

# CHEWATEC CR

*Crystal Right Filters*

**SOLUTION OF CR FILTERING**



***CR for water treatment***

*Removal of iron, manganese and hardness*

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**CHEWATEC CR** – CR removes at the same time iron, manganese and hardness by ion exchange. Removes also manganese – difficult to remove by classic oxidation. Absorbs NH<sub>3</sub>, increases pH, excellent filtration of non-dissolved particles. Regeneration needs 30% less NaCl than when using classic softening resins. Chlorine has no negative impact on Crystal Right. CR is used for the treatment of non-oxidized iron and manganese.

## Includes:

- Control valve with water meter
- Drain Flow controller
- Transformer 12V
- Crystal Right – delivered separately in bags of 14 L or 28 L
- Support gravel 3/5 mm – delivered separately in bags of 25 kg of weighted out
- Riser tube with bottom distributor - mounted in vessel
- Brine tank, including air check, SBV, salt grid

## Applications:

- Potable water treatment
- Ground water treatment
- Cooling water treatment
- Power plants
- Process water treatment
- Other industrial applications
- Swimming pools applications

| Volume       | Vessel    | Brine tank | App. Flow*             | Regeneration cycle              | Identity code |
|--------------|-----------|------------|------------------------|---------------------------------|---------------|
| <b>1.25"</b> |           |            |                        |                                 |               |
| 28 L         | Q – 10.44 | 100 L      | 1,0 m <sup>3</sup> /h  | 7,4 (12,4) m <sup>3</sup> /h    | CR125-28      |
| 71 L         | Q – 13.54 | 100 L      | 2,0 m <sup>3</sup> /h  | 21,8 (31,2) m <sup>3</sup> /h   | CR125-71      |
| 99 L         | Q – 14.65 | 200 L      | 2,5 m <sup>3</sup> /h  | 29,7 (39,5) m <sup>3</sup> /h   | CR125-99      |
| 127 L        | C – 16.65 | 300 L      | 3,0 m <sup>3</sup> /h  | 38,0 (50,8) m <sup>3</sup> /h   | CR125-127     |
| 170 L        | C – 18.65 | 300 L      | 4,0 m <sup>3</sup> /h  | 51,0 (67,8) m <sup>3</sup> /h   | CR125-170     |
| 198 L        | C – 21.65 | 400 L      | 5,5 m <sup>3</sup> /h  | 60,0 (80,0) m <sup>3</sup> /h   | CR125-198     |
| <b>1.5"</b>  |           |            |                        |                                 |               |
| 127 L        | C – 16.65 | 300 L      | 3,0 m <sup>3</sup> /h  | 38,0 (50,8) m <sup>3</sup> /h   | CR15-127      |
| 170 L        | C – 18.65 | 300 L      | 4,0 m <sup>3</sup> /h  | 51,0 (67,8) m <sup>3</sup> /h   | CR15-170      |
| 311 L        | C – 24.69 | 400 L      | 7,0 m <sup>3</sup> /h  | 93,0 (124,0) m <sup>3</sup> /h  | CR15-311      |
| <b>2"</b>    |           |            |                        |                                 |               |
| 311 L        | C - 24.69 | 400 L      | 7,0 m <sup>3</sup> /h  | 93,0 (124,0) m <sup>3</sup> /h  | CR2-311       |
| 538 L        | C - 30.72 | 750 L      | 11,0 m <sup>3</sup> /h | 161,0 (214,0) m <sup>3</sup> /h | CR2-538       |

\*App. Flow – depending on the water quality – calculated flow is based on softening of 15°D