

Envi GreenSOFT Duplex softener MC-N 2 CT



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Duplex softener MC-N 2 CT

Continuous water flow: a softener with only one GRP cartridge can interrupt the water flow during the regeneration process, as the system is out of operation during this time. With a duplex softener, on the other hand, the water flow can be maintained continuously as one of the tanks is always in operation while the other is regenerating.

- Consisting of two GRP cartridges, one control head, brine tank, brine valve and water meter
- Convenient refilling, cleaning and maintenance thanks to free-standing brine tank
- Menu-guided programming with four selectable languages (DE, FR, EN, ES)
- Time- or volume-controlled regeneration
- Diagnostic mode and history memory with battery-backed storage of settings and values in case of power failure
- Residual hardness of approx. 0.1 °dH



Duplex softener MC-N	60-2 CT	100-2 CT	200-2 CT	300-2 CT	400-2 CT
Maximum flow rate (m ³ /h)	1,0	1,5	2,0	3,5	3,5
Nominal flow rate at <0,1 °dH (m ³ /h)	0,6	1,0	2,0	3,0	3,5
Max. capacity (m ³ x °dH)	60	100	200	300	400
Salt consumption (kg/reg.)	3,6	6,0	12	18	24
Salt supply approx. (kg)	100	80	180	140	260
Operating pressure (bar)	2,5 - 6	2,5 - 6	2,5 - 6	2,5 - 6	2,5 - 6
Inlet (AG)	¾"	¾"	1"	1"	1"
Outlet (AG)	¾"	¾"	1"	1"	1"
Waste water (AG)	¾"	¾"	¾"	¾"	¾"
Electrical connection (V/Hz)	230/50	230/50	230/50	230/50	230/50
Power consumption (W)	20	20	20	20	20
Dimensions (width x depth x height in mm)	1200 x 500 x 1200	1200 x 500 x 1200	1400 x 600 x 1600	1500 x 600 x 1700	1800 x 750 x 2000
Brine tank dimensions (diameter x height in mm)	467 x 630	467 x 630	530 x 1000	530 x 1000	710 x 1060
Article no.	197282	197283	197284	197285	197286

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Accessories & options

Safety & protective devices



Germ protection/chlorine electrolysis

For disinfecting the softener resin during regeneration for installation in the control head

Article no. 903200 (MC-N CK + C + 2CT Series)



Germ protection/chlorine electrolysis

For disinfecting the softener resin during the control unit with T-piece and accessories

Article no. 903201 (MC-N 2C to 400)

Article no. 903202 (MC-N 2C from 500 to 1000)

Article no. 903203 (MC-N 2C 1400)



Salt deficiency alarm LED

Capacitive sensor for measuring the fill level of the brine tank

Article no. 903012

Article no. 903025 (with potential-free contact)



Salt deficiency alarm LED

Position sensor for measuring the fill level of the brine tank

Article no. 903032

Article no. 903033 (with potential-free contact)



Signal contact

For MC-N C or CT, potential-free regeneration or fault signal

Article no. 903117



Safety assembly

For protection against pressure surges and overpressure consisting of safety valve and water hammer damper

Article no. 910461

Consumables



Salt tablets

For refilling the water softener in accordance with DIN EN 973. Packaged in a 25 kg PE bag

Article no. 445000



Hardness testing kit

For determining the hardness of municipal water, consisting of a titration solution with colour change, including measuring container

Article no. 475014

Extensions & connections



Mixing valve 4 x 1"

For mixing service water with softened water with bypass and sampling. Maximum total flow rate up to 4.5 m³/h

Article no. 522004



Bypass mixing valve

Installed in the bypass for softening. Constant bypass volume even with fluctuating consumption

Article no. 522109 (DN 32, max 4.5 m³/h)

Article no. 522075 (DN 50, max 6 m³/h)



Hose set MC-N

Set of two armoured hoses (length 1.5 m) including reducers from 1" to 3/4" and seals

Article no. 340014