

### *Copper*

- ① Already in your daily multivitamin, 2 milligrams equal 100% recommended minimum daily value amount of copper.
- ② Provides latent bacterial protection (remains in the water to prevent bacteria and algae growth)
- ③ Essential micronutrient for:
  - Nervous system*
  - Cardiovascular system*
  - Skin*
  - Bone*
  - Immune system*
  - Reproductive system*
- ④ Copper deficiency is linked to increased risk of coronary heart disease and certain types of cancer
- ⑤ 0.15 – 0.20 ppm of ionized copper is added to the water, well below the EPA's Maximum Contaminant Level Goals (MCLG) of 1.3 ppm. At this level, 2.6 gallons of water per day are required to meet your minimum daily value amount requirement of copper.

### *Titanium Oxidation*

- ① Kills/disables bacteria
- ② Reduces scaling/hard water deposits (by converting minerals from their carbonate form to their bi-carbonate form)
- ③ Oxidizes (burns up) other microscopic contaminants
- ④ Provides a softer feeling water (as opposed to the "slimy feel" of salt-softened water)

### *Activated Carbon*

- ① We use only Highly Activated Coconut Shell Granulated Activated Carbon. This type of GAC has 25% more surface area than other types of GAC. It does not affect the water's pH. It is significantly better at absorbing MTBEs than non-treated and other types of GAC. It is the highest quality activated carbon available for drinking water treatment.
- ② Removes chlorine, chemicals & chlorination by-products
- ③ Freshens water
- ④ Improves taste
- ⑤ Backwash drinkable
- ⑥ The Filter is digital and regenerates based on usage and/or elapsed time, which addresses the needs of our snowbirds and/or frequent travelers.

### *Reverse Osmosis (RO) System*

- ① Wastes 3 – 4 gallons of water for every gallon it produces
- ② Removes minerals essential to health from water (calcium and magnesium)
- ③ Produces highly acidic water (also unhealthy)

## more things to know

### Water Softener

- ① Requires bags of sodium or potassium chloride
- ② Removes minerals essential to health from water (calcium and magnesium)
- ③ Adds sodium to water, bad for hypertension
- ④ Bad taste
- ⑤ Water not fit for drinking or cooking
- ⑥ Backwash is brine, bad for environment, banned in many communities with many more bans threatening

### Chlorine

- ① Linked to many health issues including heart disease and cancer
- ② Absorbed through skin as well as through ingestion
- ③ Dries out skin and hair
- ④ Odor
- ⑤ Produces by-products that are known carcinogens
- ⑥ Releases the chemical chloroform in the shower or hot tub (hot water), which is inhaled and not healthy
- ⑦ Does not kill Cryptosporidium at US EPA standards level

### Why CL FREE? watersystems

- ① **Non-chemical approach to water sanitation and microbiological control while producing water with all the benefits of soft water, without removing beneficial minerals or adding salts.**
- ② Microprocessor controlled Whole house system
- ③ Eliminates need for...
  - Water softener
  - RO (reverse osmosis) system
- ④ Enjoy water that is...
  - Odor Free
  - Chlorine Free
  - Salt Free (none added)
- ⑤ Fresh, treated water to every tap in the house
- ⑥ Reduces Scale Build-up
- ⑦ Extends the life of all water using appliances and fixtures
- ⑧ Eliminates...
  - Salt
  - Expensive bottled water
  - Filter changes
  - Reverse osmosis maintenance

enjoy the water.