

# MULTI-FLO

## Wastewater Treatment System~for Residential and Commercial Properties

### Multi-Flo...Best for the User

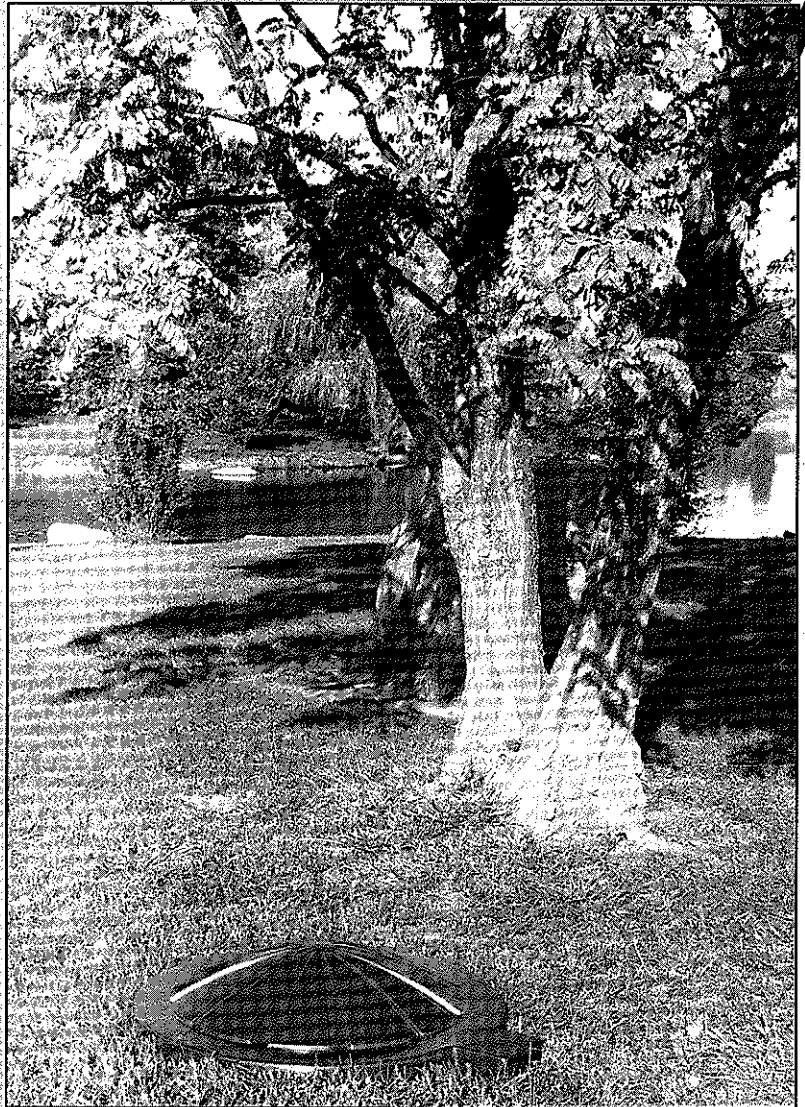
- Consistent Effluent Quality
- Quiet, Odor-free Operation
- Unique, Reliable Internal Filtering System
- Minimal Space Requirements
- Eliminates Offensive Sewage Discharge
- Reputation and Credibility  
20 Years Experience  
Thousands of Installations throughout the Country

- Installed and Serviced by Trained Multi-Flo Representatives

### Multi-Flo...Best for the Environment

- Better than 95% Removal of Sewage Contaminants
- Discharges Clear, Odorless Water
- Tested and Certified under ANSI/NSF Standard 40 as a Class I System

Multi-Flo is an efficient, compact, self-contained wastewater treatment system designed to dispose of sewage by means of aerobic digestion and filtration for both residential and commercial properties. The result is clear, odorless water, 95% sewage free!



Simply  
The Best

David Phillips Construction

A760

# MULTI-FLO

## Simply the Best

Multi-Flo is a convenient alternative to a central sewage system or the septic tank and is ideal for the renovation of a failing on-site sewage system. And thanks to its durable, lightweight construction, Multi-Flo can be installed quickly and easily in any location, even those with limiting factors.

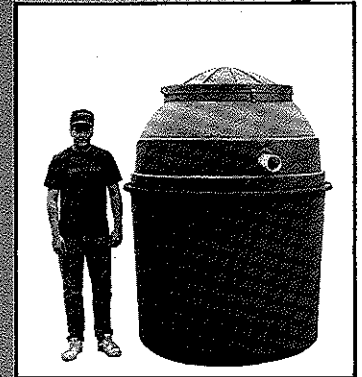
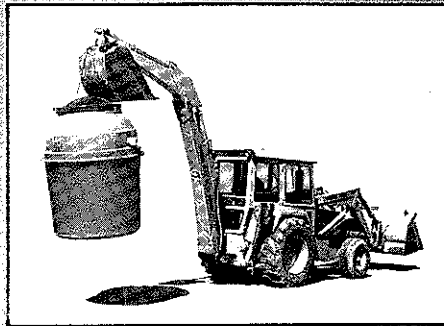
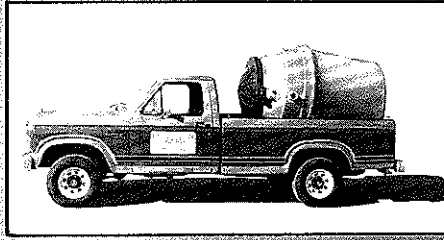
But most of all, Multi-Flo offers the highest quality of any wastewater treatment system in its class... it's simply the best.

## Clean, Odorless Effluent

A unique feature of the Multi-Flo System is that the entire process takes place in a single tank. Multi-Flo has been Tested and Certified under ANSI/NSF Standard 40 as a Class I System — the Highest Rating. Because of the high degree of treatment, the Multi-Flo effluent is allowed by some states and local agencies for surface discharge as well as recycle and irrigation use.

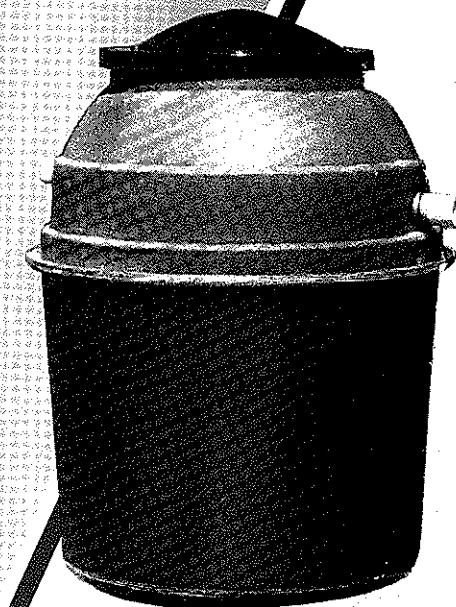
Founded in 1970, Multi-Flo has set the standard in wastewater treatment. From the day of its inception, Multi-Flo was developed with the highest efficiency — consequently we have never had to change to meet standards required by NSF International (NSF). Initially tested by NSF in 1973, again in 1981, and most recently in 1991, we have always maintained those high standards to guarantee a Class I rating.

Multi-Flo has sold thousands of units across the country. This success is due not only to the outstanding product, but also to the people involved with Multi-Flo. We take pride in our product and stand behind it. Multi-Flo is a company built on reputation. We are committed to our product, our customers, and the environment.



**Five Sizes:**  
500, 600, 750,  
1000, and 1500  
gallons per day.

**Electrical  
Requirements:**  
120 volts/2.6 amps  
single phase  
60 cycle



# MULTI-FLO

## Features and Benefits

### No Odors

Because the Multi-Flo utilizes an "aerobic" treatment process, there are no offensive "rotten egg" odors commonly associated with septic tanks.

### Quiet Operation

The specially designed, totally submerged aerator is almost 100% noise-free. This eliminates the annoying noise created by top-mounted aerators and auxiliary compressors which must be located in or near the home.

### Low Operating Cost

This newly redesigned aerator costs only a few cents a day to operate. This is less than the cost to operate most common household appliances.

### No Owner Maintenance

Although periodic, routine maintenance is necessary to insure continuous, trouble-free operation, all service is provided by local factory-trained representatives. The Multi-Flo alarm system alerts the homeowner of any pending problem.

### Low Installation Cost

The lightweight, single tank design allows for simple installation without the need for heavy, expensive equipment. The durable fiberglass tank can be transported in a pick-up truck.

### Minimal Space Requirements

The Multi-Flo requires only a small space (approximately 6' in diameter) for installation. In addition, depending on local and state regulations, it may be permissible to reduce normal drainfield sizing requirements or to discharge the effluent (with disinfection) directly to an approved receiving stream. **CHECK WITH YOUR STATE, COUNTY, OR LOCAL REGULATORY OFFICIAL TO DETERMINE IF SUCH REDUCTIONS ARE PERMITTED.**

### Easy Access for Service

The low-profile lid allows immediate accessibility to all of the Multi-Flo components. All necessary inspection and maintenance can be done quickly and easily without digging up the yard. Tamperproof fasteners prevent unauthorized entry into the unit.

### Two (2) Year Warranty

Multi-Flo warrants each treatment plant to be free of defects and workmanship for a period of two years from the date of installation.

### Prevents Drainfield Failure

The highly treated, filtered effluent produced by the Multi-Flo is over 95% free of the normal sewage contaminants that cause the "progressive failure" of conventional systems.

### Several Plant Sizes Available

Multi-Flo provides five (5) individual treatment plant capacities: 500, 600, 750, 1000 and 1500 gallons per day (GPD). This allows for proper sizing of the plant based upon actual (or anticipated) sewage flows.

### NSF Tested and Certified Class I System

Multi-Flo has achieved the highest performance rating from the NSF. Based upon their testing results, the Multi-Flo is one of the most efficient treatment plants in the market.



# MULTI-FLO

Typ ID | Lot Size

using many work existing tanks

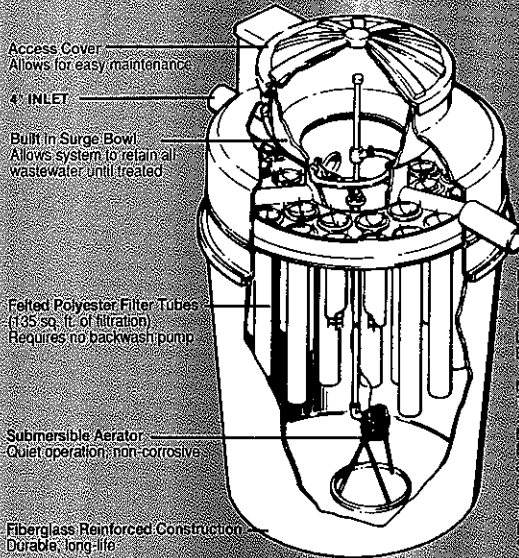
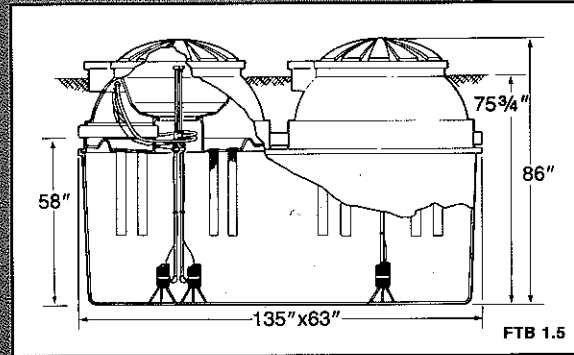
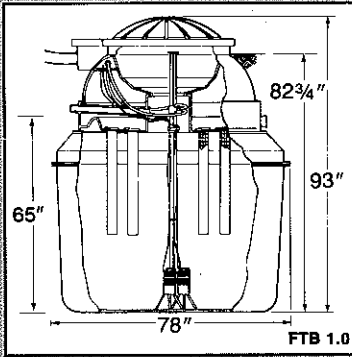
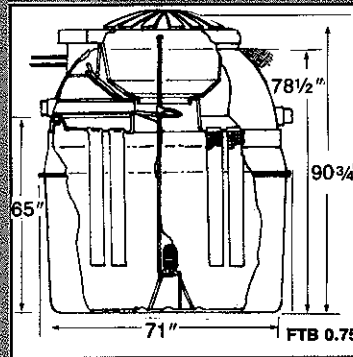
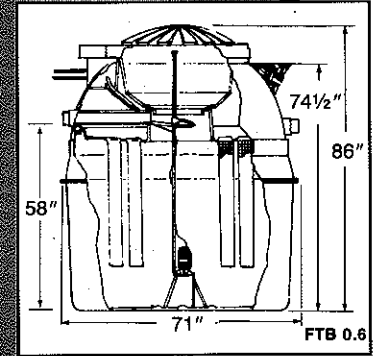
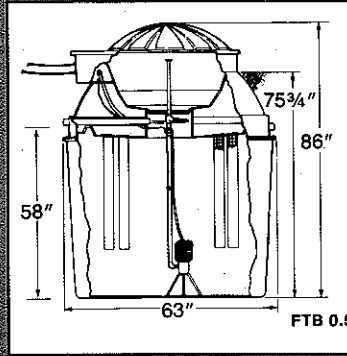
## Specifications

### Wastewater Treatment (NSF Test Evaluation)

Test Results	Influent Mean mg/l	Effluent Mean mg/l	Reduction
BOD (5 day)	150	5	97%
SS	195	5	97%

### System Components and Materials

- Tube Expanders:** 3" Slotted and Dried Polyethylene Pipe
- Filter Tubes:** Felted Polyester Cloth
- Wastewater Tank Dome and Cover:** Fiberglass Reinforced Plastic
- Aerator:** Cast Iron, Stainless Steel, 1/6 HP, 1550 RPM Motor With Thermal Overload Protection 120 Volt AC 2.0 AMPS 60 HZ
- Alarm System:** Low voltage (12 Volt DC) Sensors Signal to the Control Box. Audio / Visual Signals Alert the Owner to loss of Air Supply or High Water Level in the tank.



Access Cover  
Allows for easy maintenance.

4" INLET

Built In Surge Bowl  
Allows system to retain all wastewater until treated.

Felted Polyester Filter Tubes  
(135 sq. ft. of filtration)  
Requires no backwash pump.

Submersible Aerator  
Quiet operation, non-corrosive.

Fiberglass Reinforced Construction  
Durable, long-life.

Five Pre-Engineered Sizes (600, 600, 750, 1000, 1500)  
Meets wide range of applications.  
Lightweight (500 lbs. - 325 lbs.)  
Easy to transport, install.

No. External Timers  
Tamperproof.

No Bypass  
Retains solids in system for all times to protect the environment.

The Multi-Flo Plant  
Requires Periodic Service  
Patent Nos. 4,988,856  
4,922,749; 4,922,750  
4,922,751

## UNIT SPECIFICATIONS

ITEM	FTB 0.5	FTB 0.6	FTB 0.75	FTB 1.0	FTB 1.5
Treatment Gal/Day	500	600	750	1000	1500
Volume Gal	500	600	750	1000	1500
Bod Load/Day	1.5	1.5	1.5	3.0	4.5
Diameter	63"	71"	71"	78"	135"x63"
Total Height	86"	86"	90 3/4"	93"	86"
Grade to Inlet Invert	17 3/4"	16"	16"	17 3/4"	17 3/4"
Grade to Outlet Invert	19 3/4"	18"	18"	19 3/4"	19 3/4"
Excavation Depth	75 3/4"	74 1/2"	78 1/2"	82 3/4"	75 3/4"
No. of Aerators	1	1	1	2	3
No. of Filters	30	30	30	30	60
Shipping Weight	325 lbs.	350 lbs.	400 lbs.	550 lbs.	780 lbs.
Inlet Invert*	58"	58"	65"	65"	58"
Outlet Invert*	56"	56"	63"	63"	56"

\*From Bottom Excavation - See Drawing



Certified to ANSI/NSF Standard 40  
Class I