



**WATER
GALLERY**
Home Water Solutions



Exclusive

Home Water Appliance

Store

**“WATER GALLERY IS THE ONE-STOP SOLUTION
FOR ALL YOUR HARD WATER PROBLEM”.**

Benefits of Soft Water

Soft Hair



Cleaner Clothes

Soft Skin



Longer Machine Life

Shiner Looking Bathroom Fittings



Lower Energy Bills

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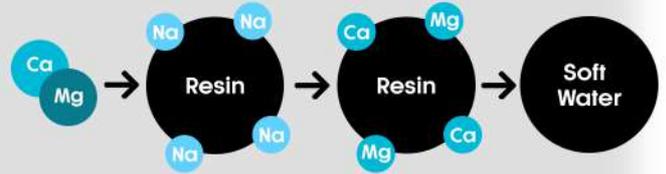
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Hardness

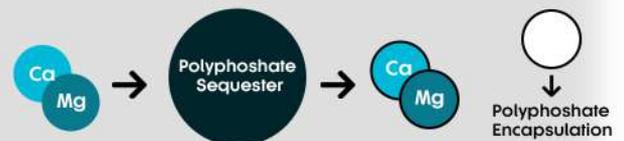
Ion-Exchange Technology

Fully Automatic Water Softeners work on ion-exchange technology. High quality, long lasting resin, removes hardness causing elements giving you soft water.



Sequestering Technology

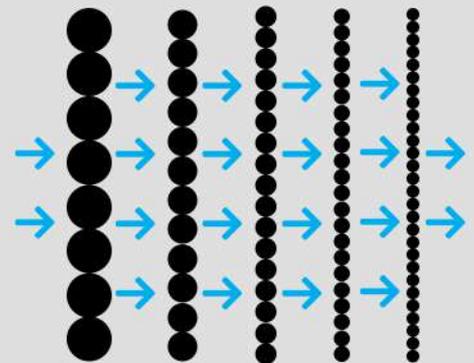
Food grade media dissolve in water and encapsulate hardness ions to make them inert. The silicates also coat pipes and fixtures to prevent internal scaling and corrosion.



Sediment

Filtering

Thicker grooved filtration medium leads to longer life and better performance. It removes all impurities bigger than 5 microns with minimal pressure drop and prevents faster choking.



Chlorine

Pre-Activated Carbon

Adsorbs like a sponge and attracts like a magnet. It uses catalysis to capture chlorine, and provide chlorine-free and odour-free water.



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How hardwater filter system works!

Product	Hardness Level
Sediment filter	< 150 hardness
Scale prevention	< 200 hardness
Polyphosphate	< 250 hardness
Softner	<800 hardness <1500 Tds
HD Softener	<1500 hardness <3000 Tds

OBR CALCULATION FORMULA FOR DOMESTIC SOFTENER

$$\text{Output Before Regeneration} = \frac{50 \times 1000 \times \text{RESIN VOLUME}}{\text{RAW WATER HARDNESS}}$$

Domestic Softner Model	Resin Volume (@Liter's)	If Water Hardness (@ ppm)	OBR (@Liter's)
1000 LPH	30	400	3750
2000 LPH	50	500	5000
4000 LPH	100	500	10000
6000 LPH	150	500	15000

Note: Depending on the hardness of the Raw water, the OBR will change....

Country	Italy
Inches	1½ & 2
Filtration Level	90 Micron
Cleaning Cycle	Every 15 Days
Filtration	Indoor
Recommended	Whole House



AZUD



Country	India
Inches	1 & 1½
Filtration Level	130 Micron
Cleaning Cycle	Every 15 Days
Filtration	Indoor/ Outdoor
Recommended	Whole House



Note:

KALYXX Will only separate calcium and magnesium present in water salt sedimentation & pipe clogging will not happen in the pipeline no electricity & no maintenance for this device prefilter is mandatory before this device

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PARAMETERS	IAWTS-28I	IAWTS-42I	IAWTS-57I	IAWTS-85I
Resin Tank L*B*H	260*260*1350	260*260*1350	260*260*1350	260*260*1350
Brine Tank D*H	450*910	450*910	450*910	450*910
Appox Weight in kg (Excl Salt)	55	70	85	120
Flow Rate (LPM@ 1.7 bar)	48	52	56	80
Salt Capacity (in kg)	100	100	100	100
Resin Volume (in ltr)	28	42	57	85
Max Water Temp (in °C)	40	40	40	40
Pressure Range (in bar)	1.7-8.6	1.7-8.6	1.7-8.6	1.7-8.6
Inlet/ Outlet Size (in inch)	3/4	3/4	3/4	1 1/4
Softening Capacity (in kg) (in grains)	1.56 (24000)	2.33 (36000)	3.11 (48000)	4.67 (72000)
Salt Dosage (in kg) (in lbs)	3.6 (8.0)	5.4 (12.0)	7.3 (16.0)	10.9 (24.0)



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MODEL	1000LPH	2000LPH	4000LPH	5000LPH
Valve Controller	Fully Automatic Programmable			
Vessel Detail	1054-FRP	1354-FRP	1665-FRP	1865-FRP
Where to Install	OHT Inlet/outlet	OHT Inlet/outlet	OHT Inlet/outlet	OHT Inlet/outlet
Inlet Max TDS	1500 PPM	1500 PPM	1500 PPM	1500 PPM
Inlet Max Hardness (as CaCO3)	800 PPM	800 PPM	800 PPM	800 PPM
Treated Water Hardness (as CaCO3)	<50 PPM			
Inlet Water Pressure	2-6 BAR	2-6 BAR	2-6 BAR	2-6 BAR
Inlet/Outlet Size	1" & 1"	1" & 1"	1" & 1"	1 1/4" & 1 1/4"
Drain Line Size	1/2"	1/2"	1/2"	1/2"
Treated Water Output @ 500 ppm	2500 Liter's	5000 Liter's	10000 Liter's	15000 Liter's
Salt Tank Capacity	100 KG's			
Recommended Salt	Forgings Tablet Salt			
Salt Per Regeneration In Kgs	4 KG's	8 KG's	16 KG's	24 KG's
Regeneration Pump	0.5HP Pressure Pump	1HP Pressure Pump		
Regeneration Mode	Flow & Time Based			
Electric Supply	220 V	220 V	220 V	220 V
Resin	Lanxess (Germany)			
Resin Volumes (Litre's)	25	50	100	150



MODEL	HDS 500	HDS 1000	HDS 1500	HDS 2000
Water Flow	500L/ Hr	1000L/ Hr	1500L/ Hr	2000L/ Hr
Valve Controller	Fully Automatic Programmable			
Vessel Detail	1354-FRP	1665-FRP	1865-FRP	2072-FRP
Where to Install	OHT outlet			
Inlet Max TDS	3000 PPM			
Inlet Max Hardness (as CaCO ₃)	1500 PPM			
Treated Water Hardness (as CaCO ₃)	<100 PPM			
Inlet Water Pressure	2-6 BAR			
Inlet/Outlet Size	1" & 1"	1" & 1"	1 1/4" & 1 1/4"	1 1/4" & 1 1/4"
Drain Line Size	1/2"	1/2"	1/2"	1/2"
Treated Water Output @ 1000 ppm	2500 Liter's	5000 Liter's	7500 Liter's	10000 Liter's
Salt Tank Capacity	100 KG's	100 KG's	200 KG's	200 KG's
Recommended Salt	Forgings Tablet Salt			
Salt Per Regeneration In Kgs	8 KG's	16 KG's	24 KG's	32 KG's
Regeneration Pump	1HP Pressure Pump			
Regeneration Mode	Flow & Time Based			
Electric Supply	220 V			
Resin	Purolite (Germany)			
Resin Volumes (Litre's)	50	100	150	200



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Model	100R BFT	100E BFT	150R BFT	150E BFT	200R BFT	200E BFT
Max. Flow Rate	3000 Lph	3000 Lph	3000 Lph	3500 Lph	3000 Lph	3500 Lph
OBSA (Basis on 200ppm)	75000 Ltr	75000 Ltr	156250 Ltr	156250 Ltr	131250 Ltr	131250 Ltr
OBR (Basis on 200ppm)	18750 Ltr	18750 Ltr	31250 Ltr	31250 Ltr	43750 Ltr	43750 Ltr
Resin Tank Volume	103 Ltr	103 Ltr	145 Ltr	145 Ltr	185 Ltr	185 Ltr
Resin Quantity	75 Ltr	75 Ltr	125 Ltr	125 Ltr	175 Ltr	175 Ltr
Salt Tank Volume	100 Ltr	100 Ltr	200 Ltr	200 Ltr	200 Ltr	200 Ltr
Salt Required/ Regeneration	12 Kg	12 Kg	19 Kg	19 Kg	27 Kg	27 Kg
Salt Qty.(OBSA)/ No's of Reg.	45 Kg/ 4	45 Kg/ 4	94 Kg/ 5	94 Kg/ 5	79 Kg/ 3	79 Kg/ 3
Working Pressure	0.15-0.6 Mpa	0.15-0.6 Mpa				
Inlet-Outlet size	1"	1"	1"	1"	1"	1"
Dimensions in mm	L830* W480 *H1760	L830* W480 *H1760	L940* W580 *H2030	L940* W580 *H2030	L1040* W580 *H2030	L1040* W580 *H2030



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Specifications	Reno Cygnus	Reno Stellaris	Reno Polaris
Resin Capacity	5L, 9L, 15L	30L, 50L	9L, 14L, 22L
Automatic Softner	Yes	Yes	Yes
Ideal for	1-3 washrooms/indoor	Whole house/ Outdoor	1-4 washrooms/indoor
Hardness upto	900 ppm	1400 ppm	1800 ppm
Salt Indicator	Yes	No	Yes
Warranty	2 years on valve & 2 years on Electronics	3 years on valve & 2 years on Electronics	5 years on valve & 2 years on Electronics



Pentair	Sand	Iron	Carbon
Installation	Outdoor	Outdoor	Outdoor
Filtration	Sand	Iron	Smell
Media	Zeo Sord	Katalox	Coconut Shell
Output	1000 - 10000 LPH	1000 - 10000 LPH	1000 LPH Onwards
Recommended	TSS > 20	>0.3 PPM	Any Smell





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Parameters	Auto Soft- 1	Auto Soft- 2	Auto Soft- 3	Auto Soft- 4
Water Flow	1000 l/hr	2000 l/hr	3000 l/hr	6000 l/1.5hr
Dimension (D*W*H)	330*470*110 (mm)	330*470*110 (mm)	Area Occupied 4*5 ft	Area Occupied 4*5 ft
Inlet Water Pressure	1.5 to 3.5 kg/cm2	1.5 to 3.5 kg/cm2	1.5 to 3.5 kg/cm2	1.5 to 3.5 kg/cm2
Inlet Max Hardness (As Caco3)	800 ppm (parts per million)	800 ppm (parts per million)	800 ppm (parts per million)	800 ppm (parts per million)
Treated Water Hardness (As Caco3)	<50 ppm	<50 ppm	<50 ppm	<50 ppm
Inlet/ Outlet Connection Size	1 Inch	1 Inch	1 Inch	1 Inch
Drain Line	0.5 Inch	0.5 Inch	0.5 Inch	0.5 Inch
Electric Supply	230 V AC/ 6 amp -1 point Electric	230 V AC/ 6 amp -1 point Electric	230 V AC/ 6 amp = 2 point Electric	230 V AC/ 6 amp = 2 point Electric
Treated Water Output at 500 ppm	800 Litres	1700 Litres	4500 Litres	9000 Litres
Salt Capacity	20 Kg	40 Kg	200 Kg	200 Kg
Purple Resin Quantity	12.5 Litres	25 Litres	45 Litres	90 Litres
Installation Footprint	Table Top	Table Top	Area Occupied 4*5 ft	Area Occupied 4*5 ft
Softner Vessels	Included	Included	Composite Filament Wound Resin Vessel and HDPE Brine Tank	Composite Filament Wound Resin Vessel and HDPE Brine Tank
Process Valve	Fully Automatic Programmable	Fully Automatic Programmable	Fully Automatic Programmable	Fully Automatic Programmable
Regeneration Pump	Not Applicable	Not Applicable	Self Printing Pump (with inbuilt NRV)	Self Printing Pump (with inbuilt NRV)
Salt Per Recharge in Kgs	2	4	7	14

Why Water gallery ?



YOUR ONE - STOP SOLUTION FOR CLEAN, SAFE WATER.

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