

Fluid Ejectors

EE series brine ejectors are made in sizes from 1/2 inch to 2- inch pipe with standard female NPT threads. Socket weld ends are available upon request. They are constructed of corrosion-resistant PVC material specifically for application in water treatment systems. The ejector cartridge is chemically bonded inside the housing for long, trouble-free life.

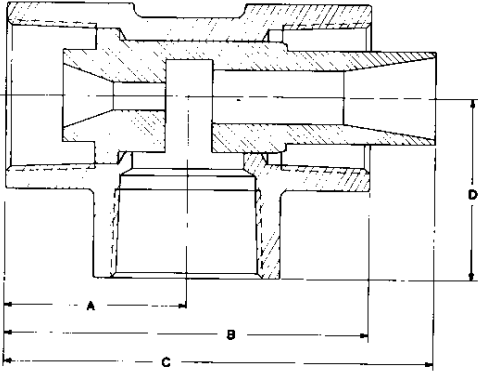


Operating Conditions

Maximum Temperature:	140F (60C)
Minimum operating pressure:	20 psi (1.4 bar)
Maximum Operating Pressure:	125 psi (8.6 bar).

- Optimal Performance
- Economical
- Durable
- Corrosion Resistant

CAT 630.2



Dimensions

NOTE:

1. Dimensions are nominal.
2. NA denotes not applicable.
3. Maximum temperature 140°F (60°C).
4. Due to the differences in the tees all dimensions are subject to variations.
5. Dimensions in inches.

Part No. 320400-X	Size	Color	Softener Model No.	Nozzle Dia	Throat Dia	A	B	C	D
- 1	¾	White	150,240	0.125	0.250	1.719	3.438	NA	1.50
- 3	¾	Blue	300	0.157	0.312	1.719	3.438	NA	1.50
- 2	1	Red	450,600,750	0.188	0.375	1.875	3.750	NA	1.82
- 4	1	White	900	0.219	0.438	1.875	3.750	NA	1.82
- 5	1	Blue		0.250	0.500	1.875	3.750	NA	1.82
- 9	1 ½	Red		0.281	0.562	2.375	4.750	5.625	2.375
- 10	1 ½	White	1200	0.312	0.625	2.375	4.750	5.625	2.375
- 8(11)	1 ½	Blue	1650,2100	0.359	0.719	2.375	4.750	5.625	2.375
- 12	1 ½	Yellow	2250,3000	0.406	0.812	2.375	4.750	5.625	2.375
- 97	2	Red		0.469	0.938	2.781	5.562	6.625	3.062

WKI EE SERIES EXTERNAL BRINE EJECTORS APPLICATION CHART

Part No. 320400-X	-1	-3	-2	-4	-5
Size	¾"	¾"	1"	1"	1"
Total Flow gpm	3.1	4.9	7.6	10.0	14.4
Brine Draw gpm	1.9	3.0	3.3	4.3	6.2
Slow Rinse gpm	1.2	1.9	4.3	5.7	8.2
Brine Concentration %	16	16	11	11	11
Brine Draw lbs/min	4.9	7.7	8.5	11.2	16.1
Part No. 320400-X	-9	-10	-11	-12	-97
Size	1 ½"	1 ½"	1 ½"	1 ½"	2"
Total Flow gpm	15.0	23.0	29.5	36.3	51.0
Brine Draw gpm	7.5	11.5	14.7	18.1	25.4
Slow Rinse gpm	7.5	11.5	14.8	18.2	25.6
Brine Concentration %	13	13	13	13	13
Brine Draw lbs/min	19.5	29.8	38.3	47.1	66.2

NOTES:

1. Based on 60 psi inlet pressure
2. Assumes 5 PSI back pressure on ejector.
3. Draw saturated brine @ 1.2 specific gravity 26% NaCl by weight.
4. Suction lift 3 feet.
5. Temperature 60°F (16°C).

From: Aquamatic Brochure No. 540-990

Installation: For optimum performance, the ejector should be installed so that 5 pipe diameters of straight pipe are provided upstream and downstream of the ejector.

Note: From Aquamatic Brochure No. 540-990

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