

Ecomix®

ADVANCED SOFTENING MATERIAL FOR PROBLEM WATER

Reduces:

- HARDNESS
- IRON
- MANGANESE
- NATURAL ORGANIC MATTER
- AMMONIUM

Since 1998

SIMPLE SOLUTION FOR 5 PROBLEMS

ECOMIX® is a multicomponent filter media, specifically designed to treat well and tap water containing hardness, iron, manganese, ammonium and organics.

ECOMIX® is a scientifically grounded technology, confirmed by the patent and in service worldwide since 1998.

01

Hardness

ECOMIX® softens water with hardness up to 750 ppm $CaCO_3$*.

ECOMIX® C | ECOMIX® A | ECOMIX® P

02

Iron

ECOMIX® reduces common types of iron: ferrous, organic, and colloidal. Influent iron concentration must not exceed 15 mg/L.

ECOMIX® C | ECOMIX® A | ECOMIX® P

03

Manganese

ECOMIX® is one of the most reliable means for manganese removal. Influent manganese concentration must not exceed 3 mg/L.

ECOMIX® C | ECOMIX® A | ECOMIX® P

04

Natural organic matter

ECOMIX® is a proven technology for reducing water containing natural organics. Maximum permissible influent value Oxidisability – 20 mg O_2/L.

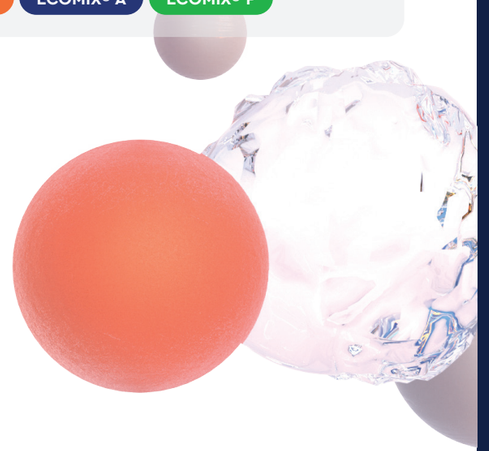
ECOMIX® C | ECOMIX® A

05

Ammonium

Maximum allowed ammonium concentration is 4 mg/L.

ECOMIX® C | ECOMIX® A | ECOMIX® P



* Limitation related to the increased sodium content in treated water.

STANDARDS OF QUALITY

ECOMIX® A and ECOMIX® C are ACS certified. This certification ensures that products used in drinking water supply systems do not compromise water quality or introduce harmful chemicals, toxins, or other contaminants.
Although ACS does not have direct legal effect outside France, it is recognized as a mark of high quality and compliance with hygienic standards.

ECOMIX® A and ECOMIX® C is certified according to the requirements of the NSF standards.

The **Gold Seal** certificate confirms the compliance of certified products with the most stringent requirements of the standards NSF/ANSI 44, NSF/ANSI/CAN 61, NSF/ANSI 372. Namely:

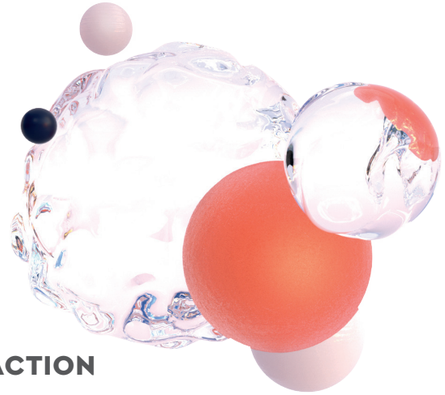
NSF/ANSI 44:2021 Residential Cation Exchange Water Softeners;

NSF/ANSI 61:2022 Drinking Water System Components — Health Effects;

NSF/ANSI/CAN 372:2020 Drinking Water System Components — Lead Content.

REDUCTION OF IRON AND MANGANESE

FerroSorb is a proprietary sorption material for iron and manganese removal





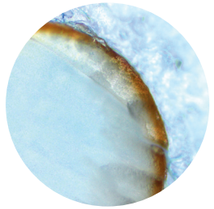
FERROSORB MECHANISM OF ACTION

Iron And Manganese Reduction

Mechanism of iron and manganese reduction: Adsorption > Oxidation > Active Layer Formation > Autocatalytic Oxidation. Due to this process, FerroSorb removes most common species of iron in raw water: ferrous, ferric, organic, and colloidal. Active layer of Ferrosorb contains active sites for manganese removal.

Alternative To Aeration And Chlorination

Best efficiency of ECOMIX® is achieved when raw water is fed directly to Ecomix® softener. Do not use oxidative pre-treatment before the Ecomix® system.



ECOMIX® REGENERATION

Regenerated As A Softener

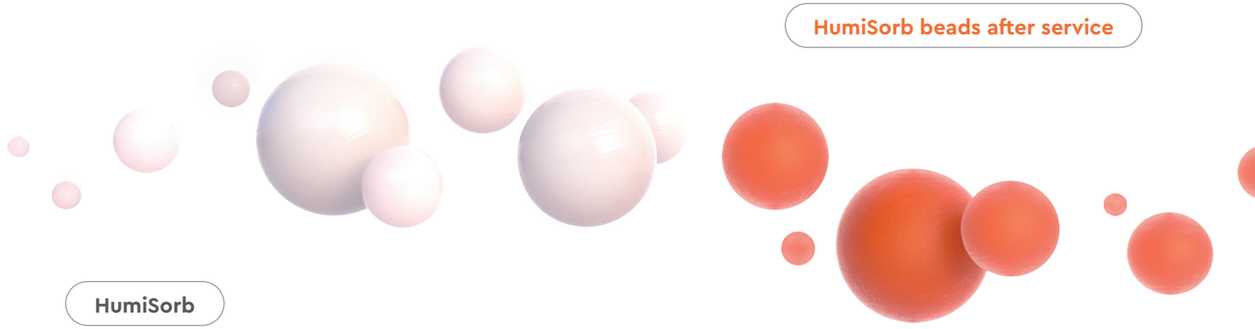
ECOMIX® is regenerated with the same steps as normal softeners: backwash, brine, rinse, fill. Calcium and magnesium ions are displaced from the cation exchange resin matrix with sodium ions.

Regeneration of FerroSorb

Iron and manganese are removed during backwash stage by surface scour mechanism in fluidized bed.

REDUCTION OF NATURAL ORGANIC MATTER

HumiSorb is a proprietary sorption material for reduction of natural organic matter (reduces color and chemical oxygen demand)



Organic compounds and organic iron are reduced due to hydrophobic and electrostatic interactions with HumiSorb.

Check the level of chemical oxygen demand before using ECOMIX® when natural organic matter reduction is desired.

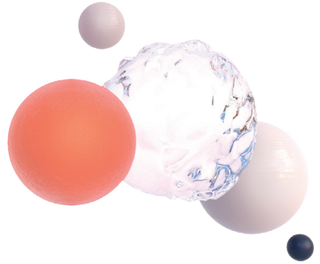
ECOMIX® is intended for the treatment of well water and municipal water.

ECOMIX® is not intended for surface water treatment (lakes, ponds, rivers, swamps etc).

Water from a shallow well located close to the surface water should be checked for organic matter concentration and microbiological safety.

Microbiologically unsafe water cannot be treated by ECOMIX®.

EFFICIENCY AND LIMITATIONS





Footprint

0.4 m²

Saves up to **65%** of space

Salt consumption

5 kg

30% less salt consumption

Water consumption

0.5 m³

Consumes **65%** less water

Cost

$1800

50% lower cost

ECOMIX® P	Requires stable quality of water
ECOMIX® A	Handles seasonal variations in water composition
ECOMIX® C	Handles seasonal variations in water composition even with significant changes in raw water quality

Raw water quality requirements and efficiency of purification	**ECOMIX® P**	**ECOMIX® A**	**ECOMIX® C**
Hardness, ppm $CaCO_3$	**750**	**750**	**750**
Iron, mg/L	**15**	**15**	**15**
Manganese, mg/L	**3**	**3**	**3**
Oxidisability, mg O_2/L	**3**	**20 (Reduces by 50%)**	**20 (Reduces by 80%)**
Ammonium, mg/L	**4**	**4**	**4**
Service life, years	**3**	**5**	**5**

TECHNICAL SPECIFICATIONS

When designing ECOMIX® units, refer to the following figures:

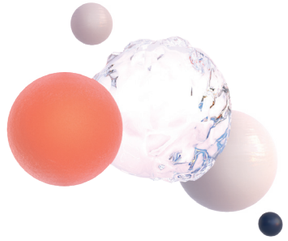
Parameter	
Service flow rate, m/h	**20–25** ⚠
Backwash flow rate, m/h	**10–15**
Brine (slow rinse) flow rate, m/h	**3–5**
Minimum bed depth, mm	**500** ⚠
Recommended bed depth, mm	**800**
Freeboard, %	**40 or more**
Salt consumption, g/L*	**100**
Brine concentration, %	**8–10**
Water consumption per regeneration, L/L	**under 10**

*If using potassium chloride, increase salt dosage to 150 g/L.

⚠ — if the backwash rate is not followed, the iron removal efficiency will be reduced

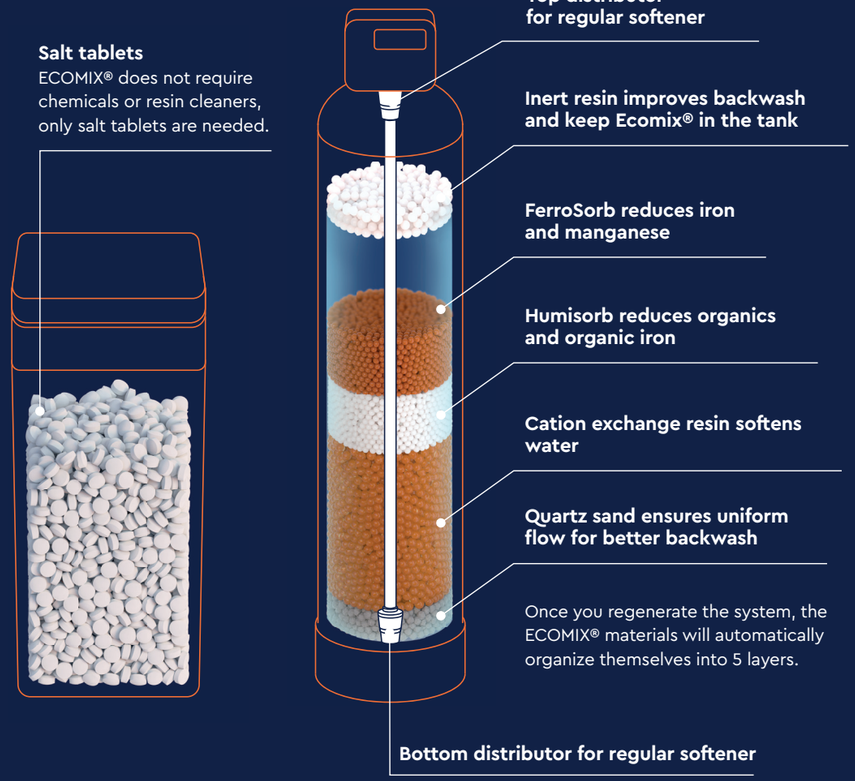
⚠ — if the volume of ECOMIX® in the vessel is more than 60%, backwash may not be sufficiently effective

The use of resin cleaner or other harsh regeneration aids will reduce the efficiency of ECOMIX®



ECOMIX® STRUCTURE AND FUNCTION

Salt tablets
ECOMIX® does not require chemicals or resin cleaners, only salt tablets are needed.



Top distributor for regular softener

Inert resin improves backwash and keep Ecomix® in the tank

FerroSorb reduces iron and manganese

Humisorb reduces organics and organic iron

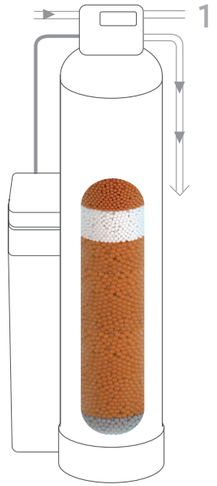
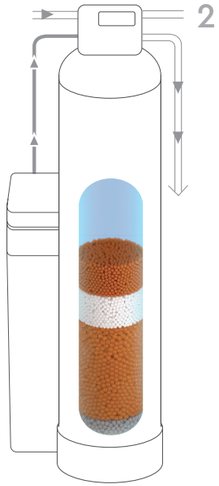
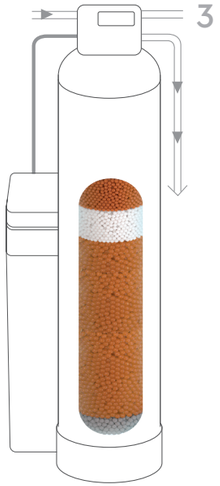
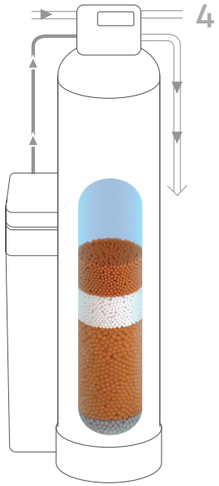
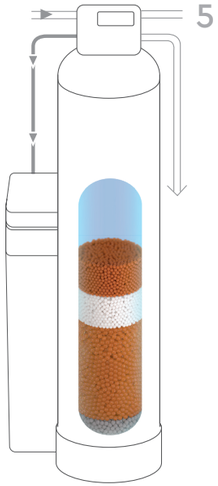
Cation exchange resin softens water

Quartz sand ensures uniform flow for better backwash

Once you regenerate the system, the ECOMIX® materials will automatically organize themselves into 5 layers.

Bottom distributor for regular softener

ECOMIX® REGENERATION

Backwash 1	Brine draw	Backwash 2	Fast rinse	Brine tank filling
				
15 min	60 min DOWN FLOW	1 min	5 min	8 ... 10 min
apply the correct flow restrictor see page 6	apply the correct injector see page 6	apply the correct flow restrictor see page 6	apply the correct flow restrictor see page 6	depends on the amount of salt for regeneration

TECHNICAL SPECIFICATIONS



ECOMIX® is available in two packaging sizes:

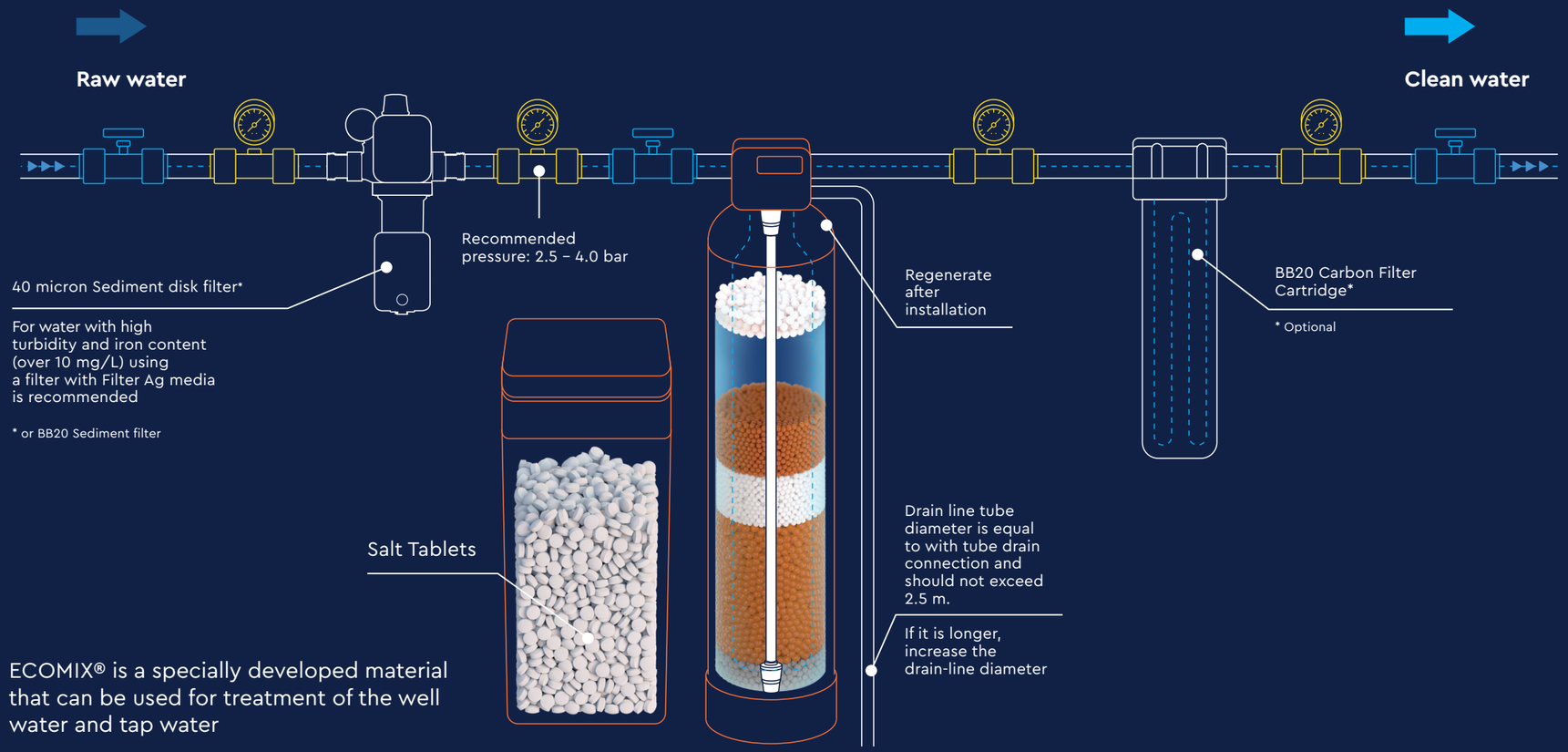
Bag — 25 L
Half bag — 12 L

Tank Size	844	1054	1252	1354	1465	1665	1865	2162	2472	3072
Filtration area (S), m^2	0.032	0.05	0.073	0.086	0.099	0.13	0.164	0.223	0.292	0.456
Service Flow Rate (Q_s), m^3/h	0.65	1.0	1.5	1.7	2.0	2.6	3.3	4.5	5.8	9.1
Maximum Flow Rate (Q_{max}), m^3/h	0.81	1.3	1.8	2.1	2.5	3.2	4.1	5.6	7.3	11.4
ECOMIX® volume, L	25	37	50	62	75	100	125	150	300	450
System Capacity ECOMIX® C, g $CaCO_3$	760	1 120	1 510	1 880	2 270	3 025	3 780	4 540	9 080	13 620
System Capacity ECOMIX® A, g $CaCO_3$	890	1 320	1 780	2 200	2 670	3 560	4 450	5 340	10 680	16 020
System Capacity ECOMIX® P, g $CaCO_3$	980	1 450	1 960	2 430	2 940	3 920	4 900	5 875	11 750	17 620
Salt per Regeneration, kg	2.5	3.7	5	6.2	7.5	10	12.5	15	30	45
Backwash flow rate, m^3/h	0.4	0.6	0.9	1.1	1.2	1.6	2.2	2.7	3.5	5.5
Drain line flow restrictor* (DLFC)	22	32	42	53	65	75	1" 100	1" 130	1" 170	1" 250
Injector*	C purple	E white	F blue	G yellow	H green	I orange	J light blue	K light green	H orange	H orange
Valve type	1"						1.25"		1.5"	

* Injectors and DLFCs are shown for Clack Corporation control valves.

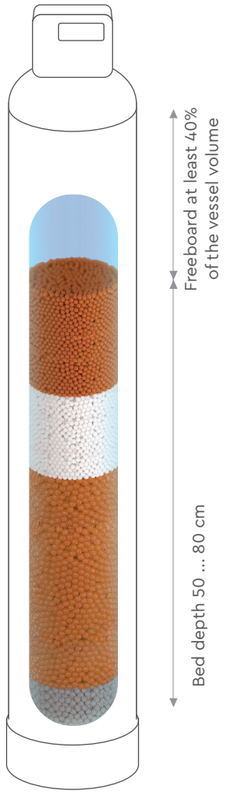
Calculator
ECOMIX®

ECOMIX® FILTER INSTALLATION SCHEME



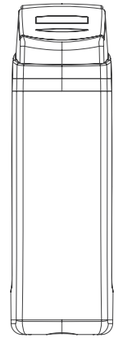
ECOMIX® is a specially developed material that can be used for treatment of the well water and tap water

ECOMIX® AND BED DEPTH



It is not recommended to use ECOMIX® in filters with a vessel height less than 35″

ECOMIX®
HAS INCREASED EFFICIENCY

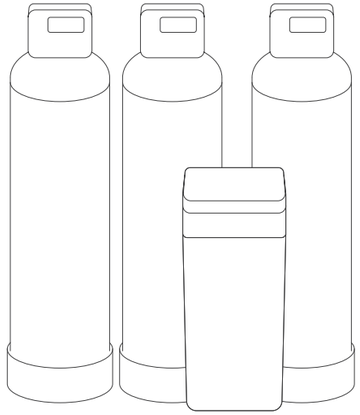


Compact system:
Solution with ECOMIX®

0.4 m²
FOOTPRINT

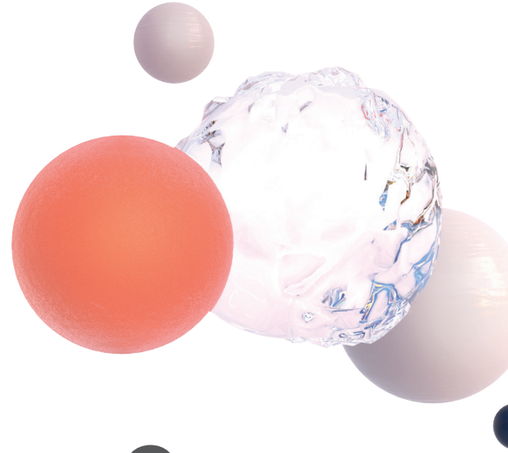
Classic system
to remove hardness, iron, manganese, natural organic matter, ammonium

1.7 m²
FOOTPRINT



ECOMIX®
IMPROVES SYSTEM EFFICIENCY

WITH LESS AREA AND LESS WATER DISCHARGE



76%
SMALLER AREA

2 times
LESS COST

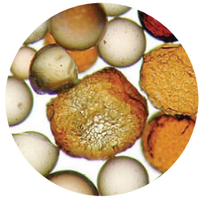
2 times
LESS VALVE MAINTENANCE

30%
LESS SALT CONSUMPTION

2 times
LOWER OPERATING WATER COSTS

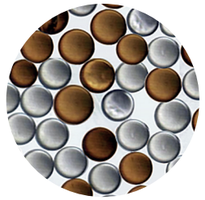
2 times
LOWER MAINTENANCE COSTS

ECOMIX® VS OTHER COMPLEX MATERIALS



ECOMIX®

The universal solution for most water without special precautions. Simple calculation of the capacity and resource of the filter, which are influenced only by the hardness of water.



Resin mix

Materials based on a mixture of commercially available resins are generally the most affordable. Remove iron, but quickly lose efficiency. Typically, after 20–30 regenerations (about 6 months of operation), such materials lose up to 30% of their capacity.



Zeolites

Zeolite — natural occurring media — used for removal of hardness, iron, manganese, for ammonia reduction and pH correction. They can be poisoned by hydrogen sulphide and organic matter, and also require careful consideration in calculating the size of the filter and filter cycle.

	ECOMIX®	Resin mix	Zeolites
Removed impurities	hardness, iron, manganese, ammonium, organic matter	hardness, iron, manganese	hardness, iron, manganese, ammonium
Capacity	30–40 g $CaCO_3$/L	40–50 g $CaCO_3$/L by hardness and iron salts	25 g $CaCO_3$/L
Service life	ECOMIX® C, A — 5 years ECOMIX® P — 3 years	2–3 years	
Salt dose	100 g/L	140–160 g/L	130 g/L
Water consumption per regeneration per 1 liter of material	8–10 L	10–13 L	14–16 L
Restrictions:			
Hardness	No		Hardness must be > 50 ppm $CaCO_3$ and TDS > 80 mg/L
Iron	15 mg/L ECOMIX® A, C reduces ferrous and organic iron	10 mg/L (After each regeneration, the filter capacity decreases by 0.7–1.4%). If the iron content is high, the filtration rate must be reduced	10 mg/L. Inorganic iron only
Manganese	3 mg/L	2 mg/L Manganese may appear in treated water	Fe + Mn < 15 mg/L
Ammonium	4 mg/L	No data	Requires reducing the flow rate 2.5 times
Organic matter	ECOMIX® C вreduces by 80%; ECOMIX® A вreduces by 50%; ECOMIX® P does not remove	No, they can irreversibly poison resin	No, organic impurities will irreversibly reduce capacity
Regeneration aid chemicals	Not needed, only pelletized salt	Periodic regeneration with special reagents is required	In case of hydrogen sulfide poisoning, regeneration with soda is needed

CALCULATION OF ECOMIX® VOLUME CAPACITY

The volume capacity is calculated in a simple way using only influent water hardness and the media's ion exchange capacity as follows:

ECOMIX® C — 30 g $CaCO_3$/L
ECOMIX® A — 35 g $CaCO_3$/L
ECOMIX® P — 40 g $CaCO_3$/L

$$\text{Volume Capacity, м}^3 = \frac{\text{Ecomix® volume (L) x Ion-exchange capacity (g } CaCO_3\text{/L)}}{\text{Influent Hardness (ppm } CaCO_3\text{)}}$$

The volume capacity doesn't have to be corrected for the influent iron and manganese levels

Example is given for FK1252 ECOMIX® A:

ECOMIX® A — 35 g $CaCO_3$/L

25L + 25L

Water test:
Iron — 8 mg/L;
Manganese — 0.28 mg/L;
Hardness — 400 ppm $CaCO_3$

$$\text{Volume Capacity} = \frac{50\text{ L} \times 35\text{ g } CaCO_3\text{/L}}{400\text{ ppm } CaCO_3} = 4.3\text{ m}^3$$



ECOMIX® REALLY WORKS SO WELL!

For more information visit our website

ECOMIX® Type C

West Palm Beach, Fl, USA

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	1030	27
Iron	mg/L	≤0.2	**1.9**	0.07
Manganese	mg/L	≤0.05	0.04	<0.03
Oxidisability	mg O_2/L	-	6.5	0.27
TDS	mg/L	-	625	660

Dormagen, Germany

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	765	34
Iron	mg/L	≤0.3	**0.4**	0.178
Manganese	mg/L	≤0.05	**4.89**	0.043
TDS	mg/L	≤500	0.4	0.02
pH		6.5–8.5	7.4	7.6

Deerfield, Wisconsin, USA

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	980	30
Iron	mg/L	≤0.2	**1.8**	0.1
Manganese	mg/L	≤0.05	**1.7**	0.01
TDS	mg/L	-	615	648
pH		6.5–8.5	7.1	7.2

Serbia, Nish

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	961	25
Iron	mg/L	≤0.2	**2.2**	0.16
Manganese	mg/L	≤0.05	**0.06**	0.03
Oxidisability	mg O_2/L	-	6.1	1.2
TDS	mg/L	-	709	783
pH		6.5–8.5	7.7	7.7

Grammene, Belgium

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	907	46
Iron	mg/L	≤0.2	**2.9**	0.178
Manganese	mg/L	≤0.05	**0.25**	0.043
Ammonium	mg/L	≤0.5	**2.8**	0.4

Srebrno jezero, Velico Gradište, Serbia

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	1210	16
Iron	mg/L	≤0.2	**9.3**	0.18
Manganese	mg/L	≤0.05	**0.15**	<0.01
Oxidisability	mg O_2/L	-	12.7	3.9
Ammonium	mg/L	≤0.5	0.45	0.05
TDS	mg/L	-	742	870
pH		6.5–8.5	6.9	6.9

*According to Directive (EU) 2020/2184 of the European Parliament and of the Council on the quality of water intended for human consumption.

ECOMIX® Type A

Grammene, Belgium

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	516	25
Iron	mg/L	≤0.2	**2.9**	0.178
Manganese	mg/L	≤0.05	**0.25**	0.043
Ammonium	mg/L	≤0.5	**2.8**	0.4
Oxidisability	mg O_2/L	-	1.6	1.32

Pancevo, Serbia

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	534	14
Iron	mg/L	≤0.2	**2.2**	0.16
Manganese	mg/L	≤0.05	**0.05**	0.03
Ammonium	mg/L	≤0.5	**1.3**	0.05
TDS	mg/L	-	709	783
pH		6.5–8.5	7.7	7.7

Vattenprov, Sweden

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	463	28
Iron	mg/L	≤0.2	**1.6**	0.15
Manganese	mg/L	≤0.05	**0.65**	0.014
Ammonium	mg/L	≤0.5	**0.84**	0.3
pH		6.5–8.5	7.3	7.35

ECOMIX® Type P

Kyiv, Ukraine

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	908	18
Iron	mg/L	≤0.2	**2.59**	<0.01
Manganese	mg/L	≤0.05	**0.34**	<0.01
Oxidisability	mg O_2/L	-	2.3	2.2
Ammonium	mg/L	≤0.5	0.4	0.05
TDS	mg/L	-	705	739
pH		6.5–8.5	6.9	6.5

Lviv, Ukraine

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	1050	52
Iron	mg/L	≤0.2	**0.32**	<0.01
Turbidity	NTU	≤ 1	0.5	<0.1
Ammonium	mg/L	≤0.5	0.4	0.05
TDS	mg/L	-	763	954

Odesa, Ukraine

Parameter	Units	Recommended limit*	Raw water	Treated water
Hardness	ppm $CaCO_3$	-	267	4
Iron	mg/L	≤0.2	**9.5**	0.1
Manganese	mg/L	≤0.05	**0.06**	0.03
Ammonium	mg/L	≤0.5	**1.0**	0.4
TDS	mg/L	-	375	475
pH		6.5–8.5	6.6	6.6

ECOMIX® Q&A

Should I use resin cleaners or salt with resin cleaners when I regenerate ECOMIX® system?
No, resin cleaners should not be used with ECOMIX®. There are several reported cases when ECOMIX® efficiency was severely impaired after usage of resin cleaners. Regular softener salt and proper regeneration sequencing will keep ECOMIX® clean.

How does TDS change after treatment with ECOMIX®?
The TDS after the ECOMIX® system will increase by an average of 10% of the original content. This is due to the replacement of hardness cations with harmless sodium cations during ion exchange.

My tank holds a bag and a half of media. Can I use half a bag of ECOMIX® and save the other half for another installation?
Each bag contains 5 separate components in specific amounts. ECOMIX® components are thoroughly mixed during production and there should be no problem using half a bag. If you intend to use just half it is important to shake the bag before loading the vessel. To avoid the trouble, you can order ECOMIX® in full and half bags. Specify packaging when ordering from your supplier.

Why is the softening capacity of ECOMIX® so low compared to cation softening resin?
The softening capacity is not lower. The capacity of the cation resin component of ECOMIX® is rated lower because a bag of ECOMIX® contains more than just cation resin. Cation softening resin is only one of the five components in ECOMIX®.

Is it possible to use ECOMIX® when iron content in water is higher than the limit of 15 mg/l?
There are ECOMIX® units in operation which successfully remove iron in even greater concentrations. However, before doing so you should contact your water treatment specialist with a complete water analysis.

Can I use ECOMIX® if there is aeration or oxidant dosing ahead of the unit?
We do not recommend installation of oxidation and/or aeration before the ECOMIX® system. If you have to use aeration or oxidant dosing for any reason we highly recommend pretreatment with a multimedia sediment filter and an activated carbon filter to remove residual active chlorine.

Is ECOMIX® sensitive to H_2S?
ECOMIX® is not sensitive to hydrogen sulfide content in well water and its efficiency will not be affected.

Will ECOMIX® reduce H_2S?
Sometimes ECOMIX® may slightly reduce the rotten odor of H_2S but it is not recommended as a solution.

Can I use ECOMIX® if it was accidentally frozen during storage?
Freezing of ECOMIX® should be avoided as it may cause damage to its components. To avoid freezing, ECOMIX® should be stored in a dry room protected from sunlight at temperatures of 2–27 °C. If it does freeze, ECOMIX® should be thawed out slowly at room temperature before loading and use. Do not treat frozen ECOMIX® with heat or steam.

Why is a top basket distributor necessary?
This distributor is necessary in order to prevent ECOMIX® from being lost during the backwashing sequence of regeneration.

What happens if I operate the ECOMIX® system without that first regeneration?
The system will not remove the contaminants properly. There are 5 components in one bag of ECOMIX®. For proper filter operation these components need to be «layered». When ECOMIX® is being regenerated, the mixture self-classifies into layers making it becoming ready for usage.

Is it true that ECOMIX® will remove all types of iron, including ferric?
ECOMIX® will not remove ferric or oxidized iron efficiently. In applications where ferric iron is present we recommend to install a sediment filter before the ECOMIX® system to trap ferric iron particulates.

Can I use ECOMIX® in cases of high iron, manganese content and with low hardness level?
ECOMIX® will operate successfully under these conditions. However, raw water hardness must be used to program the control valve and you must set the «Day Override» to 3 or 4 days. Be sure to contact your water treatment specialist if you have any questions.

My application is a well that is placed close to the surface water (lake, rivers, canals, ponds).
Shallow wells that are close to surface water may contain a mixture of well and surface water and may have higher than normal TOC and color. It could be microbiologically contaminated. In these situations, ECOMIX® is applicable but additional treatment may be required. We recommend paying attention to the color of the water and doing a tannin test. You must strictly follow the test instructions. For example, commonly used LaMotte test kits require a 30-minute wait before the results are indicated. Once complete, please send the water analysis and the tannin test results with a picture of the water in a white bucket to your water treatment specialist.

Can I use ECOMIX® to just remove organic matter?
ECOMIX® should not be used if organic matter reduction is the only purpose of treatment. But ECOMIX® can be used to reduce organic matter (color) and to soften water from well or municipal supply. The unit's capacity should still be rated based on raw water hardness.

Is ECOMIX® sensitive to active chlorine, pH level or TDS?
ECOMIX® shows stable operation with active chlorine levels below 1 mg/l and pH in the range of 5 to 9. ECOMIX® is not affected by the anion composition of the water and is stable with feed water TDS below 4000 mg/l.

I have customers who use surface water (lake, rivers, canals, ponds) rather than well water. Can I use ECOMIX® for this application?
ECOMIX® is intended for well, but not the surface water treatment. Surface water may be microbiologically contaminated, have high levels of TOC (total organic carbons), tannins and color that often exceed ECOMIX® limitations. Surface water can be treated with ECOMIX® only after chlorination and sediment filtration followed by activated carbon filter.

Can ECOMIX® be used for treating mains water with high hardness and low iron, manganese content?
Yes, absolutely. ECOMIX® is the most suitable choice for this type of water.

Is ECOMIX® compatible with both downflow and upflow regeneration modes?
Yes, both downflow and upflow regeneration modes can be used for ECOMIX® with no preference.

Can the tank be completely filled with ECOMIX®?
No, the tank must maintain at least 40% free bed above ECOMIX® to ensure effective regeneration.

What determines the minimum required tank height?
The minimum tank size of 8×44 inches is based on the required minimum media bed height of 500 mm and at least 40% free bed for proper regeneration.

Is it necessary to install a sediment filter before the ECOMIX®?
It is highly recommended. Fine particulate matter can reduce ECOMIX® efficiency by clogging the surface of the media.

What does waste water contain after ECOMIX® regeneration?
Post-regeneration waste water may contain chloride, sodium, calcium ions, and other contaminants removed by ECOMIX®.

Does low backwash flow rate affect the ECOMIX® cleaning efficiency?
Yes, the backwash flow rate must be matched to the tank size to ensure proper fluidization and effective media cleaning.

For more information visit our website

ECOMIX®

up to 10 years

OF SERVICE LIFE

- SECOMIX® C and ECOMIX® A — 5-in-1 Solution in a single process: Hardness, Iron, Manganese, Natural Organics and Ammonium
- ECOMIX® P — 4-in-1 Solution in a single process: Hardness, Iron, Manganese and Ammonium
- Consistently high efficiency regardless of water pH (5–9), hydrogen sulfide (H_2S) content, TDS (< 4000 mg/l) or anionic composition Simple regeneration with tableted salt — no need for additional chemicals
- No pretreatment with oxidizing agents is required for iron and manganese reduction
- No release of iron and manganese, even if the service run exceeds the softener's capacity
- ECOMIX® is certified by ACS, PZH, and NSF standards.

ECOMIX® is not only a unique water treatment technology, ECOMIX® has been a firm platform for the business success of numerous companies around the globe

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