

TRENCHDUCT

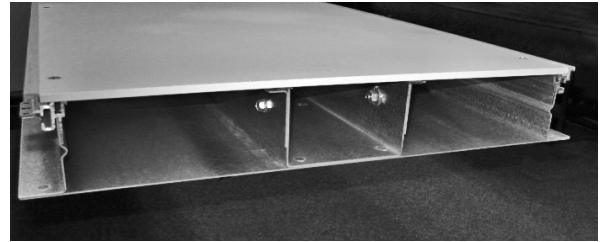
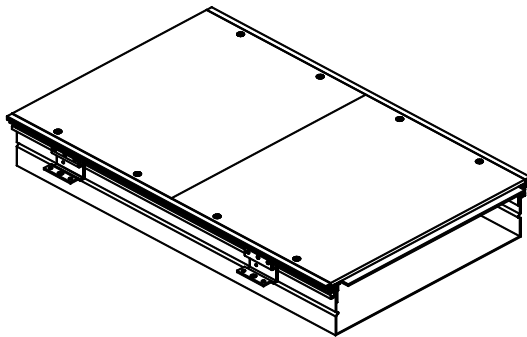
Trenchduct is a large capacity feeder system used to distribute power and / or communications services in an open space environment.

For large capacity, easy installation and future flexibility, Trenchduct is the feeder system of choice for infloor distribution raceways. Trenchduct provides for easy lay-in installation of wires and cables.

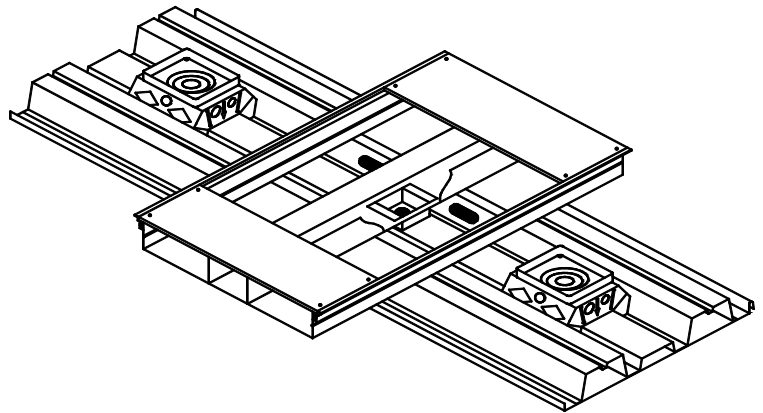
All Trenchduct products are UL Listed to U.S. and Canadian safety standards.

CODE REFERENCE

cULus Listed Cellular Metal Floor
Raceway & Fittings:
File E26663 Guide RINV
Meets Article 390 of NEC

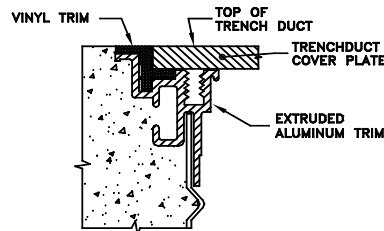


Trenchduct can be used as a feeder system for all of "Cordeck Building Solutions" Infloor Systems.

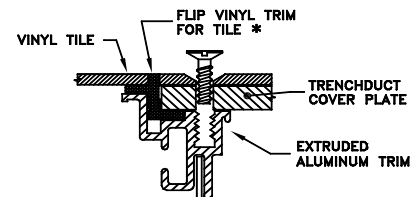


Body and Cover Assembly - Flush floor raceway with removable steel cover plates. Cover plate is standard 1/4" [6.35mm] thick. 3/8" [9.5mm] steel plate is available for heavy duty application. Length, width, and depth represent outside cover plate and body dimensions. The interior size of the Trenchduct bodies is always 13/16 [21mm] narrower than the cover plate. The interior depth of the Trenchduct body should be reduced by the thickness of the cover plate depth provided. Trenchduct body is standard 16 gauge steel and heavier gauge, 14 and 12 gauge are available for heavy duty applications such as casinos. Vinyl trim and leveling screws are included. For tile applications aluminum trim is recommended. Trenchduct can be leveled up to screed depth using leveling screw and support coupling up to 3/4" [19.1mm]. Consult Cordeck for custom sizes.

Trenchduct Crossover Feeds into Cellular Deck



CONCRETE FINISH
Vinyl Trim for Carpet Remains in Flush Position



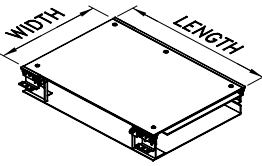
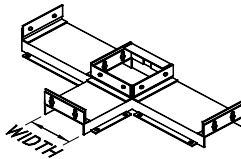
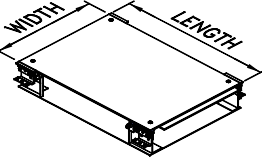
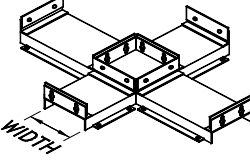
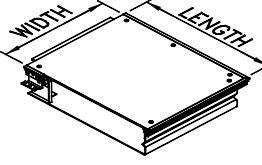
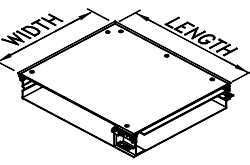
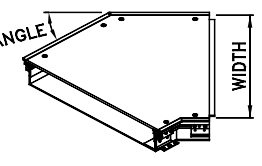
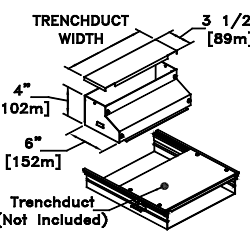
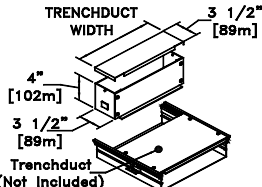
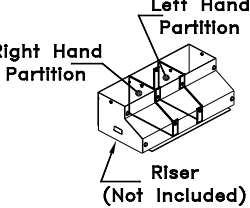
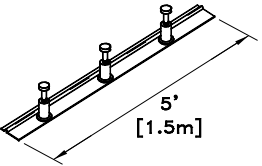
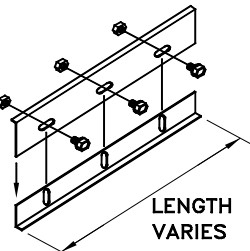
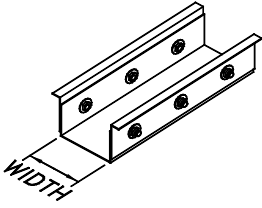
* = ALUMINUM TRIM IS AVAILABLE FOR TILE


TILE FINISH
Vinyl Trim is Flipped

Features & Benefits

- Large capacity. Trenchduct is designed to meet large capacity requirements for single or multiple service systems.
- Flexible construction. Trenchduct width, depth, number of compartments and compartment widths can be designed to meet specific job requirements.
- Covers are relocatable to any location along the Trenchduct. Eliminates the need to mark and reinstall cover plates in original locations.
- Stainless steel cover and hold-down screws provide absolute ground continuity, and keeps cover plates secure and quite.
- Dual prepour adjustment. Trenchduct can be leveled to the screed depth using the leveling foot or coupling up to 3/4" [19.1mm].
- No weld construction. Makes field modifications simple and easy. Coupling is simplified with the Side Rail Combination Clip Assembly.
- Reversible tile trim supplied with standard assemblies. Trim is reversed to expose tile trim leg eliminating the need for additional parts.
- Future needs can be met without disturbance to flooring. Simply remove cover plates to make wiring changes and additions as required.

Trenchduct Components & Fittings

PART	DESCRIPTION	PART	DESCRIPTION																												
	T - UNIT - Used to connect intersecting runs of Trenchduct at 90° angles on three sides. Length, width, and depth are as specified. Closed side is length. Use partition or tunnel to separate services (ordered separately for standard product).		T - UNIT TUNNEL - Used to separate three services within T-unit. Field attached to base of Trenchduct with screws or welds. See Power U-channel this page for width of power compartment. Not available for 6" [152mm] wide Trenchduct.																												
	X-UNIT - Used to connect intersecting runs of Trenchduct at 90° angles on all four sides. Length, width, and depth are as specified. Use tunnel and partition as needed to separate services (ordered separately for standard product).		X - UNIT TUNNEL - Used to separate three services within X-unit. Field attached to base of Trenchduct with screws or welds. See Power U-channel this page for width of power compartment. Not available for 6" [152mm] wide Trenchduct.																												
	LEFT HAND HORIZONTAL ELBOW - Used to change direction of Trenchduct run 90° to the left. Length, width, and depth are as specified. Use partition to separate services (ordered separately for standard product).		RIGHT HAND HORIZONTAL ELBOW - Used to change direction of Trenchduct run 90° to the right. Length, width, and depth are as specified. Use partition to separate services (ordered separately for standard product).																												
	45° MITERED HORIZONTAL ELBOW - Used to change direction of Trenchduct run 45° in either direction. Length, width, and depth are as specified. Use partition to separate services (ordered separately for standard product).		SWEEP VERTICAL RISER - Used to transition from Trenchduct into perpendicular Riser Extension to panel above. Included removable cover plate. NOTE: To continue separation / partition from Trenchduct, use Riser Partition (ordered separately).																												
	STRAIGHT VERTICAL RISER - Used to transition from Trenchduct into perpendicular Riser Extension to panel above. Included removable cover plate. NOTE: To continue separation / partition from Trenchduct, use Riser Partition (ordered separately).		SWEEP VERTICAL RISER PARTITION - Used to separate services in riser. Number of compartments in riser to match Trenchduct. (3 Compartment Riser Shown)																												
	SUPPORT STRIPS - Used to provide strength to support cover plate. Required for clear spans of 16" [406mm] or greater, or when heavy loads will be used.		BOLTED ADJUSTABLE PARTITION - Used to separate Trenchduct and fitting into two or more compartments. Allow 3/4" [19.1mm] upward adjustment. Field installed to base of Trenchduct or top of deck with welds or screws (screws are not to penetrate Cellular Deck Raceway). Available in varying lengths. Field modified for use in T-units, risers, and elbows.																												
	POWER U-CHANNEL - Used to provide separation of power wires and low voltage wires.																														
<table><tr><td>TRENCH WIDTH</td><td>12"</td><td>18"</td><td>24"</td><td>27"</td><td>30"</td><td>36"</td></tr><tr><td></td><td>[305mm]</td><td>[457mm]</td><td>[610mm]</td><td>[686mm]</td><td>[762mm]</td><td>[914mm]</td></tr><tr><td>POWER U-CHANNEL</td><td>3 1/2"</td><td>4"</td><td>5"</td><td>5 1/2"</td><td>6 1/2"</td><td>8"</td></tr><tr><td></td><td>[89mm]</td><td>[102mm]</td><td>[127mm]</td><td>[140mm]</td><td>[165mm]</td><td>[203mm]</td></tr></table>				TRENCH WIDTH	12"	18"	24"	27"	30"	36"		[305mm]	[457mm]	[610mm]	[686mm]	[762mm]	[914mm]	POWER U-CHANNEL	3 1/2"	4"	5"	5 1/2"	6 1/2"	8"		[89mm]	[102mm]	[127mm]	[140mm]	[165mm]	[203mm]
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KAM Industries, Ltd. d/b/a Cordeck

NOTE:

1. For "Trenchduct Capacities" contact Cordeck.



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