Envi GreenSOFT
Duplex softener
MC-N 2 C

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Duplex softener MC-N 2 C

With its two control heads, the MC-N 2 C duplex softener offers an additional advantage in terms of flexibility and reliability. If one control head fails or requires maintenance, the other control head can continue the softening process.

- Consisting of two GRP cartridges, two control heads, brine tank, brine valve and water meter
- Convenient refilling, cleaning and maintenance
- Programming with four selectable languages (DE, FR, EN, ES)
- Time- or volume-controlled regeneration
- Diagnostic mode and history memory with battery-buffered storage of settings and values in the event of a power failure
- Residual hardness of approx. 0.1 °dH

Duplex softener MC-N	60-2 C	100-2 C	200-2 C	300-2 C	400-2 C
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.	**197277**	**197278**	**197279**	**197280**	**197281**

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Duplex softener MC-N	500-2 C	600-2 C	800-2 C	1000-2 C	1400-2 C
Maximum flow rate (m³/h)	6,0	7,5	10,0	12,5	14,0
Nominal flow rate at <0,1 °dH (m³/h)	5,0	6,0	8,0	10,0	14,0
Max. capacity (m³ x °dH)	500	600	800	1000	1400
Salt consumption (kg/Reg.)	30,0	36,0	48,0	60,0	84,0
Salt supply approx. (kg)	250	220	400	350	550
Operating pressure (bar)	2,5 - 6	2,5 - 6	2,5 - 6	2,5 - 6	2,5 - 6
Inlet (AG)	1,5"	1,5"	1,5"	2"	2"
Outlet (AG)	1,5"	1,5"	1,5"	2"	2"
Waste water (AG)	1 ¼"	1 ¼"	1 ¼"	2"	2"
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)	2000 x 780 x 2000	2000 x 750 x 2100	2200 x 950 x 2100	2000 x 950 x 2300	2200 x 1200 x 2300
Article no.	**197287**	**197288**	**197289**	**197290**	**197291**

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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 ¾“ and seals
Article no. 340014

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