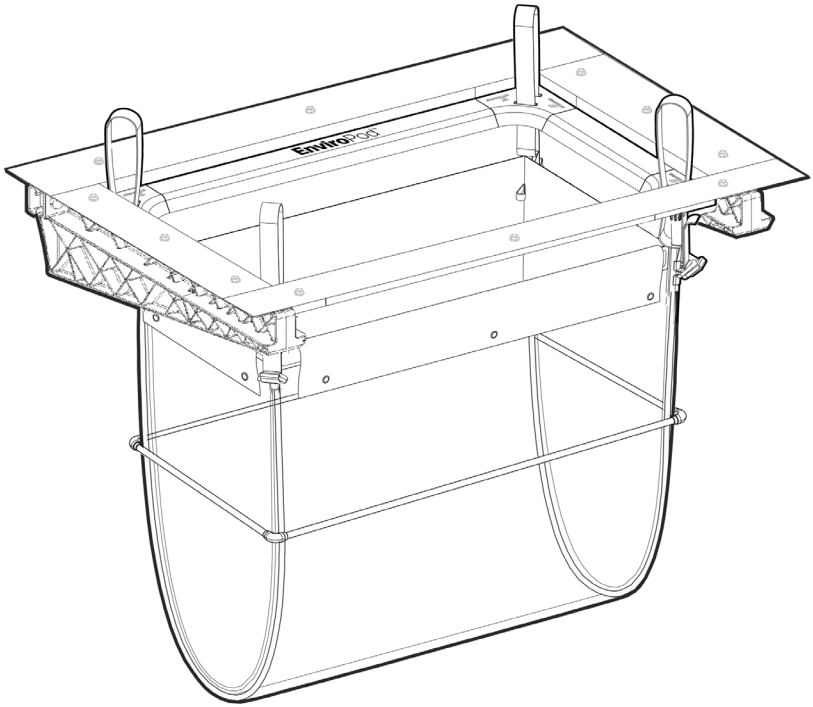
EnviroPod™ 200 Filter

GULLYPIT INSERT FOR REMOVAL OF LITTER AND GROSS POLLUTANTS

INSTALLATION MANUAL



For installation you will need:

- Measuring Tape
- Box Knife
- Rotary Hammer Drill and 10mm Masonry Bit
- Socket Set with 13mm & 17mm Sockets
- Battery Drill/Driver & 8mm Socket Bit

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A STORMWATER360™ COMPANY

WARNING

It is essential to follow any local or national Occupational Health and Safety Laws when installing or maintaining EnviroPod™ Filter. Ensure all required Personal Protection Equipment (PPE) is worn at all times and Traffic Management rules are adhered to.

When maintaining the EnviroPod™ Filter follow all local or national guidelines for manual lifting whenever hand maintenance is actioned.

SITE SAFETY

We recommend checking your local website for a Site Specific Safety Plan before undertaking any installation.

HEALTH AND SAFETY

Personal Protection Equipment (PPE) is required when installing or maintaining a EnviroPod™ Filter. This will mean long sleeves, long pants, Hi–Viz, and closed shoes.

We also recommend the use of gloves when maintaining the EnviroPod™ Filter.

When maintaining the EnviroPod™ Filter by hand it is essential to identify and assess the weight of the captured material before lifting, as weights can vary depending on the filter contents.

For additional advice on the relevant Health and Safety requirements we recommend that you consult your local website.

MAINTENANCE

All treatment devices require maintenance to remove trapped contaminants and prevent overflow bypass or flooding. Due to the variable nature of stormwater pollution and localised site pollutant loadings, maintenance frequencies vary for different sites and different rainfall characteristics. It is recommended to inspect your EnviroPod™ Filter frequently over the first year of operation to determine seasonal and annual maintenance requirements.

The EnviroPod™ Filter should be maintained when it is approximately 2/3 filled with pollutants or if the filter fabric becomes blocked from hydrocarbons, organics or sediment.

Maintenance is carried out by lifting the filter insert out of the frame assembly using 'J' hooks and emptying into a suitable vessel or trailer to be taken away from the site and disposed of appropriately for the contaminants. Please ensure that all care is taken when disposing of litter as the rubbish caught could contain sharp and dangerous objects.

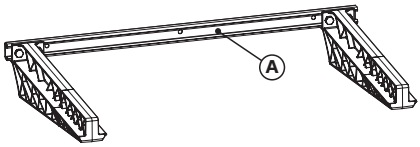
If there are no "J" hooks the bag can be lifted out by the pulling the Filterbag handles. If the filter fabric is clogged, it should be water blasted into a contained vessel prior being fitted back into the frame assembly.

When carrying out maintenance of the EnviroPod™ Filter, it is essential to inspect the overflow bypass slots at the top of the filter insert to ensure no pollutants have been caught and may restrict the flow.

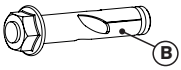
If the EnviroPod™ Filter insert is too heavy to lift by hand, it will need to be maintained using a vacuum inductor truck. When cleaning using a vacuum inductor truck it is essential to take care to not damage the bag from the induction boom. Sediment and pollutants should be vacuum inducted until approx 3/4 empty, and then the remainder lifted and emptied by hand.

SUPPLIED COMPONENTS

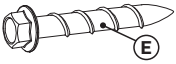
Part A – x1
Bracket



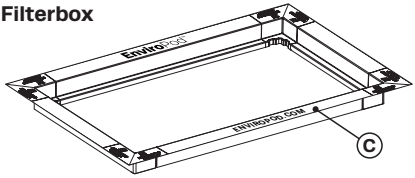
Part B
Masonry Anchor Bolts



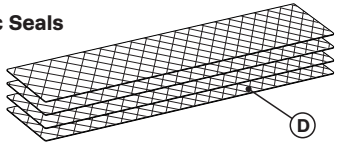
Part E
Self Drilling Hexhead Screws



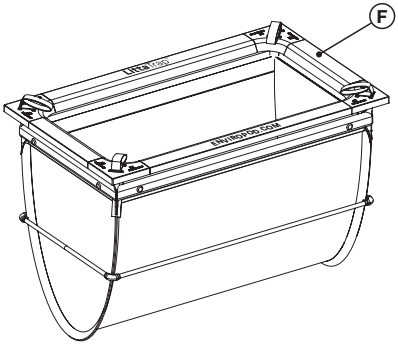
Part C – x1
Filterbox



Part D
Plastic Seals

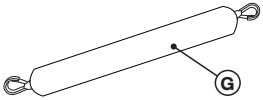


Part F – x1
Filterbag with 200 micron liner

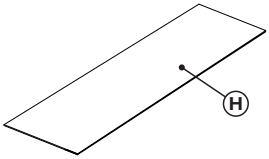


OPTIONAL EXTRAS

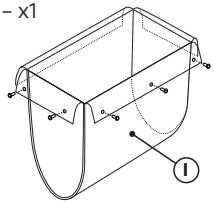
Part G – x1
Oil Absorbant Pouches



Part H – x1
Extension Flap

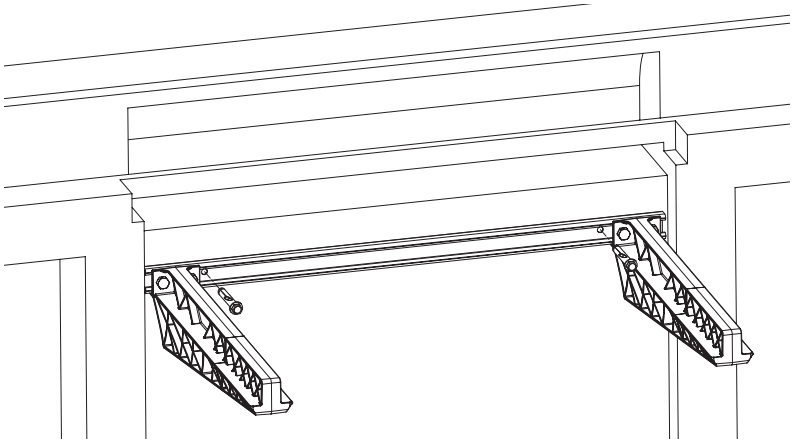


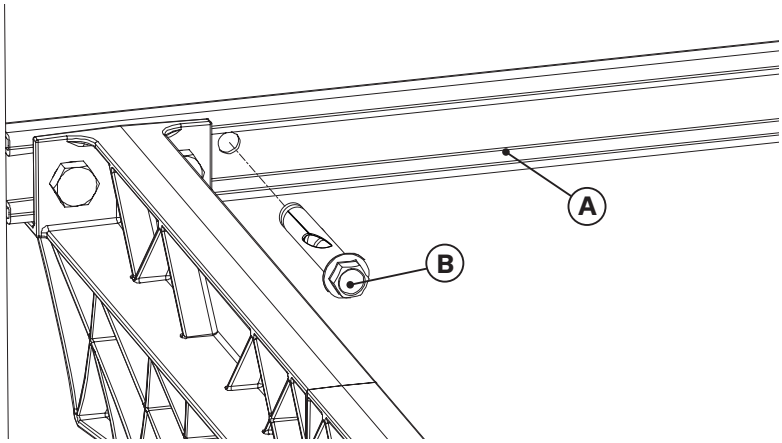
Part I – x1
Liner



BRACKET INSTALLATION

01

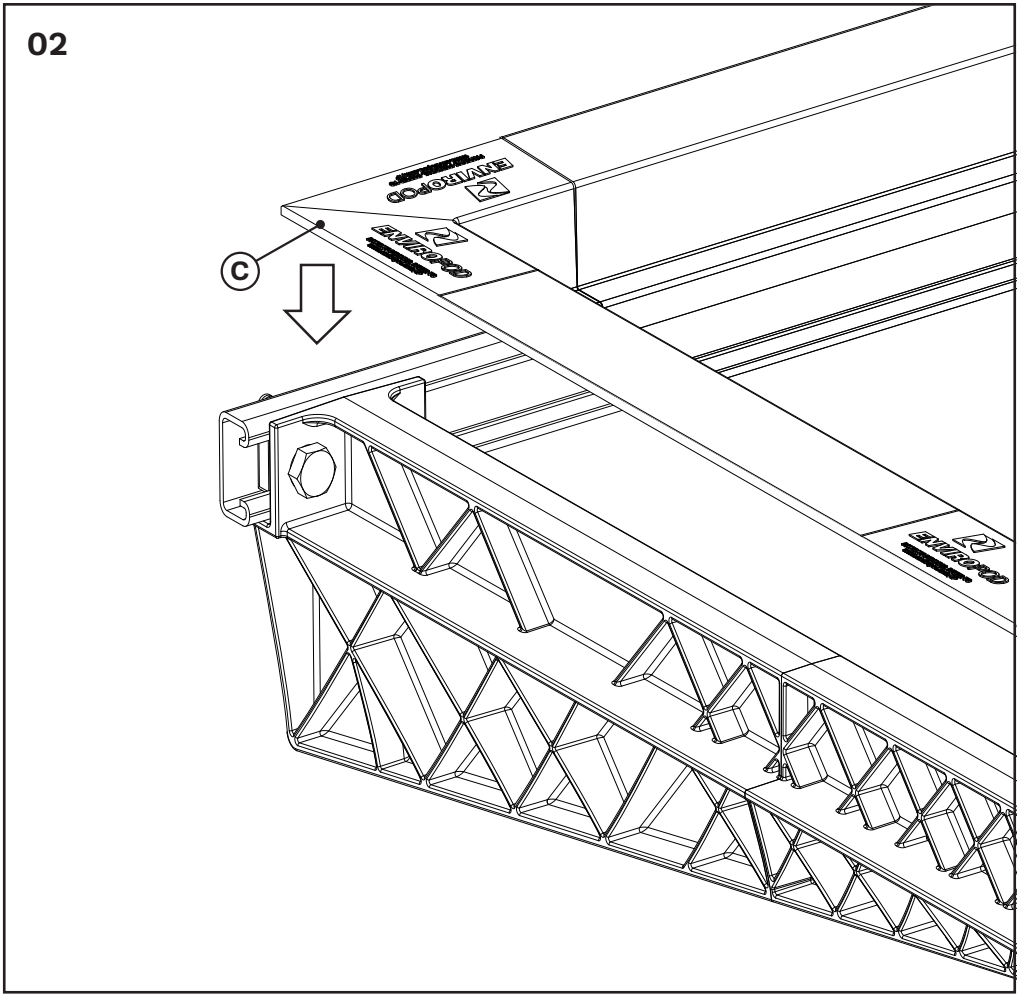




STEP 01

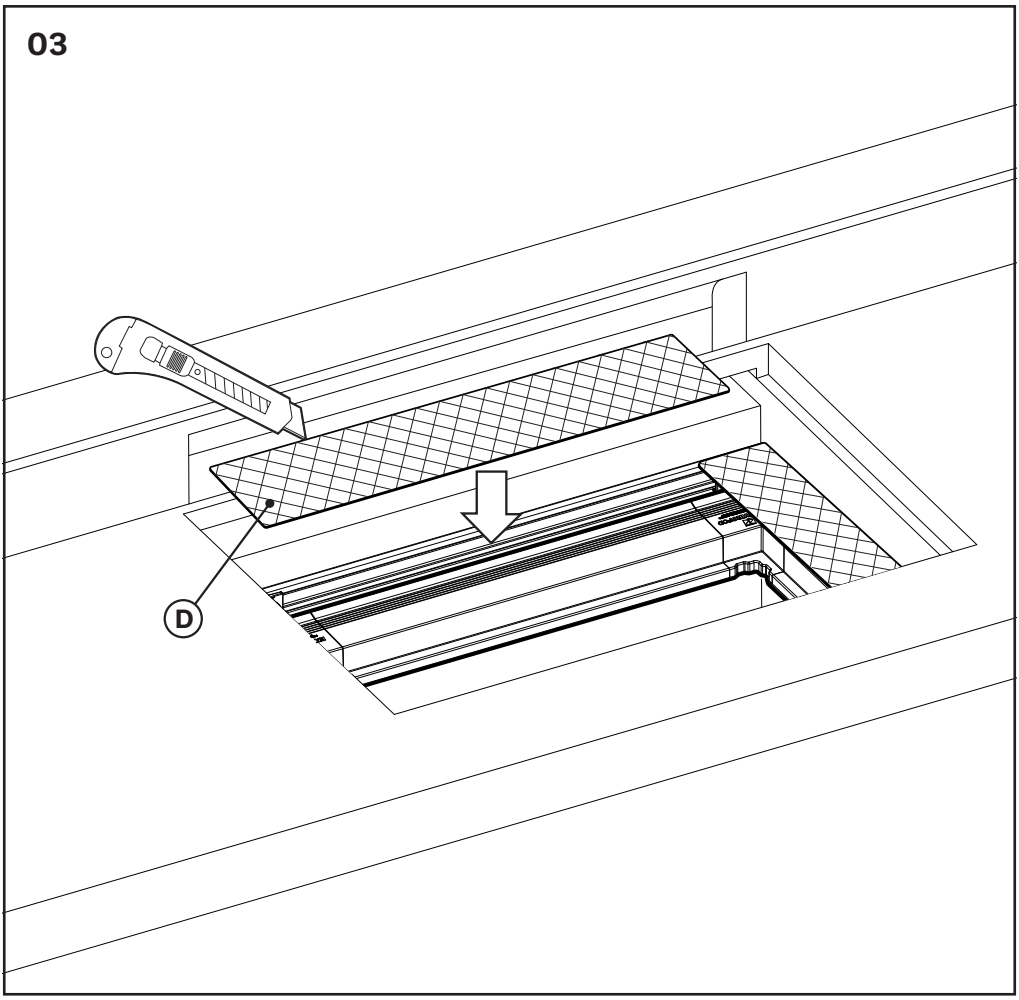
Place the **Bracket** support at approximately 200mm below the grate or low enough to intercept any kerb entry inlet and ensure it is level. Using the **Masonry Drill**, drill holes into the pit wall using the **Bracket** holes as guidelines.

Insert the **Anchor Bolts** and using the **13mm socket**, secure through the bracket into the wall and tighten to secure.



STEP 02

Place **Filterbox** onto the bracket & position below grate opening.

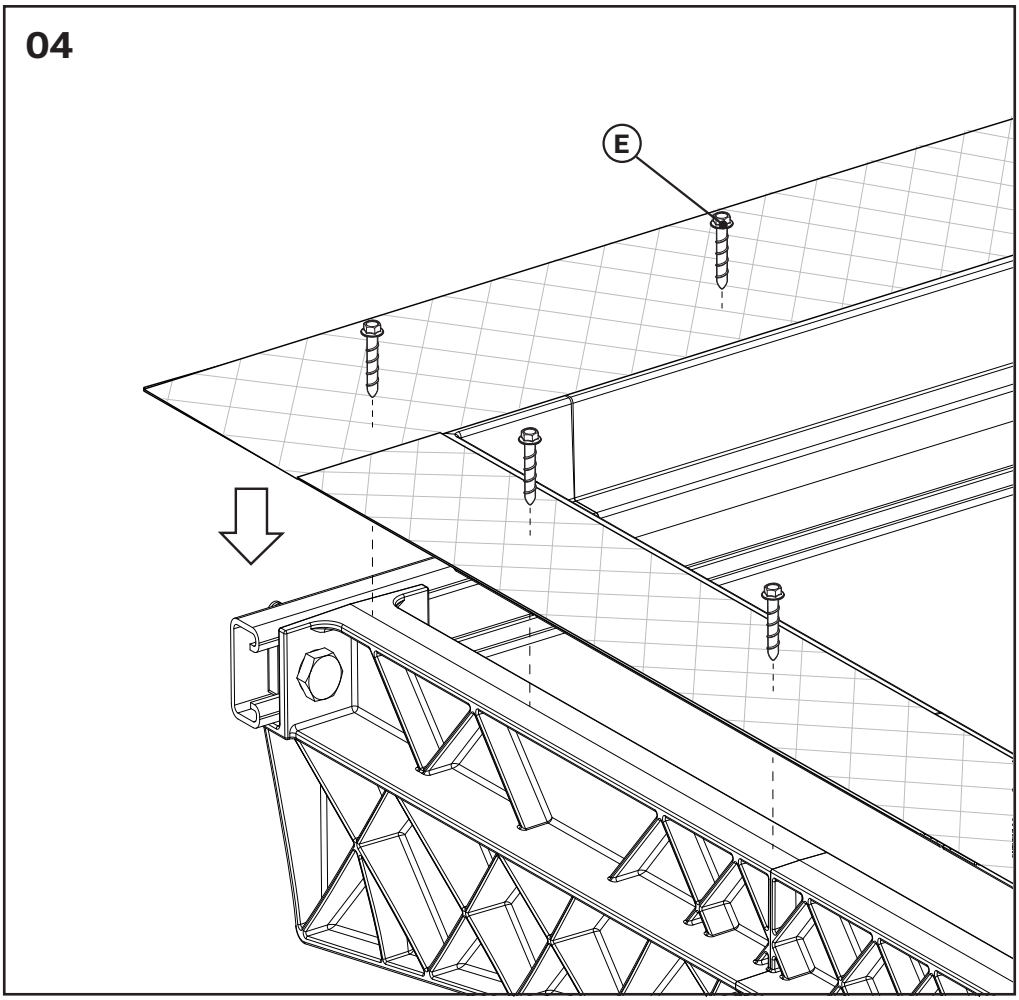


STEP 03

Measure & trim **Plastic Seals** to size with **Box Knife** to seal gaps between **Filterbox** & pit wall.

Make sure the **Plastic Seals** are flush with the **Filterbox** inside edge and do not overlap the inside face.

04

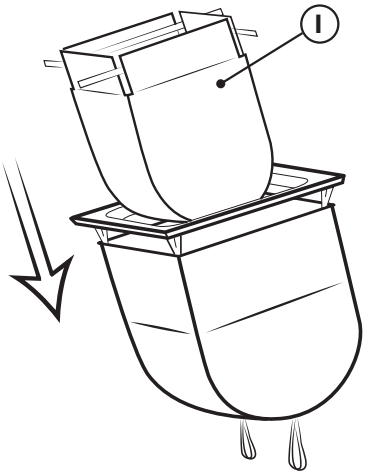


STEP 04

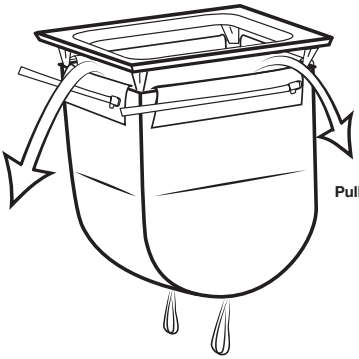
Secure the unit using the **Battery Drill** to screw the **Self Drilling Screws** through the **Plastic Seals** into the **Filterbox** and into **Bracket**. Complete on all sides.

05

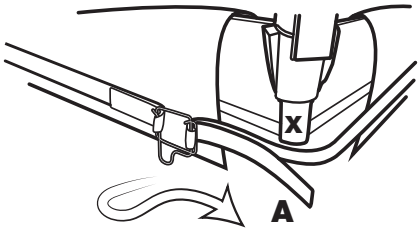
5.1 Insert LinerBag
Check LittaTrap & LinerBag **size** match



5.2 Pull LinerBag flaps through gap
Check LinerBag is **not stressed** in corners and no gaps

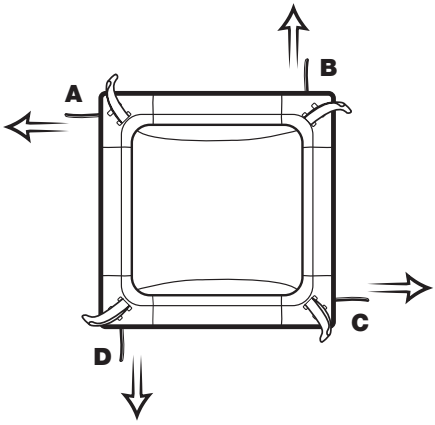


5.3 Thread strap 'A' through buckle (all corners)
Arrange straps **below** plastic corner **peg 'X'**

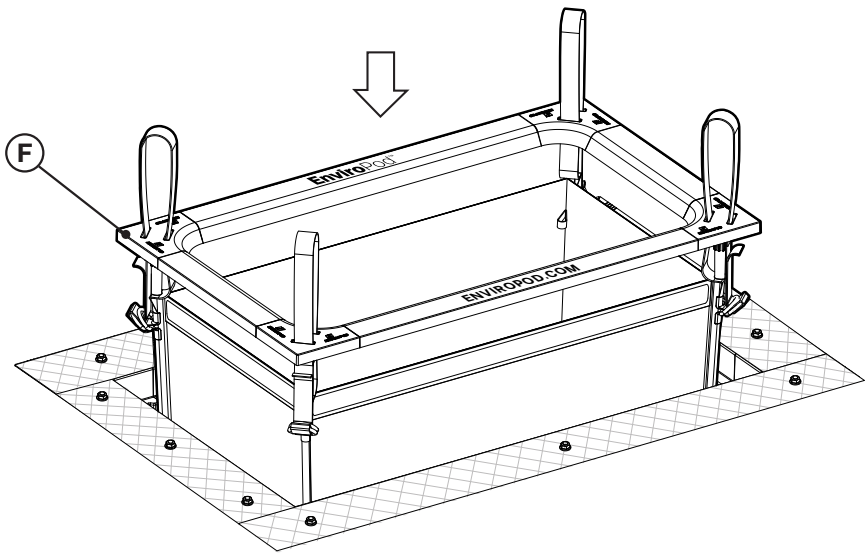


Thread strap through **middle** of buckle
around and **under**, then **pull** tight

5.4 Pull LinerBag straps tight all corners
Check straps are **below** plastic corner **pegs** (fig 3)



06



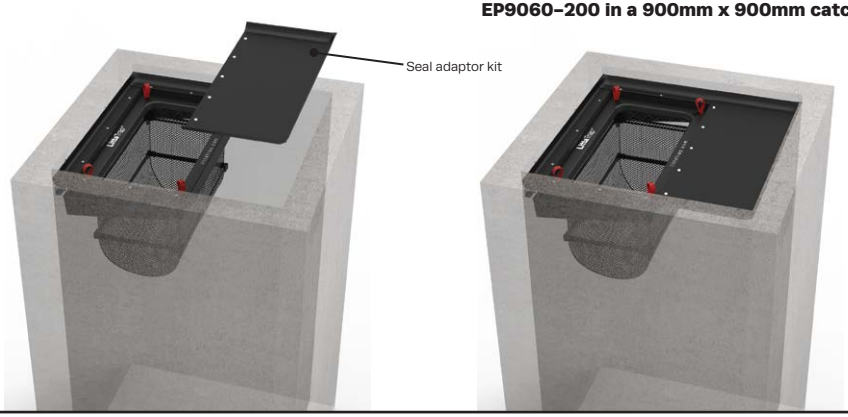
STEP 06

Complete the **EnviroPod** by lowering the complete **Filterbag** into the pit. Reposition & close grate.

SEAL ADAPTOR KIT ASSEMBLY

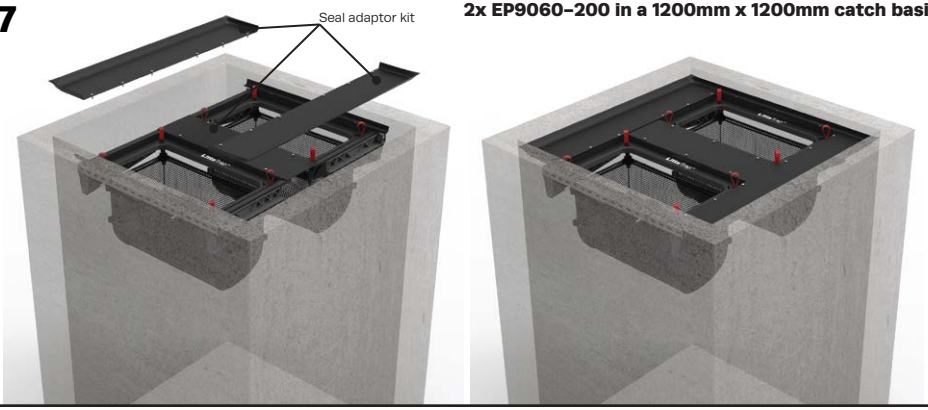
07

EP9060–200 in a 900mm x 900mm catch basin



07

2x EP9060–200 in a 1200mm x 1200mm catch basin



ADDITIONAL STEPS 07

Seal adaptor kits are available for different infrastructure sizes. Above are examples of a **900x900mm** and **1200x1200mm** pit design.