

TrenchPod™

Trench Drain Filter

ENVIROPOD.COM

APPLICATIONS:

» **URBAN PLAZAS,
COMMERCIAL AND
INDUSTRIAL AREAS**

» **MAINTENANCE
YARDS, LOADING
BAYS, AND RAILWAY
YARDS**

» **ROADWAYS AND
FOOTPATHS**

The EnviroPod™ TrenchPod™ trench drain filter combines proven stormwater treatment technology with a modular trench drain design. It is specifically engineered to meet California State Water Board Full Trash Capture (FTC) requirements, preventing trash and gross pollutants from entering downstream stormwater systems.

Designed for retrofit or new construction, the EnviroPod™ TrenchPod™ trench drain filter is compact, easy to install, and simple to maintain – making it a practical solution for municipalities, engineers, and contractors.

» **FULL TRASH CAPTURE
COMPLIANCE**

5mm mesh filter liner meets the California State Water Board FTC definition.

Optional liners and absorbent enhancements.

» **COMPACT & MODULAR DESIGN**

Fits standard trench widths
4.5 to 12" (112–300 mm)

Depth compatibility
4.5" to 16" (112–400 mm)

Standard 3" length segments;
custom units available on request.

» **EASY INSTALLATION**

Lightweight filter element with
liner drops directly into trench
channel. No excavation or hydraulic
modifications required.

» **SIMPLE SAFE MAINTENANCE**

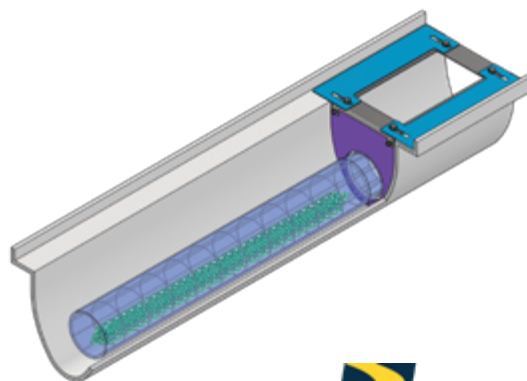
Inspection recommended every
6–12 months, depending on
pollutant load. The filter element can
be lifted out by hand or serviced
using vacuum extraction. Liners and
absorbent enhancements are quick
to replace on-site.

» **DURABILITY**

Constructed from stainless
steel and high-strength plastics.
Interchangeable liners with an
8-year limited structural warranty.
and hydraulically engineered

» **HIGH-FLOW BYPASS**

Maintains trench drain capacity
during heavy rainfall and peak
flow events.



SIZING

Offered in modules to fit trench widths ranging from 4.5 to 12" (112–300mm).

Compatible with typical trench depths ranging from 4.5" to 16", depending on width (112–400 mm).

Custom units available for other sizes.

Standard 3' length segments in a modular design that can be adapted for various layouts.

PERFORMANCE & ROUTING

The 5mm filter liner meets California Water Board Trash Full Capture requirements, with advanced options for smaller particles such as nurdles and sediment.

Optional enhancements include liner variants for targeted sediment or plastic pellet capture or LavaSorb for enhanced hydrocarbon or cooking oil capture.

INSPECTION & MAINTENANCE

INSPECTION:

Every 6–12 months, depending on site conditions and pollutant load.

SERVICING:

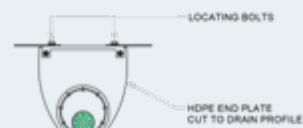
Maintain filter basket manually by lifting by hand or clean with a vacuum truck.

Replace enhancements as required.

RECORD KEEPING:

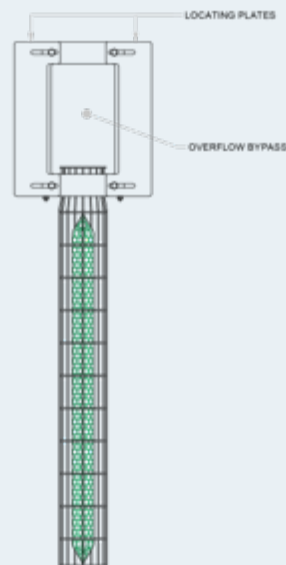
Maintenance records should be retained for compliance reporting where required.

TECHNICAL DRAWINGS



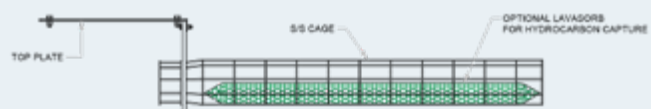
FRONT VIEW

(1 : 8)



PLAN VIEW

(1 : 8)



SIDE VIEW

(1 : 8)

Note: These views are generic representations based on standard trench drain filter configurations. Specific dimensions and configurations may vary.

