

# I-on-x Exchange Cylinders AC Series

For Towns Water & Pure Water Applications ONLY



Standard Meter with Lamps  
ranges 0 – 19.99, 0 – 199.9  
and 0-1,999.0  $\mu\text{S}/\text{CM}$



JUMO High Quality Meter  
with Lamps Ranges from  
10,000  $\mu\text{S}$  to 18.2 M $\Omega$

To Complement the Cylinders use one of our in line Meters

# I-on-X Exchange Cylinder AC Series

Specifications	I-on-x AC 1	I-on-x AC 2	I-on-x AC 5	I-on-x AC 9	I-on-x AC 10
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Cylinders					
Cylinder Size	7" x 24"	8" x 35"	10" x 35"	12" x 36"	12" x 52"
Wet Weight (Kg)	19	26	38	65	119
Resin Volume (Ltrs)	14	24	34	62	95
Inlet/Out Size	1/2"				
Diameter MM	185	200	263	320	
Height MM	710	1,000		1,195	1,600

Construction Materials	
Vessels/Connection Cap	PE/Fiberglass/ABS
Inlet/Outlet/O Ring Connections	ABS/EPDM

Services	
Min Pressure (Bar)	0.48
Max Pressure (Bar)	6.00
Min Temperature (Deg C)	5.00
Min Temperature (Deg C)	35.00

MEDIA OPTIONS (Service Flow Rates in Ltrs/Hr)**						
	MIN / MAX	MIN / MAX	MIN / MAX	MIN / MAX	MIN / MAX	MIN / MAX
Softener Resin C100 E	AC*00	50/450	50/660	50/1,200	100/1,860	100/2,850
NEW Mixed Bed MB 400	AC*10	50/500	50/660	50/1,200	100/1,860	100/2,850
REGENERATED Mixed Bed	AC*20	50/450	50/600	50/1,100	100/1,700	100/2,550
Future Use	AC*30	N/A				
New Nuclear Grade NRW 3240	AC*40	50/600	50/900	50/1,800	100/2,800	100/4,250
Carbon 207 C	AC*50	50/450	50/660	50/1,200	100/1,860	100/2,850
Acid Washed Carbon 607 C	AC*60	50/600	50/900	50/1,800	100/2,800	100/4,250
Pre Treatment Birm	AC*70	50/350	50/450	50/800	100/1,250	100/1,900
Future Use	AC*80	N/A				
Future Use	AC*90	N/A				

Services Qualities						
	AC*00	AC*10	AC*20	AC*40	Future Use	
Conductivity	N/A	<0.1	<1.0	<0.045	N/A	
Mega Ohms	N/A	>10	>10	>18	N/A	
Hardness (CaCO3)	<4 ppm	<0.1	<1.0	<0.01	N/A	
Silica ppb	N/A	<100	<500	<0.10	N/A	

\* Add Cylinder Series Number

ADEPT Pure Water Ltd reserves the right to change any specifications without notice as required in pursuit of continuing development. System flowrates and qualities are based on a water temperature of 10 Deg C and a TDS of 1,000 Mg/Ltr also a Max SDI of 3.

\* Subject to site conditions.  
\*\* Optional Simplex or Duplex Softeners please ask our Sales Staff on the best option to suit your requirements.



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