

GRIT WASHER



The FSM Grit Washer achieves high separation performance of the finest grit particles.

FEATURES

- Rugged stainless steel construction
- Completely enclosed
- Ease of maintenance
- Indoor or outdoor installation
- Fully automatic operation
- Optional inlet trommel screen for non-grit solids removal
- Easily configured to suit existing installations

BENEFITS

- High reliability, low maintenance costs
- Accepts flows up to 500 gpm without the need for primary separation
- Low water consumption
- Volatile solids reduction to < 3%
- Separation rate of > 95% of particles 0.2 mm and up
- Clean, dry, odor free grit discharge



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PRINCIPLE OF OPERATION

The grit slurry is fed into the grit washer through the inlet. Organics material is held in suspension, captured then released via the organics reject valve. Heavier grit particles settle in the washer tank for further cleaning. With the addition of water, a stirring device and up-current wash water technique the settled grit is separated from the remaining organics constituents. The washed grit is then removed with an extraction screw, dewatered and discharged. Typical grit contains less than 3% organics and is 90% dry.



For more information call **864.576.0660**
or visit **kusterswater.com**

