

AR100-125



30 years of experience
Domestic water treatment
and industrial.



The automatic control valve made of Noryl (insensitive to limescale and particles), is designed as the main control center for directing and regulating all cycles of a water softener.

When the AR100 control valve is used on a softener, it can be controlled to perform co-current or counter-current regeneration.

The AR125 works only in co-current

The control valve can be adjusted chronologically or volumetrically as required. The phases, their duration and their number can be programmed at will, to adapt perfectly to the use of each one.

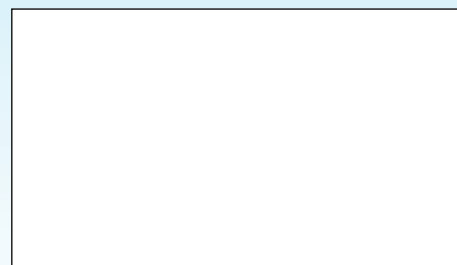
The main advantages of the Watertech AR100 AND AR125 valve are:

- * Very high flow
- * A proportionally adjustable and integrated residual hardness
- * Programming phases at will (number, order, duration)
- * Integrated proportional brining
- * A volumetric intelligence
- * An integrated bypass
- * A statistical program (days, consumption, number of regeneration, ...)
- * Secure low voltage power supply

Technical data	AR100	AR125
Connection diameter	DN 25	DN 32
Materials	Noryl	
Flow rate causing a pressure drop of 1 bar	5m ³ /h	7.2 m ³ /h
Min./max. Operating pressure	1.4 / 8.4 bar	
Regeneration	Against the current	Co-current
Min./max. Operating temperature in ° C	4.4 / 43.3	
Electrical connection	transformer 230V-50 Hz/12V	
Recommended for bottles	6 to 22 inches	



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AR100/	30	50	70	100	125	150
Qt resin	30	50	70	100	125	150
Bottle	10x35	10x54	13x54	13x54	14x65	16x65
Salt tray vol.	100	200	200	200	200	300
Tray diam x ht	46x63	53x100	53x100	53x100	53x100	77x101
Ht tot.	1127	1590	1590	1590	1855	1855
Capacity m3°F	170	280	385	550	700	825
Debit m3/h	4	5	5	5	5	5
Conso salt kg	3,3	5,5	7,7	11,0	13,5	16,5
Connection ^v	4/4	4/4	4,4	4,4	4/4	4/4
Pres.max bar	8,4	8,4	8,4	8,4	8,4	8,4
Temp.max°C	43	43	43	43	43	43

AR125/	50	70	90	125	150	200	250
Qt resin	50	70	90	125	150	200	250
Bottle	10x54	13x54	13x54	14x65	16x65	18x65	21x60
Salt tray vol.	200	200	200	200	300	300	300
Tray diam x ht	53x100	53x100	53x100	53x100	77x101	77x101	77x101
Ht tot.	1590	1590	1590	1855	1855	1855	1835
Capacity m3°F	280	385	500	700	825	1100	1400
Debit m3/h	6,5	7,2	7,2	7,2	7,2	7,2	7,2
Conso salt kg	7,0	9,8	12,6	17,5	21,0	28,0	35,0
Connection ^v	5/4	5/4	5/4	5/4	5/4	5/4	5/4
Pres.max bar	8,4	8,4	8,4	8,4	8,4	8,4	8,4
Temp.max°C	43	43	43	43	43	43	