



## FIRE-RATED CABLE PATHWAYS

SELF-SEALING FIRE AND SMOKE DEVICES FOR FLOOR AND WALL PENETRATIONS



EZ-Path FIRE-RATED CABLE MANAGEMENT SOLUTIONS

# ZERO-MAINTENANCE

## NOTHING TO ...

ACTIVATE REMOVE REPLACE ADJUST OPEN CLOSE OR TIGHTEN

Just Set It & Forget It - The EZ-Path® fire-rated pathway is the only zero maintanence cable pathway with an internal self-sealing mechanism that automatically adjusts to the cable load. The EZ-Path® device is a totally sustainable solution for the life cycle of a building that allows cables to safely penetrate fire-rated walls and floors to help stop the spread of fire, smoke and toxic gases.

100% CODE COMPLIANT 100% OF THE TIME

## The Ultimate in Flexibility

## **Adapts** to Any Condition

For walls and floors in new construction, remodels or existing retrofits, the EZ-Path® system offers you hundreds of configurations with the versatility of numerous standard and custom options to grow with your needs.



EZ-Path" Series 44+ Split Wall Plate Kit for retrofit applications

## Flexible Configurations

The EZ-Path® system offers a complete line of vertical or horizontal solutions for a wide variety of standard and custom solutions. Extensions can be used for thicker walls and multi-ganged plates for increased capacity, delivering a complete mechanical solution.

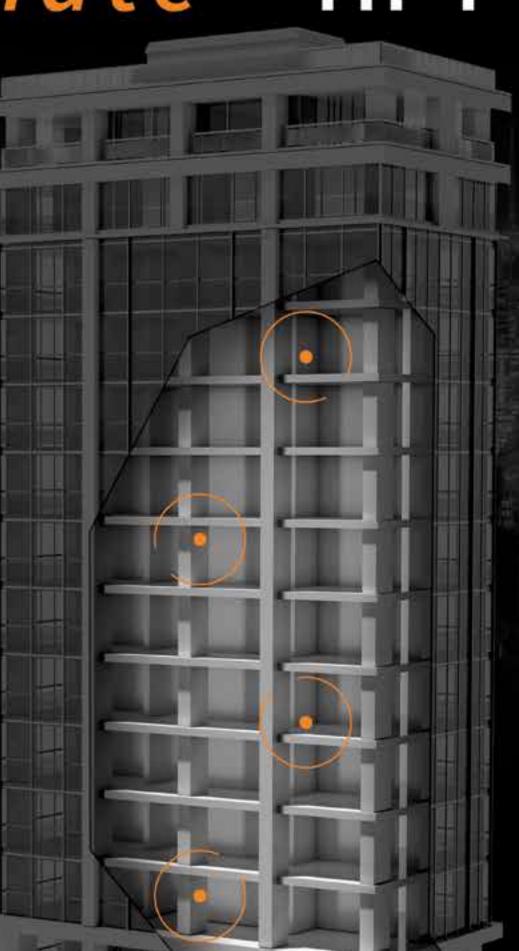


EZ-Path® Extension Module

From modular floor systems, multi-ganged wall units, plate kits and grids to custom configurations, you can count on the EZ-Path\* system to provide the complete cable management solution.



EZ-Path" Multi-Ganged Kit



## MAC Work Made Easy

The EZ-Path® system works in both rated and non-rated barriers to simplify inevitable and reoccurring Moves Adds & Changes (MAC). Pull lines can be left inside the devices so that cable can be added through multiple barriers and from remote locations at any time without needing to remove or reinstall firestopping materials.



The EZ-Path\* system is the only fire-rated pathway designed for remote cable pulls

## Compliance You Can See

These factory-engineered devices simplify installation for the end-user and make cable management systems more visibly compliant during inspections. They are FM Approved and UL Certified, thereby fully compliant with NFPA 101 Life Safety Code® and other building and safety codes.

Once installed, the zero maintenance EZ-Path devices are always compliant and never need to be touched again. This means that over the life cycle of the EZ-Path system, the devices won't disturb the environment of care or disrupt the physical atmosphere.



The EZ-Path\* system is always compliant 100% of the time

## FROM 5,000 CABLES TO 1

Rated & Non-Rated Construction | New & Existing Conditions



EZ-Path" Series 44+ Multi-Gang Wall Plates

## SOMETHING

## FOR EVERYONE

### Don't Pop that Ceiling Tile

#### For the Health Care Professional...

Infection control is paramount in healthcare facilities. The EZ-Path® system minimizes the spread of hospital-acquired infections (HAIs) by reducing or eliminating trips above your drop ceiling to unseal, reseal, or adjust equipment of any kind. Pull lines can be left in place and cable can be remotely pulled through multiple barriers at once. Other than at the beginning and end of the pull, no direct access is required. No other product delivers this critical feature. So don't risk the potential spread of infection, disrupt patient rooms, or upset the work flow of life safety professionals – Endorse the EZ-Path® system in your health care facility.

### Pays for Itself

#### For the Owner...

The EZ-Path" system eliminates downstream labor costs by allowing the use of pull strings inside the EZ-Path" devices, permitting easy cable MAC work from remote locations and saving time, money and effort over the life cycle of the building. Your investment is always being protected by the most reliable fire-rated pathway and the only zero-maintenance device on the market. With other cable sleeves, you continue to pay every time you make a cable change.

### **Designed for Designers**

#### For Architects, Consultants, Specifiers and RCDDs...

The EZ-Path\* system provides you with a complete solution to help protect the legacy of your project. Whether it's the engineered aesthetics, the robust design, the dynamic features, the ability to "future-proof" the design, or the unparalleled performance, the EZ-Path\* system has you covered. The versatility and breadth of the line adapt to any condition, offering you a factory-engineered solution for rated and non-rated barriers.

#### **Protect Your Network**

#### For the Cable Installer and IT / ICT Professional...

Recognized as best practice by trade professionals, the EZ-Path® system protects your network. It helps you maintain compliance while navigating the demands of perpetually evolving floor, wall, and ceiling penetrations that result from equipment expansions and technology upgrades. Easy to install with nothing to maintain, the EZ-Path® system lets you execute continuous cable pulls while allowing your network to run at peak performance.

## Just Set It & Forget It

#### For Contractors and Maintenance Professionals...

Concerns about failing inspections become a thing of the past with the EZ-Path\* system. Just set it and forget it. There is nothing more to activate, adjust or tighten to ensure 100% code compliance. The system is easy to visually inspect, bringing you peace of mind, and is ideal for both new construction and existing conditions.

## The Payback... The ONLY Cable Pathway that Pays for Itself

With other firestopping methods, you continue to incur fire or smoke sealing costs every time you make a cable change. Only the EZ-Path\* system completely removes labor costs related to sealing, unsealing, and resealing cable penetrations.

Every cable change increases your savings!



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EZYPath®

SMOKE & ACQUISTICAL PATHWAY

Another Zero-Maintenance
Cable Management Solution

**The Perfect Complement** for Easy Moves, Adds and Changes in Smoke & Acoustical Partitions & Non-Rated Construction

US Patent 9,046,194 - Others Pending

The EZ-Path® Smoke & Acoustical Pathway is plenum-rated and can be used throughout non-rated barriers, including smoke partitions and non-fire-rated construction. It's designed for new or existing cable installations through walls and floors up to 8 inches (203 mm) thick. When used in tandem with the fire-rated EZ-Path® pathway, the system allows for even easier remote cable pulls through multiple barriers without the need to remove or replace sealant, putty, or foam, or open and close a sleeve.

- Eliminates Metal Sleeves
- Easy to Install

• Excellent Smoke and Acoustical Performance



## **Smoke Sealing** - Cable Penetrations

Maintaining firestopping isn't enough... You MUST also maintain smoke sealing!

#### NFPA 101: LIFE SAFETY CODE. NFPA 101 STATES THAT BARRIERS MUST BE PROTECTED AT ALL TIMES:

8.5.6.2 Penetrations for cables, cable trays, conduits, pipes, tubes, vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a wall, floor, or floor/ceiling assembly constructed as a smoke barrier, or through the ceiling membrane of the roof/ceiling of a smoke barrier assembly, shall be protected by a system, or material capable of restricting the transfer of smoke.

As stated in NFPA 101: *Life Safety Code* Section 8.5.6.2, firestop devices shall restrict or limit the transfer of smoke. The EZ-Path® system is the only device that performs this 100% of the time. Devices that utilize foam closure plugs, putty seals, or constrictive-twist-sleeves that can be left open (whether unintentionally or not) may not comply with NFPA 101.

The Joint Commission performs EOC audits using NFPA 101 as the referenced standard and looks for instances of unsealed openings. Using the EZ-Path® system will ensure that "high traffic" openings (i.e., cable openings subject to frequent moves, adds, and changes) are always sealed 100% of the time."

#### **INTERNATIONAL BUILDING CODES - 2009, 2012 AND 2015:**

The IBC sets clear requirements on the limits of air leakage through barriers and how that leakage value is determined.

713.5 Penetrations in smoke barriers. Penetrations in smoke barriers shall be tested in accordance with the requirements of UL 1479 for air leakage. The air leakage rate of the penetration assemblies, measured at 0.30 inch (7.47 Pa) of water in both the ambient temperature and elevated temperature tests, shall not exceed:

- 1. 5.0 cfm per square foot  $(0.025 \, \text{m}^3 \, / \, \text{s} \cdot \text{m}^2)$  of penetration opening for each through-penetration firestop system; or
- 2. A total cumulative leakage of 50 cfm (0.024m<sup>3</sup>/s) for any 100 square feet (9.3 m<sup>2</sup>) of wall area or floor area.

To put this in perspective, with a maximum air leakage rating of 1.3 CFM for the Series 33 device, approximately 38 devices can be installed in a 100 sq ft wall space according to the IBC (50 CFM/1.3 CFM = 38 devices). Rest assured, EZ-Path® devices are fully compliant.

#### NFPA 70: NATIONAL ELECTRICAL CODE - SPREAD OF FIRE OR PRODUCTS OF COMBUSTION

NFPA 70 sections 300.21, 800.26, 830.26 require all cables that pass through hollow spaces, vertical shafts, and ventilation or air-handling ducts to be installed so the possible spread of fire or the products of combustion (smoke) shall not be substantially increased.

K 20

This means that cable penetrations must be resealed. If your cable sleeves require materials to be reinstalled or internal sleeves to be twisted and constricted to restrict smoke leakage, these actions will need to be performed every time a cable change is made in your facility to avoid a code violation.

EZ-Path® Smoke & Acoustical Pathway

Smoke Partitions and other Non-Fire-Rated Floors and Ceilings

EZ-Path® Fire-Rated Pathway

Fire-Rated Walls & Floors Smoke Barriers

## PLAY IT SAFE

#### **CHOOSE THE EZ-PATH® SYSTEM**

Great leakage ratings shouldn't just exist on paper!

Some leakage ratings may look good on paper. But ask your supplier what happens if someone forgets to reinstall the putty? Stuff the foam back in? Tighten the ring on the constricting liner? Take the human element away. Be SAFE. Choose the EZ-Path® System.

## The EZ-Path® System... Consistently great leakage ratings! Unless you're using the EZ-Path® system... Your 1st cable change may send them all up in smoke!

EZ-Path All Others

1 2 3

CABLE INSTALLATION CYCLES

#### PATHWAYS INSTALLATION OPTIONS | ACCESSORIES Choose the Right System For Your Cabling Needs! Series 22 Series 44+ Series 33 1.5" x 1.5" Height x Width 9/16" x 9/16" 1" x 1" 3.0" x 3.0" 4" x 4-5/8" Inches (mm) (14 mm) (25 mm) (38 mm x 38 mm) (76 mm x 76 mm) (102 mm x 118 mm) Length 1-5/8" 1-5/8" 10.5" (267 mm) 10.5" (267 mm) 14" (356 mm) Inches (mm) (41.3 mm) (41.3 mm) 16X 16X **Volume Expansion** 40X Up to 5 in walls Can be Ganged Up to 7 in walls Up to 16 in floors 6" (152 mm) incre-6" (152 mm) increments Can be Lengthened ments

2" (51 mm)

Up to 4 hours

Up to 4 hours

#### THE ONLY AUTOMATIC SELF-SEALING CABLE FIRESTOP SYSTEM







2. As cables are added, pads deflect but remain snug to the cables.



6" (152 mm)

Up to 4 hours

Up to 4 hours

4" (102 mm)

4" (102 mm)

Up to 4 hours

Up to 4 hours

3. Fire expands the pads into a solid, pathway-



Insert into Cored Hole

Attached to Conduit

Fire Rating in Walls

Fire Rating in Floors

9/16" (14 mm)

Up to 2 hours

### Firestop Grommets





Formally Ready® Firestop Grommet

1" (25 mm)

Up to 2 hours

Small cable penetrations through fire-rated walls? Eliminate sleeves, sealant, and putty with the EZ-Firestop™ Grommet.

#### **Features & Benefits:**

- Two-piece grommet snaps together for an easy installation.
- Split design can be used with previously installed cables.
- Can be used for data cables (CAT5, CAT6), alarm, security and electrical cables.
- Made with plenum-tested material.

#### **Applications:**

- One or more cables with total O.D. up to 0.27" (7 mm) for RFG1 or 0.53" (14 mm) for RFG2
- Single membrane or through-penetrations
- 1 & 2 hour rated gypsum board walls





## Fire-Rated Pathway



Series 22 is designed for new or existing cable installations through walls and floors up to 9 in. (229 mm) thick. The pathway can be mounted as a single unit in either a 2 in. (51 mm) round or a 1.5 in. (38 mm) x 1.5 in. (38 mm) square opening.



Cat. No. EZD22











The Series 33 Pathway is designed for new or existing cable installations up to 9 in. (229 mm) thick walls or floors. The Series 33 pathway can be ganged for additional capacity. A wide variety of accessories easily adapts 33 Series pathways to a broad range of applications. For thicker walls, use the extension module (Cat No. EZD33E).







#### **Single-Pathway Installation Options Through Finished Walls**

A choice of two wall plate designs is available for installing a single Series 33 pathway through finished walls.



Circular Wall Plate Kits allow a single Series 33 Pathway to be installed in a 4 in. (102 mm) round opening or 3 in. (76 mm) x 3 in. (76 mm) square opening.



Square Wall Plate Kits allow a single Series 33 Pathway to be installed in a 3 in. (76 mm) x 3 in. (76 mm) square opening.

## SERIES 3 Multiple Pathway Options



SERIES 3 Specialty Options



Using EZ-Path® Multi-Gang Plates, Series 33 pathways can be ganged for additional capacity and cable organization.



Cat. No. EZDP233GK The Two Gang is designed to allow two Series 33 pathways to be installed in a 3 in. (76 mm) x 6 in. (152 mm) opening.







Cat. No. EZDP333GK

The Three Gang is designed to allow three Series 33 pathways to be installed in a 3 in. (76 mm) x 9 in. (229 mm) opening.









The Four Gang is designed to allow four Series 33 pathways to be installed in a 3 in. (76 mm) x 12 in. (305 mm) opening. Attachment plates can be fastened to studs spaced 16 in. (406 cm) O.C. as the wall is being built. Series 33 pathways can also be ordered in a variety of custom colors. Contact STI for pricing and availability.





Optional Stud Attachment: Four and seven gang plates have attachment holes that allow them to be fastened directly to internal wall framing for greater support. As an option, the wall frames can be attached directly to the studs and the pathways can be installed as the wall is being built.



The Seven Gang is designed to allow seven Series 33 pathways to be installed in a 3 in. (76 mm) x 21 in. (533 mm) opening. Attachment plates can be fastened to study spaced 24 in. (610 mm) O.C. as the wall is being built.





Uniquely engineered attachment plates provide quick and easy mechanical attachment to a variety of common conditions.



#### New Cable Installations Through Floors Using Core Drilled Opening

The Kick-In Floor Kit installs a Series 33 pathway into a 4 in. (102 mm) core drilled round opening. Built-in, self-locking fasteners securely wedge the pathway into the concrete. Installation is simple! Insert plate into opening. Insert pathway into plate and tighten set screws. Plate is locked in place! No fasteners and no sealant required!

Cat. No. EZDP133FK









The Conduit Attachment Kit installs a Series 33 Pathway within a 4 in. (102 mm) sleeve or conduit. The split plate design allows for installation in both new and existing cabling applications.

Cat. No. EZDP133CAK

Full Kit

Cat. No. EZP133CA





#### **Previously Installed Cables Through Oversized Openings in Walls**

The Retrofit/Repair Wall Kit is a multi-purpose split mounting plate designed to facilitate EZ-Path® device installations around previously installed cables or in new or existing cabling applications where a large opening or opposing offset openings have been created in either gypsum board or masonry block walls. The assembled two-piece plates measuring 8 in. x 10 in. (203 mm x 254 mm) can be rotated independently of each other in 90° increments to cover irregular or offset openings.



Cat. No. EZP133R Without Pathway



## SERIES 3 Accessories





#### **Extension Module**

Extension modules attach to the end(s) of the Series 33 pathway and increase the effective length for thicker barriers. Each extension module increases the effective length by 6 in. (152 mm). Extensions work with all other accessories.

· Sold as individual devices.



#### **Positioning Clamps**

Positioning clamps are used to position and secure pathways in applications where standard wall plates will not be used and the device will be either backfilled or caulked into an opening.

- Sold in pairs.
- Caulk and sealant products sold separately.



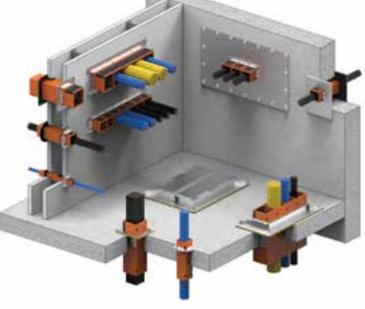
#### **Radius Control Module**

Radius Control Modules (RCMs) snap into the ends of pathways and provide a 1 in. (25 mm) minimum bend radius for cables. RCMs support cable bundles at 100% rated loading. Insertion slots are provided for support ties (not included).

• Sold in pairs.

#### The Complete Pathway Solution

Pathways installed in walls or floors provide managed portals through which cables can easily be routed. Install just one pathway or gang as required for additional capacity or better cable organization.



## SERIES Fire-Rated Pathways

Designed for new or existing cable installations through walls or floors up to 12 in. (305 mm) thick.

For thicker walls, use the extension module (Cat No. EZD44ES).



#### Single Pathway Installation Through Walls

The Single Wall Plate Kit is designed to allow a single Series 44+ pathway to be installed in a 6 in. (152 mm) round opening or 4-1/8 in. (105 mm) x 4-5/8 in. (118 mm) opening.

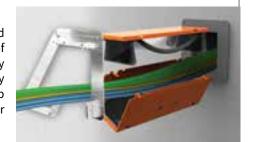






## Single Pathway Installation Through Walls With Existing Cables

The Split Wall Plate is engineered to facilitate the installation of the EZ-Path® Series 44+ pathway in fire-rated walls. The pathway is designed to be installed in up to a 6 in. (152 mm) diameter round opening.



#### **Multiple or Ganged Installation Options for Walls**

Multi-Gang Wall Brackets are designed to allow 1 to 5 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

#### **Ordering Details**

- Plate packs include plates, gaskets, set screws and labels.
- Purchase pathways (EZD44S2) and appropriate fasteners separately.







#### **Extension Module**

Extension modules attach to the end(s) of the Series 44+ pathway and increase the effective length of the pathway for thicker barriers. Each extension module increases the effective length by 6 in. (152 mm). Extensions work with all other accessories.



#### **Radius Control Module**

Radius Control Modules (RCMs) snap into the ends of pathways and provide a 1 in. (25 mm) minimum bend radius for cables. RCMs support cable bundles at 100% rated loading. Insertion slots are provided for support ties (not included).

## SERIES 4 14 Vertical Cable Solutions









#### **Single Pathway Installation Through Floors**

The Split Floor Plate Kit is designed to allow a single Series 44+ pathway to be installed in a 6 in. (152 mm) round opening. The split plate is designed to permit use with previously installed cables.



NOTE: Suitable concrete fasteners must be purchased separately.

## **EZ-Path** Modular Floor Grid System... The Ultimate Solution for High-Capacity Cable Penetrations in Floors

Modular Floor Grid Systems utilize the high volume, EZ-Path® Series 44+ pathways installed in banks of four to provide your cabling systems with room to grow. Sturdy steel grids mount one, two or four banks of pathways in built-in slots for a total of up to sixteen pathways through a single floor opening. A single bank floor grid comes complete with pathways. Multi-bank modular floor grids are installed with firestop panels sealing each slot. As additional cable capacity is required, firestop panels are removed and pathway modules containing four pathways are installed in each slot.





Most Popular UL Certified Systems: WL3356, WL3377, WL3218, WL3306, WL8073, CAJ8181, FA3021, FA3026, FA3037, FA3054.





#### **Splice Plate Kit**

Join multiple single-bank grids (EZDG444S) together for use in elongated floor slot penetrations using the Floor Splice Plate



Pathway
Module

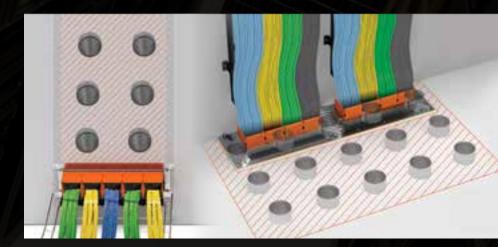
< Cat. No.
EZD444MBS2
Includes four (4) pathways
and two (2) hanger brackets



## **EZ-PATH® PATHWAYS MAXIMIZE REAL ESTATE**

#### **More Capacity in Less Space**

The square opening offers unmatched cable density, saving you prime real estate in floors and especially above the ceiling where space is at a premium.





## **Ordering Information**

CATALOG NUMBER	DESCRIPTION	MIN. QTY/ CASE QTY.	UPC 730573-
Series RFG EZ	Firestop Grommets		
RFG1	Two-piece split cable grommet for a single or small multiple cables penetration up to 0.27 in. (7 mm) O.D.	10	25058
RFG2	Two-piece split cable grommet for a single or small multiple cables penetration up to 0.53 in. (14 mm) 0.D.	10	25059
Series 22 EZ-I	Path Fire-Rated Pathway Kit*		
EZD22	Fire-Rated Pathway Kit	6	00022
	Path* Fire-Rated Pathway, Kits, Accessories and Plate Kits*	U	00022
EZD33FWS	Fire-Rated Pathway Device (does not include mounting plates)	6	00004
EZDSSFWS EZDP33FWS	Square Kit - Device with square wall plate kit	4	00004
EZDP33FW3	Circular Kit - Device with circular wall plate kit	1	00034
EZD33E	Extension Module	1	00005
EZDP33WR	Retrofit Kit - Device with retrofit wall mounting plate kit	1	00533
EZDP133FK	Kick in Kit - Device with single kick-in plate	1	00835
EZDP233GK	Two-Gang Kit - Two (2) devices with two-gang plate kit	1	00235
EZDP333GK	Three-Gang Kit - Three (3) devices with three-gang plate kit	1	00335
EZDP433GK	Four-Gang Kit - Four (4) devices with four-gang plate kit	1	00435
EZDP433GK-C	Color-Coded Four-Gang Kit - Four (4) Devices (1-orange, 1-blue, 1-yellow, 1-white) with four-gang plate kit	1	00436
EZDP733GK	Seven-Gang Kit - Seven (7) devices with seven-gang plate kit	1	00735
EZDP133CAK	Conduit Attachment Kit-Device with conduit attachment plate kit	1	00036
EZP133CW	Circular Wall Plate Kit	1	00137
EZP133W	Square Wall Plate Kit	1	00133
EZP233W	Two-Gang Wall Plate Kit	1	00233
EZP333W	Three-Gang Wall Plate Kit	1	00333
EZP433W	Four-Gang Wall Plate Kit	1	00433
EZP733W	Seven-Gang Wall Plate Kit	1	00733
EZP133PC	One Pair (2) Positioning Clamps	1	00135
EZP133K	Kick-In Floor Plate Kit (For use with floor applications)	6	00833
EZP133R	Retrofit Mounting Plate Kit	1	00535
EZP133CA RCM33	Conduit Attachment Plate Kit One Pair (2) Radius Control Modules	1	00138
	-Path' Fire-Rated Pathway, Kits*, Accessories, Grid Assemblies, and Plate Kits	-	00333
EZD44S2	Fire-Rated Pathway Device	4	00100
EZDP44S2	Fire-Rated Pathway Kit - Device with wall plate kit	1	00106
EZDP144FKS2 EZDP144RS2	Floor Kit - Device with floor plate kit Split Wall Plate Kit - Includes Pathyray and Split Plates	1	00108
EZDP144RS2 EZDG444S2	Split Wall Plate Kit - Includes Pathway and Split Plates  Single Bank Floor Grid - Four (4) devices with floor frame	1	00107 00110
EZD444MBS2	Single Bank Ploof Grid - Pour (4) devices with hanger brackets	1	00110
EZP444MB	Hanger Bracket for Modular Floor Grid System	1	00103
EZG444CP	Floor Grid Splice Plate Kit - Includes plate and gasket	1	00449
EZDG844S2	Multi-slot Frame Kit for 8 Pathways (Includes eight (8) Series 44+ devices with EZG844)	1	00111
EZDG1644S2	Multi-slot Frame Kit for 16 Pathways (Includes sixteen (16) Series 44+ devices with EZG1644)	1	00112
EZP144W	Single Wall Plate Kit	1	00144
EZP544W	Multi-Gang Wall Plate Kit	1	00544
EZP144F	Kick in Kit - Device with split floor plate	1	00834
EZG444	Multi-Slot Frame for Four (4) Pathways	1	00443
EZG844	Multi-Slot Frame for Eight (8) Pathways	1	00844
EZG1644	Multi-Slot Frame for Sixteen (16) Pathways	1	00644
EZRCM44S	Radius Control Module - one pair (2) for use with Series 44+ pathway ONLY	1	00934
EZD44ES	6" Extension Module - use with Series 44+ pathway ONLY	1	00069
EZP144RS	Split Wall Plate - Split Plates Only	1	00148
TRK444	T-Rating Kit	1	00446
EZ-Path® Smo	oke and Acoustical Pathway, Kits, Accessories, and Plate Kits		
NEZ33	Smoke & Acoustical Pathway Device	4	11158
NEZ33R	Smoke & Acoustical Pathway Retrofit Device (Split Apart)	1	11165
NEZDP233	Smoke & Acoustical Pathway Two Gang Kit (Two (2) NEZ33 Pathways & two (2) NEZP233 two gang plates)	1	11159
NEZP233	Smoke & Acoustical Pathway Two Gang Plate Kit (Plates Only)	1	11161
NEZDP433	Smoke & Acoustical Pathway Four Gang Kit (Four (4) NEZ33 Pathways & two (2) NEZP433 four gang Plates)	1	11160
NEZP433	Smoke & Acoustical Pathway Four Gang Plate Kit (Plates Only)	1	11162



