

Non-pressure-hole distribution box



Article Overview

A non-pressure-hole distribution box evenly distributes effluent from a septic tank to a leach field without requiring pressurized piping or sealed outlets.

Overview

A non-pressure-hole distribution box (D-box) is a key component in septic and wastewater systems. Its primary function is to divide effluent evenly from the septic tank to multiple leach field lines, ensuring uniform soil absorption and preventing system failure due to uneven distribution. Unlike pressure distribution systems, it does not rely on pumps or pressurized pipes; instead, gravity and proper leveling control the flow.

Materials and Construction

Non-pressure D-boxes are commonly made from:

- Precast concrete: Durable and strong, often tested to ASTM standards for quality and strength.
- High-density polyethylene (HDPE): Lightweight, non-corrosive, and easy to handle, with twist-lock or low-pressure pipe seals for secure connections. These boxes typically feature inlet and outlet elevations designed to maintain equal flow to all discharge pipes. Some models include Dial-A-Flow™ risers or adjustable access points for leveling and inspection.

Installation Considerations...

Article Content

PASSIVE DISTRIBUTION BOXES

Murrelektronik's passive distribution boxes provide a much more convenient method for connecting sensors and actuators to the

Amazon : Septic Distribution Box

Outfit your septic system with a high-quality distribution box. Find 4, 6, 7, or 9-hole options with lids and drainage features to meet

Distribution Boxes

Distribution Boxes Septic distribution box is a container used to receive septic system effluent from a septic tank and to re-distribute

Distribution Boxes

We use Polylok © Low Pressure Pipe Seals in our distribution boxes. These seals require no sealing or mortaring, and accept pipe

Polylok Distribution Boxes

Polylok, Inc. is an international supplier for the precast concrete and onsite wastewater industries, producing high-grade septic tank

20" Round Distribution Box (8 Hole) Kit

The 6-hole box and 7-hole boxes also have the option of using 6" pipe. The seals automatically included

Septic Distribution Boxes

Plastic septic distribution boxes are light weight for easy installation and provide longer life when compared to concrete. Shop our

Distribution Box

Distribution Box Space and cost saving solution Amphenol LTW's distribution boxes facilitate efficient cable management, easy

20" Round Distribution Box (8 Hole) Kit

The 20" distribution box is the best solution for any situation, small or large. They are used in homes, golf

Polylok 20" Distribution and Valve Box (8 Hole, 7 Hole, 6 Hole)

We have the solution to all of your onsite needs with our 20" Distribution Box! This box is great for large or small applications. No

Polylok 7-Hole Distribution Box with Solid Cover

The Polylok distribution boxes are the most versatile boxes on the market today. This Polylok 7-Hole Distribution Box comes

6-Hole Septic System Distribution Box Kit with Lid and Seals

VPC septic system distribution boxes allow you to customize your septic system. Featuring a versatile HDPE design that is resistant

Comprehensive Guide to Installing a Septic Distribution Box

Learn how to install a septic distribution box with step-by-step instructions, tips, and essential maintenance advice.

6-Hole Distribution Box

In a septic environment, no other material can match High Density Polyethylene in delivering a lifetime of trouble-free service. Tuf

Distribution Boxes

Polyethylene 6 Hole and 8 Hole Distribution Box (D-Box) For Septic Drain Fields
Specifications Model no. 6/4/3 (6 hole): 23½" L x

Septic & Sewer

Tuf-Tite 9-Hole Distribution Box comes complete with a lid and your choice of 9 Pipe Seals. Enter the list of your 9 included seals in

4" Distribution Box (HDPE Single Wall Miscellaneous Fittings)

The hillside distribution box diagram shows the inlet-external press fit into 4" smooth wall, various dimensions of each section, outlets

Septic Distribution Box | Distribution Box | Tank Depot

Efficiently distribute wastewater with a septic distribution box. Find reliable options at Tank Depot and shop now to maintain optimal

DISTRIBUTION BOX (D-BOX)

DISTRIBUTION BOX (D-BOX) — FOR SEPTIC DRAIN FIELDS NOTE: Not for use in pumped or pressure systems. 6 hole 8 hole (5

Distribution Boxes

Precast concrete distribution boxes are available in 5 sizes, small, medium, large, extra large and commercial. H-20 distribution

Septic Distribution & Drop Boxes | Tuf-Tite

The Tuf-Tite ® distribution boxes, drop boxes, and accessories deliver unmatched durability, leak-proof connections, and exceptional

DISTRIBUTION BOXES

American Distribution Boxes are made of high-density polyethylene for years of dependable use. They are non-corrosive, strong, and

STAR™ Monster D-B

Available with no holes pre-drilled. 12-Hole Distribution Box. Quick & easy pipe seals secured with threaded nut. New design allows

Passive Distribution Box_Product Category_Products_ELCO

Built with robust housings for reliable dustproof and waterproof protection, these distribution boxes ensure dependable performance

Septic Distribution Boxes

Septic Solutions offers the Polylok HDPE (High Density Polyethylene) Septic Distribution Boxes for sale. These distribution boxes are

Contact Us

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