

# Pro Flo

## Wastewater Treatment Systems

Automatically reduces household sewage to a clear, odorless liquid in just 24 hours!



Eliminates troublesome conventional septic tanks and the unsanitary conditions they cause.

MODEL TESTED DID NOT HAVE AFFIXED PUMP TANK



Over 25 Years of Wastewater Experience



PROUDLY MADE IN THE U.S.A.



Class 1 ANSI/NSF40



# “GO WITH THE *Pro* ...

## WHAT IS AN AEROBIC TREATMENT SYSTEM USED FOR?

An aerobic treatment system is used to treat household wastewater that includes all water from toilets, bathtubs, showers, sinks and laundry. It automatically reduces household wastewater to a clear, odorless liquid in just 24 hours. After treatment, the effluent (i.e. treated wastewater) is acceptable for surface or subsurface application.

## HOW DOES THE SYSTEM WORK?

Aerobic systems treat wastewater using natural processes that require oxygen. Bacteria that thrive in oxygen-rich environments work to breakdown and digest the wastewater inside the treatment system. Aerobic systems treat the wastewater in the following stages:

### PRETREATMENT

The pretreatment chamber is used to reduce the amount of solids that enter the aeration chamber. Solids can include paper and other materials that are put down the drain or flushed into the system. This pretreatment is primarily the same as a septic tank.

### AERATION

The second compartment of the system is the aeration chamber. In this chamber, air is introduced to the wastewater by means of an aerator (i.e. air blower motor) used to force air thru diffusers into the wastewater. The forced air mixes with the bacteria that digest the solids in the wastewater. This mixture of wastewater and oxygen is called the mixed liquor.

### CLARIFIER

The wastewater from the aeration chamber then enters the clarifier (also called the settling chamber or quiet zone) through an opening in the bottom of the wall that separates the two compartments. There is very little movement in the clarifier which allows any remaining solids/sludge to separate from the effluent and return back to the aeration chamber. The remaining effluent then flows from the clarifier into an approved disposal method (i.e. pump tank for spray irrigation or subsurface disposal or any other method approved by the local authority).

## WHY AEROBIC TREATMENT?

- ◆ Better for the environment
- ◆ Unaffected by most soil conditions
- ◆ Unaffected by seasonal groundwater
- ◆ Not affected by weather
- ◆ Increases property value
- ◆ Automatically reduces household sewage to a clear, odorless liquid in 24 hours



**Our systems utilize TufTite® water-tight lids and risers which eliminate unsightly appearances.**





# ALWAYS GET THE **BEST!**"

## WHY CHOOSE *Pro Flo*?

- ◆ Easy to maintain
- ◆ Energy efficient
- ◆ Quiet operation
- ◆ Engineered precast concrete tanks
- ◆ Components easily accessible
- ◆ No internal moving parts
- ◆ Simplistic control panel (not computerized)
- ◆ No troublesome internal filters to clean or clog up
- ◆ Excellent performance at a reasonable price
- ◆ Easy to understand, user friendly instructions
- ◆ Superior Customer Service

## WE OFFER SEVERAL MODELS TO FIT YOUR NEEDS

- ◆ PF 500 SL<sup>2</sup> – 500 GPD\* System
- ◆ PF 500 SLPT<sup>2</sup> – 500 GPD\* System
- ◆ PF 500 SLPT<sup>5</sup> – 500 GPD\* System
- ◆ PF 600 SL – 600 GPD\* System
- ◆ PF 600 SLPT – 600 GPD\* System
- ◆ PF 800 SL<sup>2</sup> – 800 GPD\* System
- ◆ PF 800 PTSL – 800 GPD\* System
- ◆ PF 800 PTSL<sup>5</sup> – 800 GPD\* System
- ◆ PF 1000 S – 1000 GPD\* System
- ◆ PF 1500 S – 1500 GPD\* System

*PF 500 SLPT<sup>2</sup> has a 771 gallon pump tank on the system.  
(System was not tested with pump tank affixed.)*

\*Gallons Per Day.

An easy to understand System Owner's Manual is supplied with each system. This manual, along with service provided by a qualified *Pro Flo* representative, will ensure years of efficient operation.

**Two (2) Year  
Limited  
Warranty**

*Pro Flo* warrants each treatment system to be free from defects in material and workmanship under normal use and proper service for a period of two years from the date of installation.



*Our professional, courteous drivers arrive on-site in the latest, state-of-the-art trucks with monorail or knuckleboom cranes.*

Each *Pro Flo* Treatment System is constructed of durable precast reinforced concrete. The risers and lids are molded of rugged, water-tight, non-corrosive, high-density polyethylene with ribbed construction for exceptional strength and durability.





*Protection of our water resources is a responsibility we all share. **Pro Flo** is proud to be a part of an increasing effort to improve our environment and keep our waters clean and safe. Old style septic systems and drain fields can pollute our environment. So whether you have a failing system that needs replacing or you are looking for a quality aerobic system for new construction, do the right thing. Go with the **Pro** and do your share.*



**For More Information Call Your Local Distributor:**



***Pro Flo...***  
**GOOD FOR THE ENVIRONMENT!**

FEBRUARY, 2012

## **Pro Flo Aerobic Systems, LP**

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**WE ARE COMMITTED TO QUALITY AND CUSTOMER SATISFACTION.**

[www.profloaerobic.com](http://www.profloaerobic.com)

American National Standard  
NSF International Standard

