CRYSTAL RIGHT 200

For removing manganese, iron, ammonia 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 NH3 thanks to the chlorinator
• 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 7 pH
• Minimum TDS 80 ppm
• Iron needs to be Fe2+ = ferrous iron (solved in clear water)
• Max. Σ (Mn;Fe) = 15 ppm
• Max. H2S= 0.5 ppm
• Water needs to be tested on site/at the well! (pH and iron)
• Ideal backwash flow for CR200 = 15m/h

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particle size</td>
<td>0,3- 2,36mm</td>
</tr>
<tr>
<td>Water retention</td>
<td>50%</td>
</tr>
<tr>
<td>pH Range</td>
<td>7 - 11</td>
</tr>
<tr>
<td>Approximate Water Volume</td>
<td>801 g/l</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>1 Cu. Ft. Bag / 28,3L, 22,7kg</td>
</tr>
<tr>
<td>Physical Appearance</td>
<td>Grey / white crystal</td>
</tr>
<tr>
<td>Backwash Flow Rate</td>
<td>15 m/h</td>
</tr>
</tbody>
</table>
CRYSTAL RIGHT 200

Opposite to zeolites (aluminium silicate crystals) that can be found in nature, Crystal Right is a synthetic zeolite without impurities and with predefined grain sizes developed for the treatment of well water.

Thanks to its unique crystal structure Crystal-Right allows at the same time to remove hardness, iron and manganese and increases the pH.

Suko is the exclusive distributor of Crystal Right in Europe.

SMART
- A single media that removes manganese & iron and softens the water

INNOVATIVE
- Custom engineered for use in a variety of industries

EFFICIENT
- There is no need for additional filtration, and less water is used

CLEANER
- Can be disinfected without harming the media

RESIN VS CRYSTAL RIGHT

Resin will work until the capacity is used and immediately needs to regenerate.

CR will stay working even when the capacity reduces. It only requires an extra regeneration after the 10th regeneration to get back to full capacity.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Reference</th>
<th>5301021562</th>
</tr>
</thead>
<tbody>
<tr>
<td>Search name</td>
<td>MR 2 ZEOLITE (CFT)</td>
</tr>
<tr>
<td>Item name</td>
<td>Crystal-Right Medium CR200 (CFT)</td>
</tr>
<tr>
<td>Packaging</td>
<td>1 cuft</td>
</tr>
<tr>
<td>Service flow</td>
<td>between 20 and 40 m/h (When ammonia needs to be removed maximum 10 m/h)</td>
</tr>
<tr>
<td>Density</td>
<td>CR100 &gt; CR200</td>
</tr>
</tbody>
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