**#2**	#3	#4
Capacity (grains)	5490	**10,400**	17,000	22,100
Backwash 1 (minutes)	1	**1**	1	1
Brine/Rinse (minutes)	8	**16**	32	54
Backwash 2 (minutes)	3	**3**	3	3
Salt Setting (lbs.)	1.0	**2.5**	6.5	12

AMS900

Capacity (grains)	5600	**15,400**	28,800	36,400
Backwash 1 (minutes)	1	**1**	1	1
Brine/Rinse (minutes)	11	**21**	43	66
Backwash 2 (minutes)	3	**3**	3	3
Salt Setting (lbs.)	1.0	**3.0**	7.5	15

For service or technical questions, please refer to your user manual or call
1.800.437.8993 or email info@aquamaster.ca