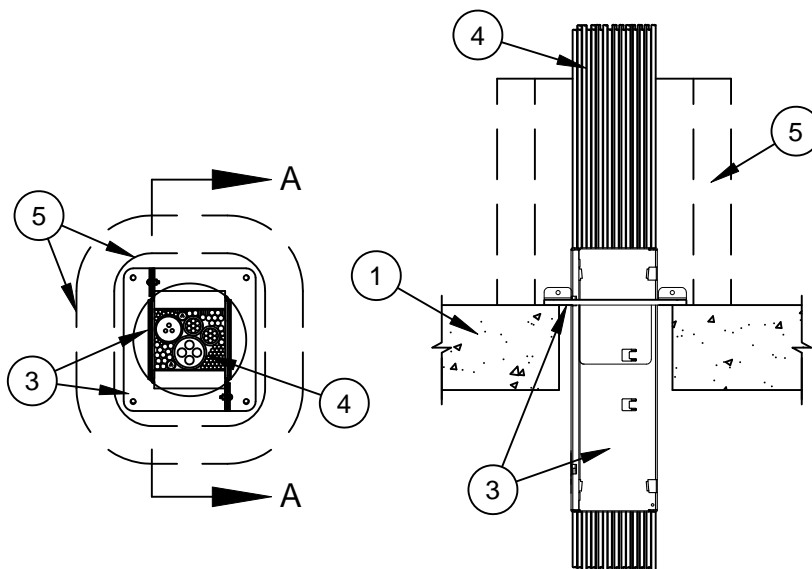


System No. F-A-3059



ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 3 Hr	F Rating - 3 Hr
T Ratings - 1-1/4 and 2 Hr (See Item 5)	FT Ratings - 1-1/4 and 2 Hr (See Item 5)
L Rating At Ambient - Less than 1 to 2.3 CFM/Device Module (See Item 3)	FH Rating - 3 Hr
L Rating At 400 F - Less than 1 to 2.3 CFM/Device Module (See Item 3)	FTH Ratings - 1-1/4 and 2 Hr (See Item 5)
	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 4-1/2 in (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete floor. 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, Not Shown) - 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.

5. **Batts and Blankets*** - Two min 12 in. (305 mm) wide layers of nom 2 in. (51 mm) thick nom 1 pcf (16 kg/m3) fiberglass duct wrap insulation installed around pathway and cables. Insulation to be tightly butted to the top surface of the floor and all longitudinal seams of duct wrap are to be sealed with foil tape.

See **Batts and Blankets** (BKNV) category in the Building Materials Directory for names of manufacturers. Any batts and blankets material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

When Item 5 is used at a min height of 12 in. (305 mm) the T, FT and FTH Ratings are 1 1/4 Hr. When Item 4 is used at a min height of 36 in. (91 cm), the T, FT and FTH Ratings are 2 Hrs.

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

+Bearing the UL Listing Mark



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