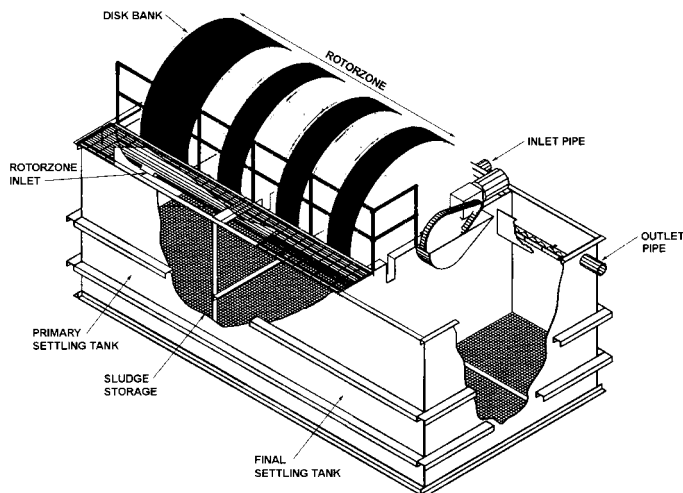


Finally... A Quiet, INDOOR Sewage Plant That Emits NO ODORS!!!

ROTORDISK

The New World Standard in Municipal Sewage Treatment Plant Design For 1 to 10,000 Homes

ROTORDISK MODULAR ENHANCED rotating biological contactor sewage treatment plants provide a simple and dramatically cost effective alternative to other more complex and expensive technologies such as conventional sewage treatment plants and sequencing batch reactors.



- **ROTORDISK** is typically **50% LESS EXPENSIVE** to design and construct.
- **ROTORDISK** is **90% LESS EXPENSIVE** to operate and maintain.
- **ROTORDISK's COMPACT MODULAR** design allows you to design and build for today's requirements and provide for future expansion with the ability to add-on additional modules over time as system demands increase.
- **ROTORDISK ENHANCED** design converts raw sewage into clean water for re-use and recycle in a simple and cost effective 3-stage process.
- **ROTORDISK ULTRA-ENHANCED** design converts raw sewage into potable drinking water.
- **ROTORDISK P-03** design is the only system certified by Government Authorities to meet phosphorus effluent removal of 99.997%.
- **ROTORDISK** is quiet, **FREE OF ODORS, COMPLETELY ENCLOSED**, inexpensive to run and simple to operate.
- **ROTORDISK** systems are used by private sector and governments worldwide. Over 500 large systems constructed.

The reasons to select a ROTORDISK system are very compelling as shown in the comparison of municipal sewage system technologies on the reverse side of this sheet.

We invite you to see and hear our engineering presentation and, best of all, visit some existing installations of ROTORDISK systems (large and small). For an appointment please phone us at 1-800-546-0705 and ask for Gary Jensen.

GREAT LAKES INDUSTRIAL CONTROLS

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COMPARISON OF THE FOUR MOST COMMON MUNICIPAL SEWAGE SYSTEM TECHNOLOGIES

As you can see, **ROTORDISK** has, by far, the lowest cost to design, build and operate.

COMPARISON FACTOR	ROTORDISK ROTATING BIOLOGICAL CONTACTOR (RBC)	SEPTIC TANKS	CONVENTIONAL SEWAGE PLANT (SP)	SEQUENCING BATCH REACTOR (SBR)
CAPITAL \$ COST (Project)	\$500,000 PER 200 HOMES	\$2,000,000 PER 200 HOMES	\$2,000,000 PER 200 HOMES	\$1,000,000 PER 200 HOMES
OPERATING COSTS	\$20,000 PER YEAR	\$300 PER YEAR	\$200,000+ PER YEAR	\$200,000 PER YEAR
PHYSICAL SPACE	SMALL: 60' X 20' X 20'	SMALL: BUT NEEDS LARGE LEACHING BED	LARGE: 300' X 100' X 100'	LARGE: 180' X 60' X 60'
LAND	LESS THAN 1/2 ACRE	2 ACRES: Includes Leaching Bed	3 ACRES	LESS THAN 1/2 ACRE
OPERATOR ATTENTION	Only 1 Hour Per Week	NONE	FULL TIME OPERATOR 24 hours / 7 days per week	FULL TIME OPERATOR 24 hours / 7 days per week
PERSONNEL	Only 1 for 1 Hour Per Week	NONE	3 (3 - 8 Hour Shifts)	3 (3 - 8 Hour Shifts)
SKILL LEVEL CO-OPERATE	LOW	NONE	HIGH	HIGH
SLUDGE	VERY LIGHT AMOUNT (75% Less Than Others)	YES	YES	YES
PUMP OUT	2 TIMES PER YEAR	1 TIME PER YEAR	NONE (Digester Required)	EVERY 24 HOURS
POWER CONSUMPTION WATTS/HEAD/DAY	20	NONE	93 to 166	100
ODOR	NONE	YES	YES	YES
NOISE	NONE	NONE	YES	YES
MAINTENANCE	VERY LOW	VERY LOW	HIGH	HIGH
AESTHETICS	GOOD	GOOD	POOR	POOR
LEACHING BED	YES (Small)	YES (Large)	NO	YES (Small)
AMMONIA REMOVAL	YES	NO	YES	YES
AERATORS	NO	NO	YES	YES
ENVIRONMENTAL IMPACT	NO	YES	YES	NO
EASE OF EXPANSION	YES (Because of Modular Design)	NO	NO	YES (Only if Modularity is Engineered into System)
DESIGN ENGINEERING REQUIRED*	MINIMAL	MINIMAL	SUBSTANTIAL	SUBSTANTIAL
\$ COST / 1000 GALLON (up to .5M Gal)	LOW	NONE	HIGH	HIGHEST
ADVANCED PHOSPHORUS REMOVAL TO 99.997%	YES	NO	NO	NO