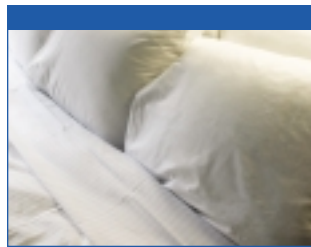


## IXS Series Commercial Softener

Commercial softener applications demand equipment of the highest quality and performance to provide reliable, consistent operation after the installation and for years to come.

The IXS Series of commercial softeners incorporates effective proven technologies such as fiberglass composite mineral tanks, lightweight Noryl<sup>®</sup> construction automatic valves, high quality ion exchange softener resin and dependable components throughout. A wide array of system configurations give the IXS Series the flexibility to meet the demands of many applications.



### Features:

- Dependable GE Autotrol Performa and Magnum Cv<sup>™</sup> Series Valves
- Internal turbine for ease of installation on Magnum
- Available with Demand Control, Calendar Clock, Electronic Time Clock or External Inputs
- Versatile Duplex/Triplex Parallel and Alternating Operational Configurations
- Trustworthy Fiberglass Mineral Tanks
- Reliable PVC Distribution and Brine Systems

### Applications

- Car washes
- Condominiums / Apartment Complexes
- Hotels
- Manufacturing Processes
- and many more



## IXS Series - Performance and Specifications

Base Model	Resin Volume per Tank cu.ft. ( Cu.M )	Capacity (grains) / lbs (kg) of salt per regeneration @ 15lb-salt / CF-resin @ 10lb-salt / CF-resin	Single Unit Flows <sup>(1)</sup> USGPM (Cu.M / hr)			Maximum Flow to Drain USGPM (Cu.M/hr)	Mineral Tank Size Dia. x Height in (mm)	Brine Tank Size Dia. x Height in (mm)	Single Unit Dimensions			Shipping Weight (Single) lb (kg)
			Continuous Flow Rate <sup>(2)</sup>	@ 15 psi drop (103 kPa)	@ 25 psi drop (172 kPa)				Height in (mm)	Depth in (mm)	Width Single in (mm)	
<b>Performa Valve Models</b>												
IXS 0212-1.0"	2 (0.06)	60,000 @ 30 lb (14) 54,000 @ 20 lb (9)	10 (2.3)	22 (5.0)	29 (6.6)	4 (0.9)	12x52 (305x1321)	21x36 (533x914)	56 (1412)	23 (579)	40 (1010)	181 (82)
IXS 0314-1.0"	3 (0.08)	90,000 @ 45 lb (29) 81,000 @ 30 lb (14)	15 (3.4)	21 (4.8)	28 (6.4)	5 (1.1)	14x65 (356x1651)	21x36 (533x914)	72 (1831)	23 (579)	42 (1060)	291 (132)
IXS 0416-1.0"	4 (0.11)	120,000 @ 60 lb (27) 108,000 @ 40 lb (18)	20 (4.5)	21 (4.8)	28 (6.4)	7 (1.6)	16x65 (406x1651)	21x36 (533x914)	72 (1818)	23 (579)	43 (1087)	372 (169)
IXS 0521-1.0"	5 (0.14)	150,000 @ 75 lb (34) 135,000 @ 50 lb (23)	23 (5.2)	23 (5.2)	30 (6.8)	12 (2.7)	21x54 (533x1372)	24x48 (610x1219)	61 (1562)	24 (610)	49 (1245)	495 (225)
<b>Magnum Valve Models</b>												
IXS 0314-2.0"	3 (0.08)	90,000 @ 45 lb (20) 81,000 @ 30 lb (14)	15 (3.4)	33 (7.5)	47 (10.7)	5 (1.1)	14x65 (356x1651)	21x36 (533x914)	76 (1920)	23 (579)	42 (1060)	309 (140)
IXS 0416-2.0"	4 (0.11)	120,000 @ 60 lb (27) 108,000 @ 40 lb (18)	20 (4.5)	42 (9.5)	59 (13.4)	7 (1.6)	16x65 (406x1651)	21x36 (533x914)	75 (1908)	23 (579)	43 (1087)	390 (177)
IXS 0521-2.0"	5 (0.14)	150,000 @ 75 lb (34) 135,000 @ 50 lb (23)	25 (5.7)	59 (13.4)	80 (18.2)	12 (2.7)	21x54 (533x1372)	24x48 (610x1219)	65 (1661)	24 (610)	49 (1245)	513 (234)
IXS 0621-2.0"	6 (0.17)	180,000 @ 90 lb (41) 162,000 @ 60 lb (27)	30 (6.8)	56 (12.7)	76 (17.3)	12 (2.7)	21x54 (533x1372)	24x48 (610x1219)	65 (1661)	24 (610)	49 (1245)	565 (256)
IXS 0721-2.0"	7 (0.20)	210,000 @ 105 lb (48) 189,000 @ 70 lb (32)	35 (7.9)	55 (12.5)	73 (16.6)	12 (2.7)	21x69 (533x1753)	24x48 (610x1219)	81 (2047)	24 (610)	49 (1245)	639 (290)
IXS 0821-2.0"	8 (0.23)	240,000 @ 120 lb (54) 216,000 @ 80 lb (36)	40 (9.1)	53 (12.0)	69 (15.7)	12 (2.7)	21x69 (533x1753)	24x48 (610x1219)	81 (2047)	24 (610)	49 (1245)	690 (313)
IXS 1024-2.0"	10 (0.28)	300,000 @ 150 lb (68) 270,000 @ 100 lb (45)	50 (11.4)	56 (12.7)	72 (16.4)	15 (3.4)	24x72 (610x1829)	30x48 (762x1219)	83 (2118)	30 (762)	58 (1473)	878 (398)
IXS 1124-2.0"	11 (0.31)	330,000 @ 165 lb (75) 297,000 @ 110 lb (50)	55 (12.5)	55 (12.5)	70 (15.9)	15 (3.4)	24x72 (610x1829)	30x48 (762x1219)	83 (2118)	30 (762)	58 (1473)	930 (422)
IXS 1530-2.0"	15 (0.42)	450,000 @ 225 lb (102) 405,000 @ 150 lb (68)	63 (14.3)	63 (14.3)	83 (18.9)	25 (5.7)	30x72 (762x1829)	36x48 (914x1219)	89 (2250)	36 (914)	70 (1778)	1300 (590)
IXS 1730-2.0"	17 (0.48)	510,000 @ 255 lb (116) 459,000 @ 170 lb (77)	62 (14.1)	62 (14.1)	82 (18.6)	25 (5.7)	30x72 (762x1829)	36x48 (914x1219)	89 (2250)	36 (914)	70 (1778)	1404 (637)
IXS 1936-2.0"	19 (0.54)	570,000 @ 285 lb (129) 513,000 @ 190 lb (86)	64 (14.5)	64 (14.5)	86 (19.5)	35 (7.9)	36x72 (914x1829)	36x48 (914x1219)	90 (2289)	37 (927)	76 (1930)	1722 (781)
IXS 2036-2.0"	20 (0.57)	600,000 @ 300 lb (136) 540,000 @ 200 lb (91)	63 (14.3)	63 (14.3)	85 (19.3)	35 (7.9)	36x72 (914x1829)	36x48 (914x1219)	90 (2289)	37 (927)	76 (1930)	1774 (804)
IXS 2136-2.0"	21 (0.59)	630,000 @ 315 lb (143) 567,000 @ 210 lb (95)	62 (14.1)	62 (14.1)	84 (19.1)	35 (7.9)	36x72 (914x1829)	42x48 (1067x1219)	90 (2289)	42 (1067)	82 (2083)	1842 (836)

### Notes:

Operating Pressure: 25 - 100 psi (172 - 689 kPa)

Operating Temperature: 34 - 100°F (1 - 36°C)

Electrical: 120V / 1Ph / 60Hz with a supplied 120V / 12V Approved Class 2 Transformer

Connections: Standard - Brass 2" MNPT Inlet/Outlet and 1.5" Drain MNPT;

Optional - CPVC 2" Inlet / Outlet & 1.5" Drain CPVC;

Brass 1.5" Inlet / Outlet & 1.5" Drain MNPT

(1) The above FLOW vs PRESSURE DROP performance assumes a water temperature of 60°F (15.6°C) and a valve equipped with hard water bypass. Data is based on testing done by GE Infrastructure Water & Process Technologies. Actual performance may vary due to operational conditions and system design.

(2) The continuous flow column refers to a flow of 5 usgpm/cf of resin or the flow at which a 15 psi pressure drop occurs across the system, whichever comes first.

All IXS Magnum systems come standard with the 2.0" connection control valve.

Magnum Cv 1.5" is also available upon request.

## IXS Series - Complete Model Designation

# IXS - 1024 - 2.0DM20

IXS Series Softener

Cubic Feet of Resin per Tank

Valve Type  
1.0 = Performa Cv  
1.5 = Magnum Cv 1.5"  
2.0 = Magnum IT 2"

Standard Mineral Tank Diameter  
eg) 24 = 24" Diameter

Number of Tanks  
S = Single  
D = Duplex  
T = Triplex

Turbine Meter  
M1 = Metered, 1" Turbine  
M2 = Metered, 2" Turbine  
MT = Metered, Internal Turbine  
CO = Calendar Clock (no turbine)

Operational Type  
O = Single Unit  
P = Parallel Operation  
A = Alternating Operation

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