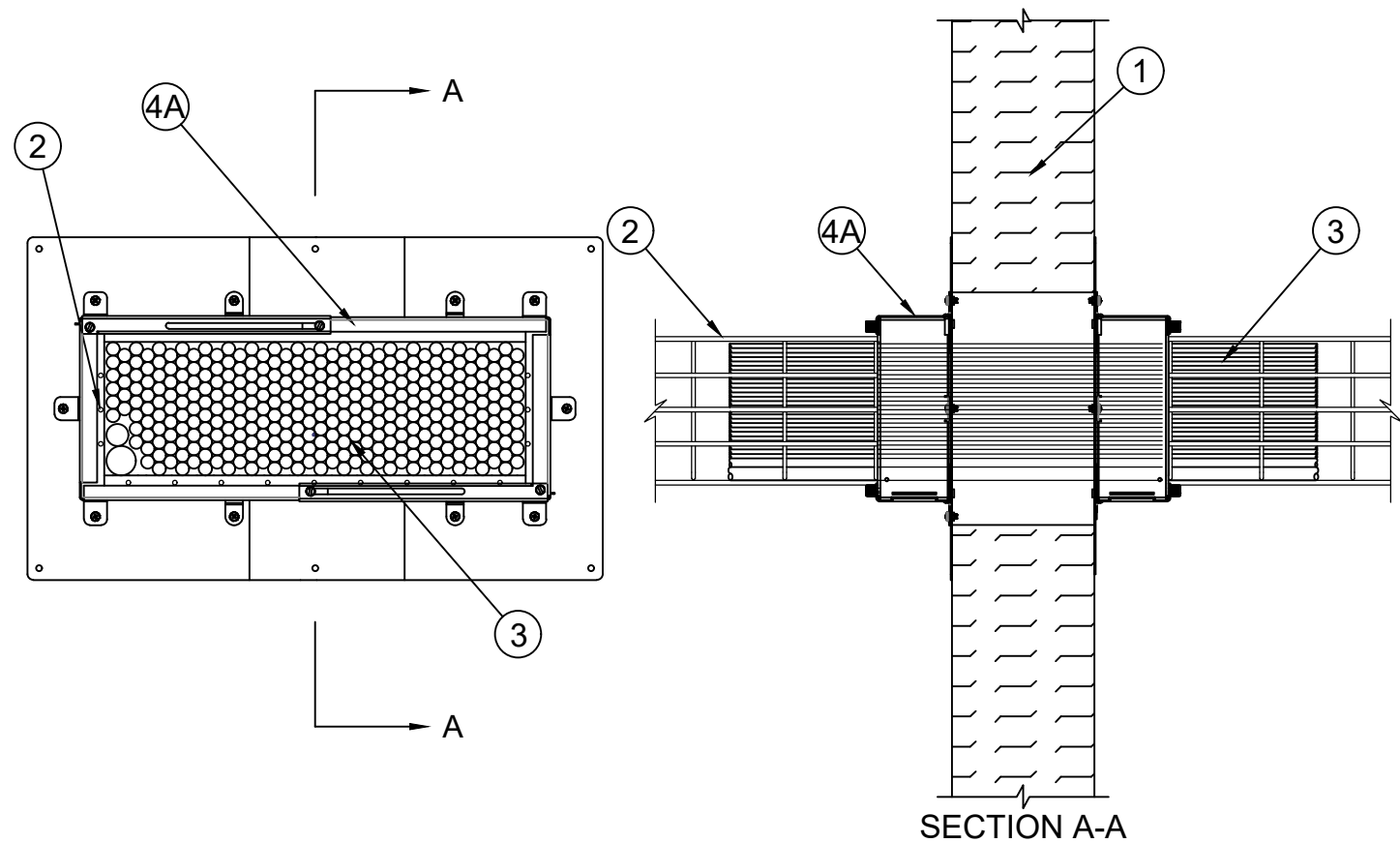




System No. W-N-4001

UL1479	CAN/ULC S115
F Ratings - 1 and 2 Hr (See Item 1)	F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 0 and 1/2 Hr (See Item 1)	FT Ratings - 0 and 1/2 Hr (See Item 1)
L Rating at Ambient - 9.8 to 14.5 CFM/ft2 (See Item 4C)	FH Ratings - 1 and 2 Hr (See Item 1)
L Rating at 400°F - 9.8 to 14.5 CFM/ft2 (See Item 4C)	FTH Ratings - 0 and 1/2 Hr (See Item 1)
	L Rating at Ambient - 50 to 74 L/s/m2 (See item 4C)
	L Rating at 204°C- 50 to 74 L/s/m2 (See item 4C)



1. **Wall Assembly** - The 1 or 2 hr fire rated composite wall assembly shall be constructed of nom 4 in. (102 mm) or 7 in. (178 mm) thick, respectively, galvanized steel or painted galvanized steel faced Partition Panel Units* (CJMR) installed in the manner specified in Wall and Partition Design No. U050 in UL's Product iQ Directory. If the max width of the cable tray (Item 2) is 18 in. (457 mm) or less, max area of opening is 220 in.² (0.142 m²) with max dimension of 22 in. (559 mm). If the width of the cable tray exceeds 18 in. (457 mm), max area of opening is 301 in.² (0.194 m²) with a max dimension of 28 in. (711 mm).

The F and FH Ratings of the firestop system are equal to the hourly rating of the wall assembly in which it is installed. The FT, FTH, and T Ratings are 0 hr for 1 hr fire rated wall assemblies and 1/2 hr for 2 hr fire rated wall assemblies.

MBCI - Eco-Ficient Partition Units

METL-SPAN, A DIVISION OF NCI GROUP, INC. - ThermalSafe Partition Units

2. **Cable Tray** - Max 24 in. (610 mm) wide by max 6 in. (152 mm) deep welded wire basket cable tray formed from min 0.197 in. (5 mm) thick steel and having max 1.97 by 3.94 in. (50 by 100 mm) grid spacing. One cable tray to be centered horizontally within the opening. When the max width of the cable tray is 18 in. (457 mm) or less, the annular space between the cable tray and the periphery of the opening at the top or bottom surface shall be min 0 in. (point contact) to max 6 in. (152 mm). When the width of the cable tray exceeds 18 in. (457 mm), the annular space between the cable tray and the periphery of the opening at the top or bottom surface shall be min 0 in. (point contact) to max 4 in. (102 mm). When the firestop device is not installed in conjunction with steel wall plates (Item 4A), the annular space between the cable tray and the periphery of the opening shall be min 0 in. (point contact) to max 1/2 in. (13 mm). Cable tray to be rigidly supported on both sides of wall assembly.
3. **Cables** - Cable fill within cable tray shall represent a min 25 to max 100 percent visual fill based on a max 6 in. (152 mm) cable loading depth within the cable tray. Any combination of the following types and sizes 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. Max four pair No. 22 AWG (or smaller) Cat 5, Cat 5E, Cat 6 or Cat 6A cable with PVC or plenum rated jacketing and insulation.
 - H. Coaxial cable with fluorinated ethylene or PVC insulation and jacketing having a max diam of 5/8 in. (16 mm).
 - I. Optical fiber cable with PVC or polyethylene (PE) jacket and insulation and having a max diam of 5/8 in. (16 mm).
 - J. Max RG6/U coaxial cable with fluorinated ethylene, polyethylene (PE), PVC or plenum rated jacketing and insulation.

4. Firestop System* - The firestop system shall consist of the following:

- A. **Firestop Device** - A firestop device consisting of a rectangular galv steel housing with intumescent foam strips sized to the specific width of the cable tray. Firestop device installed in accordance with the accompanying installation instructions on each side of the wall. When the max width of the cable tray (Item 2) is 18 in. (457 mm) or less, firestop device may be secured in place by means of optional steel wall plates and installed with gasketing material supplied with product. When the width of the cable tray exceeds 18 in. (457 mm), steel wall plates are required. Steel wall plates installed on both sides of wall and secured to each device by means of steel screws and steel mounting tabs provided with device. All remaining mounting holes of wall plates shall be secured to panel with No. 8 by min 1-1/2 in. (38 mm) long steel screws featuring hi-lo threads and pan-head. When firestop device is not installed in conjunction with steel wall plates, each steel mounting tab provided with device shall be installed on both sides of wall and secured to the panel with No. 8 by min 1-1/2 in. (38 mm) long steel screws featuring hi-lo threads and pan-head.

SPECIFIED TECHNOLOGIES INC - EZ PATH Cable Tray Retrofit Device EZCTR612, EZCTR614, EZCTR616, EZCTR618, EZCTR620, EZCTR620L, EZCTR622, EZCTR622L, EZCTR624 or EZCTR624L

- B. **Fill, Void or Cavity Material*** - Sealant, Pillow, Brick, Block, Mortar, Composite Sheet, Foam or Putty - (Optional, Not Shown) For existing firestop systems, any existing XHHW sealant, pillow, brick, block, mortar, composite sheet, foam or putty applied to seal any voids between cables, between cables and cable tray and between cables or cable tray and the periphery of the opening.
- C. **Fill, Void or Cavity Material*** - Sealant or Putty - (Optional, Not Shown) - Min 1/2 in. (13 mm) thickness of sealant or putty applied to seal any voids between cables, between cables and cable tray and between cables or cable tray and the periphery of the opening.

Max Visual Cable Fill	Putty or Sealant	L-Rating (CFM/ft2)	
		Ambient	400°F (204°C)
25%	No	12.2	12.2
26-50%	No	14.5	14.5
25%	Yes	9.8	9.8
26-50%	Yes	12.4	12.4

SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant, SpecSeal LC150 Sealant, SpecSeal LCI Sealant, SpecSeal SIL300 Sealant or SpecSeal Putty

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