

# CRYSTAL RIGHT 100

For removing manganese, iron and ammonia. Raising pH and softening.



## ADVANTAGES

- Removes at the same time manganese, iron and hardness by ion exchange
- Removes manganese, difficult to remove by classic oxidation
- Absorption of NH<sub>3</sub> thanks to the chlorinator
- Increases the pH (absorption H<sup>+</sup>)
- Excellent filtration of non-dissolved particles
- A regeneration needs 30% less NaCl than when using classic softeners resins
- Chlorine has no negative impact on Crystal Right and is strongly advised when regenerating to counterattack the proliferation of bacteria.
- No specific requirements for pumps as the backwash flow is lower than the service flow
- Delivered in convenient bags of 22,7kg (28,3L)
- When used appropriately, Crystal Right has a lifetime of 20 year

## CONDITIONS FOR OPERATION

- Must have a hardness of 51ppm / 5.1°F / 2,87°dH
- At least 6.3 pH
- Minimum TDS 80 ppm
- Iron needs to be Fe<sup>2+</sup> = ferrous iron (solved and cleary water)
- Max. Σ (Mn;Fe) = 15ppm
- Max. H<sub>2</sub>S= 0.5 ppm
- Water needs to be tested on site/at the well! (pH and iron)
- Ideal backwash flow for CR100 = 20m/h



## PHYSICAL PROPERTIES

Particle size	0,3 - 2,36mm
Water retention	50%
pH Range	6,3 - 11
Approximate Shipping Weight	801g/l
Standard Packaging	1 Cu. Ft. Bag / 28,3L, 22,7kg
Physical Appearance	Grey / white crystal
Backwash Flow Rate	20 m/h

CRYSTAL  RIGHT™