



Eagle Redox Alloy 6500 & 9500 PRODUCT DATA SHEET

Type: High Purity Copper-Zinc Granules

Crystal Quest® Eagle Redox Alloy® (ERA) media are high purity copper-zinc granules that reduce contaminants in water using oxidation/reduction (redox) reaction. ERA 6500 process medium is an effective chlorine removal agent used in point-of-entry (POE) treatment of municipal water supplies. ERA 9500 process medium is an effective iron (ferrous) and hydrogen sulfide (H₂S) removal agent that may be used alone or to protect existing water filtration/purification technologies in POE treatment of groundwater supplies.

These unique, innovative and environmentally responsible media consist of high purity copper-zinc granules that use redox (the exchange of electrons) in patented products to effectively reduce/remove chlorine, iron, hydrogen sulfide, heavy metals, and control microorganisms in potable water without the use of chemicals. What's more, ERA 6500 and 9500 media are highly efficient and tank size requirements are modest for more economical system engineering and installation.

Recommended Operating Conditions:

Service Flow Rate	15 gpm/ft ²
Backwash (10 minutes):	30 gpm/ft ²
Purge/rinse (3 minutes):	maximum
Bed Expansion, backwash:	10% - 15%
Free Board:	20%
Minimum Bed Depth (6" dia.):	10"
ph Range:	6.5 to 8.5
Water Temperature (influent):	35° F (1.67° C) to 212° F (100° C)

(Always maintain wetness)