

# COMPARE WHOLE HOME WATER TREATMENT SYSTEMS

| <b>WATER SOFTENER<br/>(PLUS CARBON FILTER)</b>   | <b>REVERSE OSMOSIS<br/>(PLUS CARBON FILTER)</b>  | <b>CARBON FILTER \$750 – \$4500<br/>(PURCHASE PRICE)</b>   |
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| <b>\$750 – \$4,000<br/>(PURCHASE PRICE)</b>   | <b>\$1,500 – \$5,000<br/>(PURCHASE PRICE)</b>   | <b>WELLNESS MG III<br/>(\$5,950)</b>    |
| <b>HOW DOES IT WORK ?</b><br>Salt (sodium chloride) or salt substitute (potassium chloride) is added regularly to the softener. Hard water ions (calcium and magnesium) are exchanged for sodium or potassium. Can also ion exchange iron and heavy metals, but does not filter most contaminants**. Carbon filter commonly used in tandem | <b>HOW DOES IT WORK ?</b><br>Reverse osmosis forces water through a semi-permeable membrane which removes most dissolved contaminants. Reverse osmosis is usually combined with at least one carbon filter to remove organic contaminants such as chemicals, taste, odor, and color. | <b>HOW DOES IT WORK ?</b><br>Carbon absorbs/reduces chlorine, odor, color, heavy metals, organic and chemical contaminants. Different grades of carbon filter remove different levels of contaminant. Dissolved minerals are not removed. Specific problems (eg: lead) may require a specific pre- filter.                         |
| <b>WHAT KIND OF WATER DO I GET ?</b><br>Where water is extremely hard (> 200 mg/L) – softeners protect appliances and plumbing. Soft water is good for washing dishes/ laundry. NOT GOOD for drinking. Some people don't like the "slick" feeling you get when bathing.  | <b>WHAT KIND OF WATER DO I GET ?</b><br>Very "pure" drinking water quality with aggressive, low pH similar to distilled water. Water is also softened since R.O. removes over 90% dissolved minerals. Some organic contaminants may still remain.                                    | <b>WHAT KIND OF WATER DO I GET ?</b><br>Depending on filter quality, similar to mountain spring water. Beneficial minerals are retained. Carbon filters do NOT soften water but the Wellness MGIII re-structures the hardness minerals, resulting in water that acts like soft water*.(*where water hardness is less than 200mg/L) |
| <b>MAINTENANCE</b><br>Typically, add salt once a month. Apart from that, water softeners are self-maintaining - back-flush automatically runs salt through the system to clean/regenerate. Carbon filter (if used) must be replaced very 6-12 months   | <b>MAINTENANCE</b><br>Yearly filter/membrane replacement. If used in tandem, replacement carbon filter (approx \$150 - \$300 p.a.) every 6 - 12 months.  | <b>MAINTENANCE</b><br>Set and forget the MG III! Due to its backwash facility, it lasts for minimum seven years! Other standard carbon filters need replacing every 6 -12 months (approx \$150 - \$350 p.a.)   |
| <b>ECOLOGICAL IMPACT</b><br>Banned in some areas due to excessive salt in brine backwash contaminating water table. Back-flush every 3-7 days wastes gallons of water.   | <b>ECOLOGICAL IMPACT</b><br>For every one gallon of treated water, 4-10 gallons go down the drain, depending on model. One person can easily use 50 gallons in one day.  | <b>ECOLOGICAL IMPACT</b><br>Wellness MG-III backwash facility uses around 50 gallons water every 4 days – less than R.O. or water softener. MG III carbon filter lasts minimum 7 years.  |
| <b>HEALTH ISSUES</b><br>Contra-indications for people with conditions such as hypertension, due to excess amount of sodium in water and risk of absorption.  | <b>HEALTH ISSUES</b><br>Long term consumption of demineralized water has been linked to increased risk of heart disease and other related illnesses.   | <b>HEALTH ISSUES</b><br>MG III is only filter to also enhance with antioxidants Carbon filters can reduce contaminants** linked to disease and ill-health.   |

\*\*Please note: the contaminants listed in this table may not necessarily be present in your water. DISCLAIMER: This information has not been reviewed by the FDA and is for general guidance purposes only. Products offered for sale herein are not intended to treat, cure or prevent any disease or health condition. No medical claims are being made or implied