

Fe

Mn

Hardness

Ammonia

Organics

5 PROBLEMS

ONE SOLUTION

ECOMIX®

NEW FILTRATION MEDIA
for problem water

 **ecosoft**
water professionals

 made
in
Germany



www.ecosoft.ws





ADVANCED MULTI-PURPOSE SOFTENING MATERIAL FOR PROBLEM WATER

- Removes ferrous, ferric, organic and colloidal iron and manganese
- Works in normal softeners
- Removes NOM (natural organic matter)
- Low salt consumption
- Works at low TDS, low hardness, high H₂S
- The highest Fe and Mn limits

Description of ECOMIX® media

ECOMIX® is a homogeneous mixture of five specially prepared components of natural and synthetic origin.

During start-up of the filter, the media separates into five filtration layers, providing effective removal of all specific contaminants from water.

Only water hardness is used to calculate filter capacity. Salt for softeners is used for ECOMIX® media regeneration.

ECOMIX® works properly if the quality of raw water is within the limits (see the table below).

Material is available in two types:

- Type A - "4 in 1" for normal problem water
- Type C - "5 in 1" for high COD problem water
- Capacity: 15 200 grains/cu ft (0,035 kg CaCO₃/l)
- Capacity: 13 100 grains/cu ft (0,035 kg CaCO₃/l)

Typical Ecomix (type A) systems

	Ecomix 1035	Ecomix 1054	Ecomix 1252	Ecomix 1354	Ecomix 1465	Ecomix 1665
Ecomix bags	1	1,5	2	2,5	3	4
Capacity: grains/lbs NaCl	13 500 @ 5,5	20 200 @ 8,3	27 000 @ 11,0	33 700 @ 13,8	40 500 @ 16,5	53 900 @ 22,0
Capacity: kg CaCO ₃ /kg NaCl	0,88 @ 2,5	1,30 @ 3,75	1,75 @ 5	2,20 @ 6,25	2,65 @ 7,50	3,5 @ 10,0
Flow rate, gpm	5,7	5,7	7,9	9,7	11,0	14,5
Flow rate, m ³ /h	1,3	1,3	1,8	2,2	2,5	3,3

Concentration limits and removal efficiency

Concentration limits		Hardness		Iron	Manganese	COD	Ammonia
		gpg	ppm CaCO ₃	ppm	ppm	ppm O ₂	ppm
		45	750	15	3	20	4
Removal efficiency, max %	Type A	97		98	98	50	90
	Type C					80	