

# Reduce plumbing blockages and odors.



## Fine Particle Strainer (FPS)

The Fine Particle Strainer is a high quality, but low cost and low maintenance system that removes 99% of food or organic debris particles from all sink fittings before they pass into the drainage system.

The reduction in solids means dramatically reduced; blockages, foul odor, corrosion, expensive reactive plumbing, high pumping frequency and surcharges from municipal water authorities.

### The Benefits are clear:

- Reduces BOD
- Reduces TSS
- Reduces Plumbing Blockages
- Reduces Odor Problems
- Reduces Corrosion and Acidity
- Reduces High Frequency Pump Outs
- Improves Performance
- Saves Money
- Reduce Fines and Surcharges

### Application examples:

**Food service areas:** Coffee grounds, cake and pastry particles, vegetable particles, rice, corn, peas etc.

**Grocery stores:** Delicatessen, bakery, fish & meat counters

**Hospitals, Dentists:** Plaster cutting and mold materials

**Education:** Arts & craft sinks



### Contact & Order Details:

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# Fine Particle Strainer (FPS)

## Installation and maintenance

### Description

Manufactured from high grade, recycled black plastic using a roto-mold process, the FPS (Fine Particle Strainer) is easily retro-fitted directly between the facility sink and floor drain. As the waste water is discharged from the sink and passes through the FPS, all particles (which can be as fine as individual coffee grounds) are captured and held for easy, clean, manual disposal.



### Installation

Free standing or wall mounted, the FPS has 4 variable position for waste water inlet and outlet connection, (top, rear, side and base) providing easy positioning options.



### Low Maintenance

As waste flows through the FPS an expandable micro-porous filter catches virtually all the debris before the clarified water makes it's way into the drainage systems. The Micro-Filter is changed daily and disposed off into regular garbage collections bin. The Micro-Filter is easily changed by "ANY" member of staff as part of daily best management cleaning practices. The complete process is without the usual unpleasantness of drainage maintenance odors .



### Waste Water Quality

When operated correctly the FPS improves waste water quality and helps to reduce pollutants entering the waste stream. Improvements will be found with reduced Biological Oxygen Demand (BOD) and Total Suspended Solids (TSS). The efficiency of the system helps reduce hydrogen sulfide gas, improve performance of grease traps and interceptors plus reduces foul odors. All of these add up to significant operational improvements and financial savings.

### Physical Dimensions

Height – 13 1/4"

Width – 10 5/8"

Depth – 8 7/8"

Supplied with legs and coupling + 30 day supply of Micro-Filters.