

Distribution Boxes are used to split the effluent evenly into each trench of the percolation area from secondary treatment systems and septic tanks. Ash Environmental supplies the Tuf-Tite® Distribution Box shown here with riser and tough domed lid and adjustable weirs.

4 Hole Distribution Box with adjustable weirs.

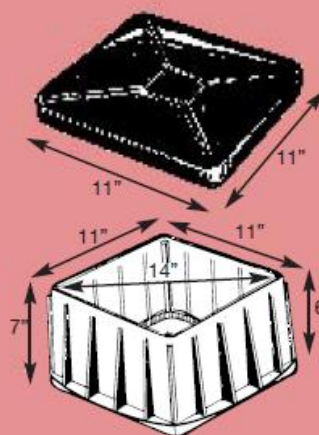
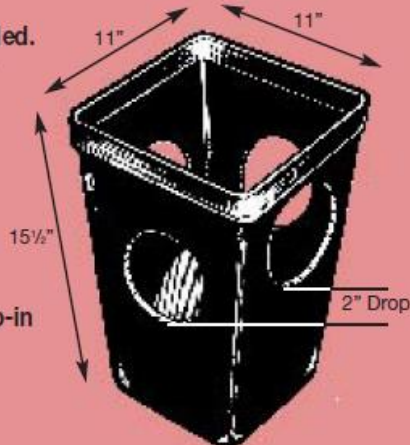


4 hole (3 outlet) D-boxes with weirs, riser and lid

- Injection molded. Exceptionally strong.

- HDPE is non-corrosive in a septic environment.

- Patented snap-in pipe seals simplify installation.



Interlocking Lid. Heavy-duty HDPE Lid is ribbed for added strength and rigidity. Slotted sides interlock on the Distribution Box to assure a tight fit.

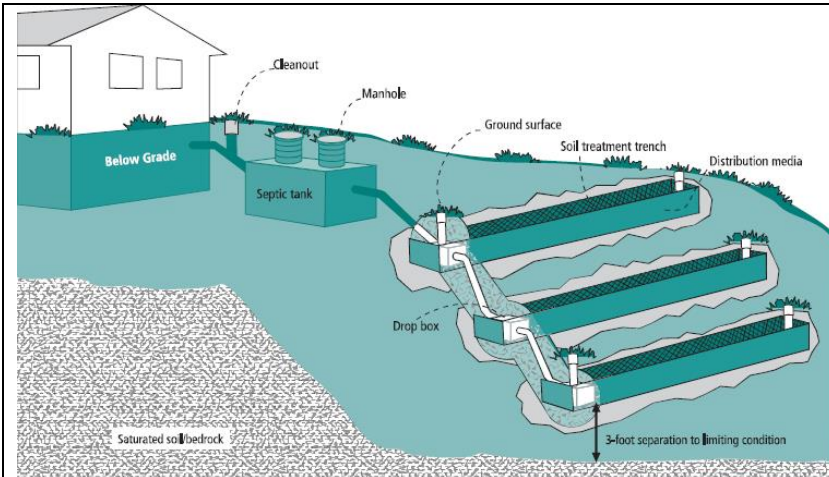
The 4HD2 Distribution Box comes complete with a Regular Lid or an Inspection Port Lid, and 5 snap-in fittings of your choice.

Model B1 Riser. For series B1 Box. Stackable HDPE Risers extend to grade in 6" increments. Accept 11" x 11" lids and grates.

Drop Boxes

Drop Boxes are used to distribute effluent through serial distribution to trenches in a soil percolation system. They can be used on sloping or level sites and allow for flexibility in the number and length of trenches. There is no maximum slope of site where they can be used and they allow for quick inspection of flows to the trenches.

"Serial distribution is highly recommended in gravity flow trenches whenever possible as it encourages biomat formation and unsaturated flow." (University of Minnesota)

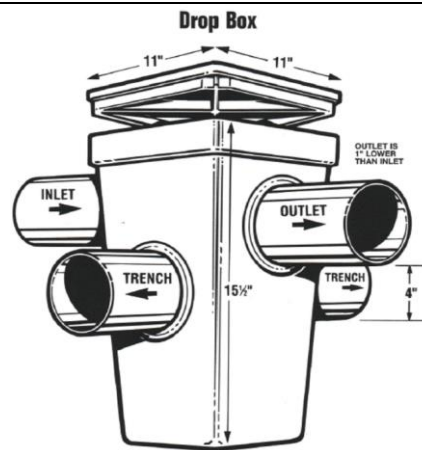


Drawings courtesy of University of Minnesota

How it works:

- Septic tank effluent flows into the first trench until effluent levels rise to trench capacity.
- The effluent flows into the second trench until it, too, reaches capacity, then into the third as required.
- Trenches function independently, each receiving effluent at the rate it is accepted in that trench.
- No need for even trench lengths.

- Made using Injection-moulded HDPE
- Non-corrosive
- Simple to install
- Easy to level
- Snap in pipe seals
- Other sizes available



INSTALLATION IS

SIMPLE Position the Drop Box on level compacted soil or stone. Install the inlet and outlet pipes. Be sure the bottoms of all pipes rest on compacted soil.

1. Level the Drop Box and all pipes.
2. Backfill the pipes to within two feet of the Drop Box.
3. Recheck the level of the box, then backfill up to the top lid ridge.
4. Place lid on the Drop Box and finish backfilling by hand and landscape.

Benefits:

- Drop boxes can be used on level or sloping sites
- Can be used on steeper slopes than most other distribution methods
- No maximum slope limit
- Simple and efficient distribution
- Quick and easy inspection of boxes
- No standing effluent in solid pipe between septic tank & drop boxes
- Can be used for effluent sampling

