

PRODUCT NEWS

Franklin Electric 1 hp grinder pump for Pit+Plus systems

Franklin Electric now offers the 16G Series 1 hp grinder pump configuration for the company's Little Giant Pit+Plus package. Each package includes a roto-molded polyethylene basin (the pit) combined with the user's choice of Little Giant pump. The addition of the 1 hp option joins the already available 4/10 hp and 1/2 hp sewage pump choices. The basin is available in two sizes: the 24 by 24 JR or 20 by 30 SR.



The cutting mechanism is modeled after the same one used in larger Franklin Electric models for proven performance. The 1 hp class F motor provides power to prevent flushables and other debris from clogging and causing downtime. 866-271-2859; www.franklinengineered.com □

PRODUCT SPOTLIGHT

Recycled Water Technologies QuadPod MBR is sized for a variety of applications

By Tim Dobbins



Recycled Water Technologies (RWT) has created a membrane bioreactor onsite treatment product designed to fit individual projects and sites. Relying on years of experience in the onsite industry, RWT CEO Ray Tebo developed the proprietary MBR system.

The RWT Model QuadPod 4.0 MBR is a fully integrated, automatic treatment process with flat sheet membrane technology, mechanical systems and electrical controls. Tebo explained the system can be used in many decentralized wastewater applications, such as travel centers, RV

parks, golf courses, malls or small community systems.

"The systems provide a conservative design approach to consistently produce high-quality effluent suitable for discharge and reuse applications, while minimizing operations and maintenance and mitigating commercial downtime," Tebo asserts.

QuadPod units are constructed of PVC and stainless steel and each one includes a simplex or duplex aeration blower, effluent pump and control panel assembled in prefabricated weatherproof equipment enclosure. Camlock connectors and membrane cases are also made from stainless steel and membrane cases are built with integrated membrane aeration diffusers. Simplex or multiple static influent screens are capable of screening raw wastewater solids to less than 1/8 inch, according to Tebo.

Though RWT provides onsite system installation and support services, Tebo says installation is made to be simple. Systems are skid-mounted, pre-plumbed, and have pre-wired equipment and controls.

"Customers have commented that it has very few moving parts and is quick to install," Tebo says. "Each unit is pre-engineered and packaged with plug and play, easy to install components including blowers, pumps and controls, thus minimizing installation labor and materials. We even made our carriers so that the membranes are quick to change making it so future replacement labor is minimized."

Systems come standard with customizable controls compatible with a variety of pumps and blowers. Optional with the system is cellular or web-based remote system monitoring and system upgrades are available for extreme environmental conditions, elevations and topography. 815-401-5390; www.recycledwatertech.com □