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- WASH WATER RECYCLING AND TREATMENT SYSTEMS
- DETERGENT • ACCESSORIES • REPLACEMENT PARTS

MicroSTAX™

INDUSTRIAL GRADE PRETREATMENT SYSTEMS

MicroSTAX™ Industrial Grade Pretreatment Systems

Flow Rates: 2-300 GPM

The Pan America Environmental MicroSTAX™ systems typically used prior to the EXtreme V™ and EXtreme Float™ systems are a pipe flocculator type of design that provides multiple-chemical reaction contact in a compact footprint design without moving parts, wearing components or need for power. The MicroSTAX™ design uses water turbulence induced by a serpentine piping network to mix chemical products into a wastestream.

The design eliminates the need for mixing tanks, mixers and electrical consumption. The process takes place under highly controlled, well-defined and optimized conditions.

Features Include:

- No power requirements and no moving parts, which means minimal maintenance.
- Uniform mixing in the pipe cross-section promotes uniform flocculation.
- No mixing dead zones.
- Chemical metering systems: coagulation, flocculation, pH

Designed for a particular flow range, each pipe flocculator can be configured with:

- Multiple chemical injection ports for up to three stage treatment (coagulant, and flocculants).
- Centralized, valved chemical pump connection ports.
- Multiple sample ports.
- In-line monitoring probe fittings (pH, suspended solids, conductivity or other use).
- Flanged and NPT connections.

MicroSTAX™ flocculators come with an A36 carbon steel support frame as either a tank mount hanger system or a skid-mounted design for mobility/temporary use or for permanent, off-tank installations.

Unit sizes range from 1.5" to 10" pipe and can be supplied in a variety of lengths and construction.

Other diameters are available Upon request. MicroSTAX™ flocculators can be customized and built to meet specific project requirements.



MicroSTAX™ shown mounted to an EXtreme V™ system



MicroSTAX™ shown separately

950 N. Rand Rd., Ste 120 Wauconda, IL 60084 USA
 847-487-9166 Fax: 847-487-9218
www.wash-water-treatment.com www.panamenv.com panam@panamenv.com
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