



### ACTIVATED CARBON



There are many applications for our various grades of carbon including removal or reduction of odors, tastes and dissolved organic chemicals from municipal and industrial water supplies. Activated carbon is highly effective in the reduction of undesirable tastes and odors associated with chlorinated water supplies. They include point of entry/point of use (POE/POU) water filters for removing chlorine and organic contaminants from tap water, extruding carbon block for drinking water cartridges, air purification at residential and commercial buildings, recovery of organic solvents and light oils in petroleum refining, volatile organic compound (VOC) at industrial/chemical manufacturing plants, catalyst carrier in the synthesis of vinyl acetate and vinyl chloride, neutralization and odor control of sewage and hydrogen sulfide gases, ground and color/taste removal in the food and beverage industries.

### RISIN



Man made resin is a high capacity, high quality gel-type cation resin capable of meeting the most exacting requirements of household, farm, commercial, institutional and industrial water softeners. It is supplied in sodium form as colored translucent beads in one cubic foot bags and larger bulk bags. Resin does not contain chlorinated solvents. The manufacturing process insures low taste, odor and color throw for potable waters. Resin meets the requirements for paragraph 173.25 of the Food Additive Regulation of the U.S. Food and Drug Administration. Resin is high capacity. 30,000 grains of capacity when regenerated with 15 pounds of NaCl per cubic foot and 20,000 grains with six pounds NaCl per cubic foot ensure high salt usage efficiency and low operating cost.

### CALCITE



Calcite is a calcium carbonate media. Acidic waters will slowly dissolve the calcium carbonates to raise the pH which reduces the potential of copper, lead and other metals found in typical plumbing systems. Back-washing will prevent packing, reclassify the bed and maintain high service rates. Depending upon pH, water chemistry and service flow rate, your calcite filter will have to be periodically replenished as the calcite is depleted.

As calcite's, calcium carbonate neutralizes the water, it will increase hardness and a softener may be required