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"Aquarius" Waste Treatment System

DESCRIPTION

Filtration Engineering introduces the "Aquarius", waste treatment system. The "Aquarius" System utilizes the latest in tubular membrane technology for waste treatment.

The membrane is an 8" diameter, fiberglass Housing with 8 mm diameter tubes. This configuration packs a considerable amount of membrane area into a small footprint. The ability to deploy large amounts of membrane area into a small footprint provides the basis for lower capital investment, reduced floor space, and system operating cost.

The use of membrane to separate bio-mass provides an absolute barrier to suspended solids producing a higher quality effluent, which is not susceptible to biological upsets compared to standard separation methods.



SPECIFICATIONS

MEMBRANE TYPE: ULTRAFILTRATION

MEMBRANE STYLE: TUBULAR
8" FIBERGLASS
HOUSINGS

MEMBRANE SIZE: 8 MM DIAMETER

MEMBRANE: (27 SQUARE METERS)

CAPACITIES: ONE MEMBRANE IS
CAPABLE OF
PRODUCING UP TO
10 GPM OF PERMEATE

OPERATING PRESSURES: UP TO 45 PSI

OPERATING UP TO 120° F (50° C)

"AQUARIUS"



- ◆ CONSISTENT HIGH QUALITY EFFLUENT
- ◆ HIGH LEVEL OF ORGANIC COMPONENT RETENTION
- ◆ CAN RETROFIT OR EXPAND EXISTING TREATMENT SYSTEMS
- ◆ MEMBRANE WARRANTIED FOR 5 YEARS
- ◆ EASY CLEANABILITY, OPTION TO FULLY AUTOMATE
- ◆ ONLY NEED TO CLEAN MEMBRANE ONCE A MONTH
- ◆ ELIMINATES POLYMER USAGE
- ◆ LOW OPERATING COST