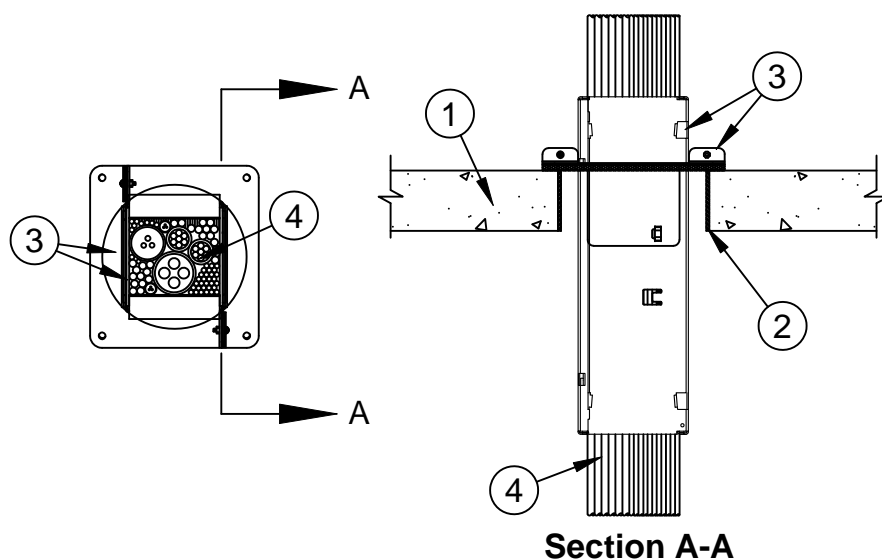


System No. F-A-3054



ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings - 2, 3 and 4 Hr (See Items 1 and 4)	F Ratings - 2, 3 and 4 Hr (See Items 1 and 4)
T Ratings - 0 and 1/2 Hr (See Item 4)	FT Ratings - 0 and 1/2 Hr (See Item 4)
L Rating At Ambient - Less than 1 to 2.3 CFM/Device Module (See Item 3)	FH Ratings - 2, 3 and 4 Hr (See Items 1 and 4)
L Rating At 400 F - Less than 1 to 2.3 CFM/Device Module (See Item 3)	FTH Ratings - 0 and 1/2 Hr (See Item 4)
	L Rating At Ambient - Less than 1 to 2.3 CFM/Device Module (See Item 3)
	L Rating At 400 F - Less than 1 to 2.3 CFM/Device Module (See Item 3)



1. **Floor Assembly** - Min 2-1/2 in (64 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete floor. Min 4 1/2 in. (114 mm) floor thickness required for 3 and 4 Hr F and FH Ratings. Floor may also be constructed of any UL Classified hollow-core **Precast Concrete Units***. Diam of opening is 6 in. (152 mm). Steel sleeve (Item 2) is required for floors constructed of hollow-core Precast Units. See **Precast Concrete Units** (CFTV) category in the Fire Resistance Directory for names of manufacturers.
2. **Steel Sleeve** - (Optional) - Nom 6 in. (152 mm) diam Schedule 10 to Schedule 40 steel pipe or rigid steel conduit cast or grouted into concrete floor flush with floor surfaces.
3. **Firestop Device*** - The firestop device module consists of a 4 by 4 5/8 by 14 in. (102 by 118 by 356 mm) long galv steel tube with an intumescent material lining. Firestop device module to be installed in accordance with the accompanying installation instructions. Firestop device module secured in place by means of two "L" shaped steel floor brackets installed with gasket material supplied with the product. Each floor bracket is secured to the device module by means of an integral hook and eye window attachment. Floor brackets are secured together forming the rectangular floor plate by means of steel screws and nuts supplied with the product. Floor plate to be secured to the top surface of the floor through predrilled holes in the floor plate using nom 3/16 in. (4.8 mm) by min 1-1/4 in. (32 mm) long concrete screws. As an option, the device may be cast or grouted into floor assembly. When the device is cast or grouted in place, the split floor plate is optional. The L Ratings vary according to whether the device module is blank (no cables) or loaded (with cables) and which cable type and size is used, as tabulated below:



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Device	Cable Type	L-Rating (CFM)	
		Ambient	400 °F
0%	-	Less Than 1	Less Than 1
1-25%	4A-4I	1.5	1.5
26-50%	4A-4I	2.3	2.3
51-75%	4A-4I	2.3	2.3
76-100%	4A-4I	2.3	2.3

SPECIFIED TECHNOLOGIES INC - EZ PATH Series 44+ Fire Rated Pathway

- 3A. **Firestop Device* - Extension Module** - (Optional, Not Shown) - Module attached to ends of firestop device (Item 3) to increase its length to facilitate installation in thicker floors. Each module consists of a 4 by 4-5/8 by 6 in. (102 by 118 by 152 mm) long galv steel tube with an intumescent material lining. Extension module to be installed in accordance with the accompanying installation instructions.

SPECIFIED TECHNOLOGIES INC - EZ PATH Series 44+ Extension

4. **Cables** - Cables may represent a 0 to max 100 percent visual fill within the loading area for the firestop device module. Cables to be rigidly supported on both sides of the floor assembly. Any combination of the following types of cables may be used:
- A. Max 400 pair No. 24 AWG (or smaller) copper conductor telecommunication cable with polyvinyl chloride (PVC) or plenum-rated jacketing and insulation.
 - B. Max 750 kcmil single copper conductor power cable with XLPE jacket and insulation
 - C. Max 7/C No. 12 AWG copper conductor control cable with PVC or XLPE jacket and insulation.
 - D. Max 3/C No. 2/0 AWG metal clad or armored cable with steel or aluminum jacket.
 - E. Max 3/C No. 8 AWG NM cable (Romex) with PVC insulation and jacket.
 - F. Max four pair No. 22 AWG (or smaller) copper conductor data cable with PVC or plenum rated jacketing and insulation.
 - G. Coaxial cable with fluorinated ethylene or PVC insulation and jacketing having a max diam of 5/8 in. (16 mm).
 - H. Optical fiber cable with PVC or polyethylene (PE) jacket and insulation and having a max diam of 5/8 in. (16 mm).
 - I. Max RG6/U coaxial cable with fluorinated ethylene, polyethylene (PE), PVC or plenum rated jacketing and insulation.

When Item 4A, 4B, 4C, 4D, 4E or 4I is used, the max F and FH Ratings are 3 hr. When Item 4F, 4G, or 4H is used, the max F and FH Ratings are 4 hr. When cable fill within the device is min 0 percent (empty) to max 20 percent, the T, FT and FTH Ratings are 0 Hr. When cable fill within the device is greater than 20 percent, the T, FT and FTH Ratings are 1/2 Hr.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



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