

filter pit™

Product: Filter Pits

Code: TAFP01 – 22"
TAFP02 – Junk Basket 22"
TAFP03 – Riser 22"
TAFP04 – 27.6"
TAFP05 – Junk Basket 27.6"
TAFP06 – Riser 27.6"

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



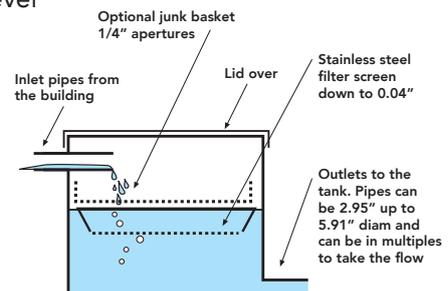
Product Description

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/cisterns or where tanks/cisterns are placed downhill from the building. They are usually placed at a convenient spot in the garden, between the cistern 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 cistern.

Features and Benefits

- Convenient location for cleaning
- Beneficial when used in conjunction with underground tanks or where tanks/cisterns are placed down hill from the building
- Suits a variety of outlets to the tank – pipes can be 3.5" up to 6.6" outside diameter and can be in multiples to take the flow
- Available in two sizes 22" and 27.6". The size will depend on the number of pipes entering the pit
- Compact and easy to maintain
- Includes a stainless steel mosquito proof screen (1/32" aperture) and lid
- Optional junk basket for larger debris removal which incorporates a 1/4" aperture stainless steel screen
- Optional riser (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 29.53" 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, as practicable (at the building) so as to minimize the depth that the pipe will be by the time it reaches the tank, and so that a constant fall is retained.

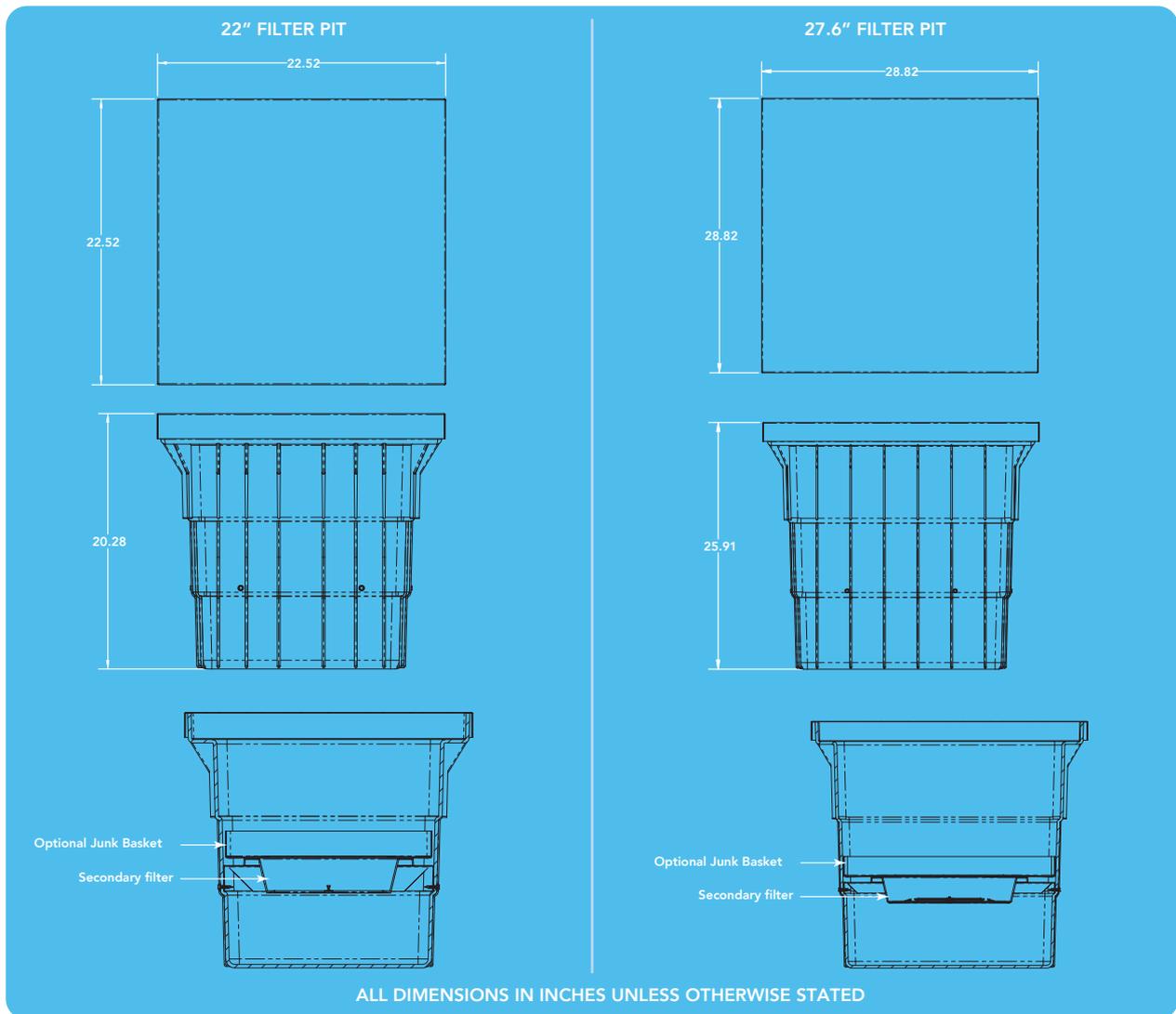
1. Drill hole/s as close to the top of the Filter Pit as possible to take the inlet pipes.
2. Fit a 45 degree bend to the pipe so as to direct the water flow into the first third of the screen.
3. Seal the pipes on the outside with a suitable sealant.

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 preinstalled 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.

DISCLAIMER This product specification is not a complete guide to product usage. Further information is available from Rain Harvesting Pty Ltd and from the Installation and Operating Instructions. This specification sheet must be read in conjunction with the Installation and Operating Instructions and all applicable statutory requirement. Product specifications may change without notice. © Rain Harvesting Pty Ltd.