

(c. 50,140)

**PRODUCT GUIDE** ▶

# Wastewater

**Hydro International's** Grit King is a hydrodynamic vortex separator for removing grit and sand from wastewater. The units are typically designed to remove 95 percent of particles down to 150 microns at peak design flow with minimal head-loss, normally less than 6 inches. The Grit King is available as either freestanding or insitu units and can be installed above or below ground. Flow is introduced tangentially into the side of the Grit King, causing the contents to rotate slowly about the vertical axis. The flow spirals down the perimeter allowing the solids to settle out. The collected grit is discharged by gravity or pumped out from the base of the unit.