

filter pit™

Product: Filter Pits

Code: TAFP01 – 560mm
 TAFP02 – Junk Basket 560mm
 TAFP03 – Riser 560mm
 TAFP04 – 700mm
 TAFP05 – Junk Basket 700mm
 TAFP06 – Riser 700mm

An in-ground filtering system, screening leaves and debris out of your pipes.



Product Description

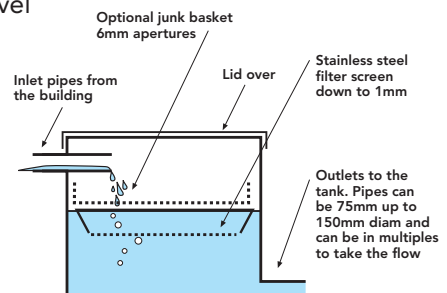
Filter Pits handle large volumes of rainwater and enable screening to be done at a central point in the system. In some cases they can be safer and easier to clean than rain heads fitted at roof gutters.

Filter Pits are extremely beneficial when used in conjunction with underground tanks or where tanks are placed downhill from the building. They are usually placed at a convenient spot in the garden, between the tank and the house. Filter Pits are a 'junction' where the various pipes from around the house meet from which the main pipe or pipes then connect to the rainwater tank.

Features and Benefits

- Convenient location for cleaning
- Beneficial when used in conjunction with underground tanks or where tanks are placed down hill from the building
- Suits a variety of outlets to the tank
– pipes can be 75mm up to 150mm diameter and can be in multiples to take the flow
- Available in two sizes 560mm and 700mm. The size will depend on the amount of pipes entering the pit
- Compact and easy to maintain
- Includes a stainless steel mosquito proof screen (0.955mm aperture) and lid

- Optional junk basket for larger debris removal which incorporates a 6mm aperture stainless steel screen
- Optional height extensions are available to increase the height of the top of the filter pit to ground level



Installation

Filter Pit Systems require a fall between the building and the top of the tank of at least 750mm depending on the distance of the pipe run between where the pipe enters the ground at the building and the tank.

It is important with this system to keep the pipes as close to the top of the ground, at the building, as practicable so as to minimise the depth that the pipe will have to be by the time it reaches the tank, so that a constant fall is retained.

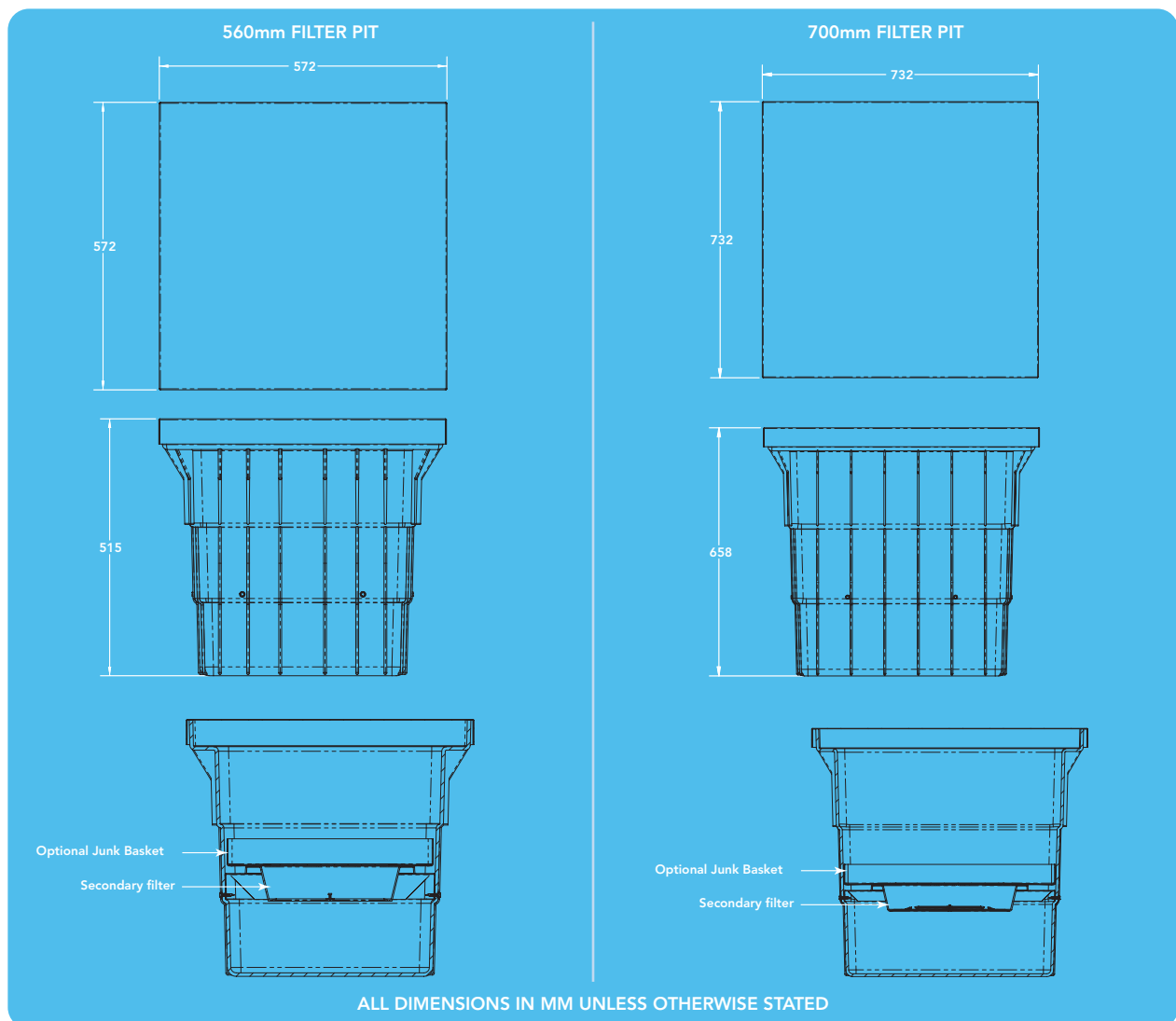
1. Drill hole/s as close to the top of the Filter Pit as possible to take the inlet pipes.
2. Fit a 45 degree bend to the pipe so as to direct the water flow into the first third of the screen.
3. Seal the pipes on the outside with a suitable sealant.

4. Drill the outlet hole/s flush with the bottom of the Filter Pit so that the Filter Pit drains out completely after rain.
5. Seal the pipe on both sides of the Filter Pit before back filling.

IMPORTANT: MAKE SURE THAT THE FINISHED LEVEL OF THE PIT PREVENTS SURFACE WATER ENTERING.

NOTE: A stainless steel mosquito proof screen is pre-installed in the Filter Pit. An optional Junk Basket for larger debris is available for purchase.

If required risers (height extensions) are available to increase the height of the top of the pit.



Maintenance

Regularly clean the stainless steel filter screen and optional Junk Basket if installed.