

GRIT WASHER



The Kusters Water ProTechtor® Grit Washer is known for its reliable operation and robust design. Separation efficiencies of the grit washer are much higher than conventional grit classifiers. All ProTechtor® products are US Manufactured at Kusters Water's ISO 9001:2015 certified facility.

Features

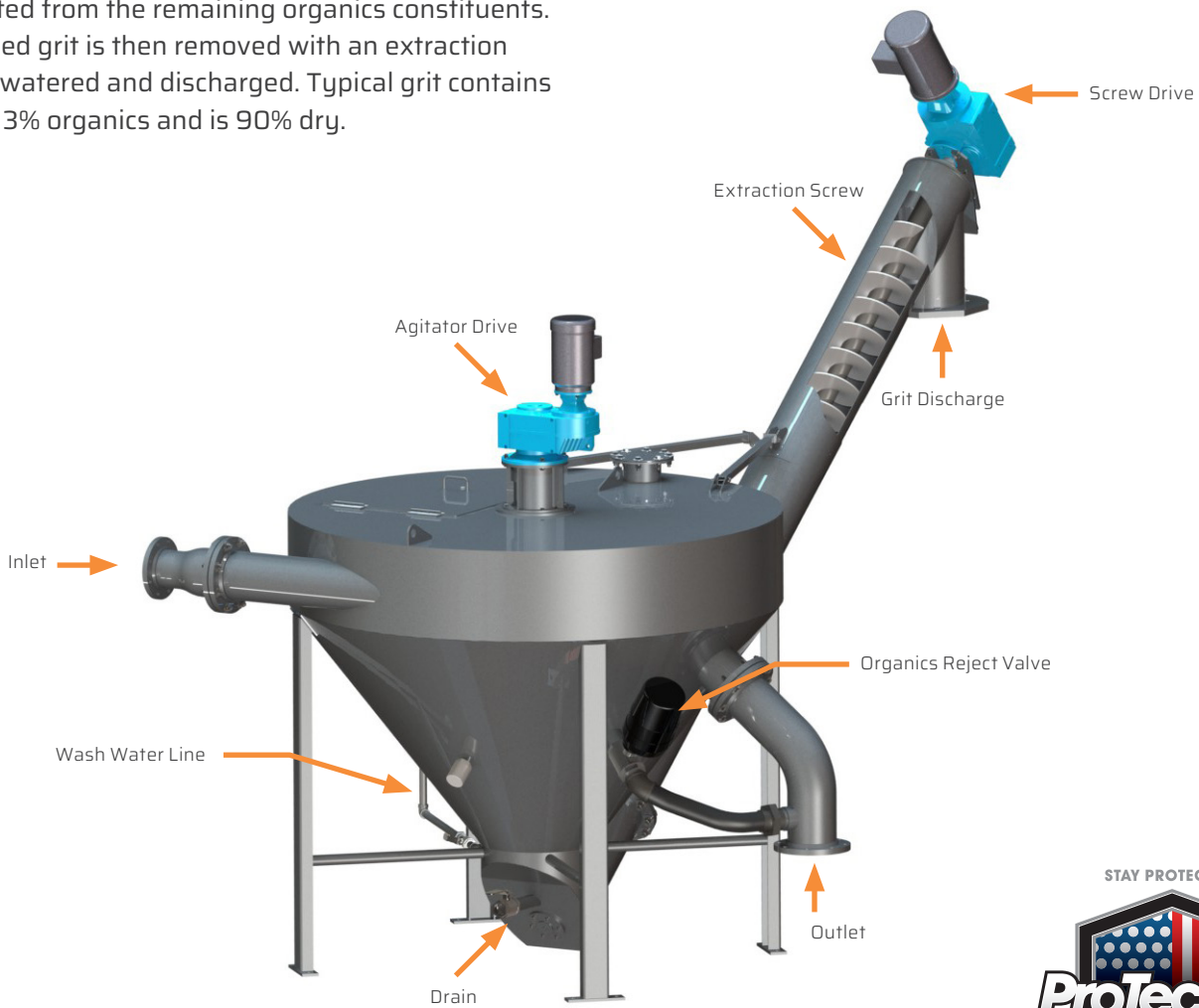
- Rugged stainless steel construction
- Completely enclosed
- Ease of maintenance
- Indoor or outdoor installation
- Fully automatic operation
- Optional inlet trommel screen for non-grit solids removal
- Easily configured to suit existing installations

Benefits

- High reliability, low maintenance costs
- Accepts flows up to 600 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

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:

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