



Roof Panel Kit

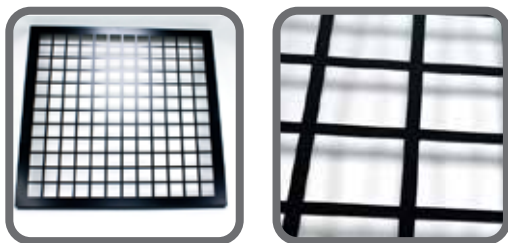
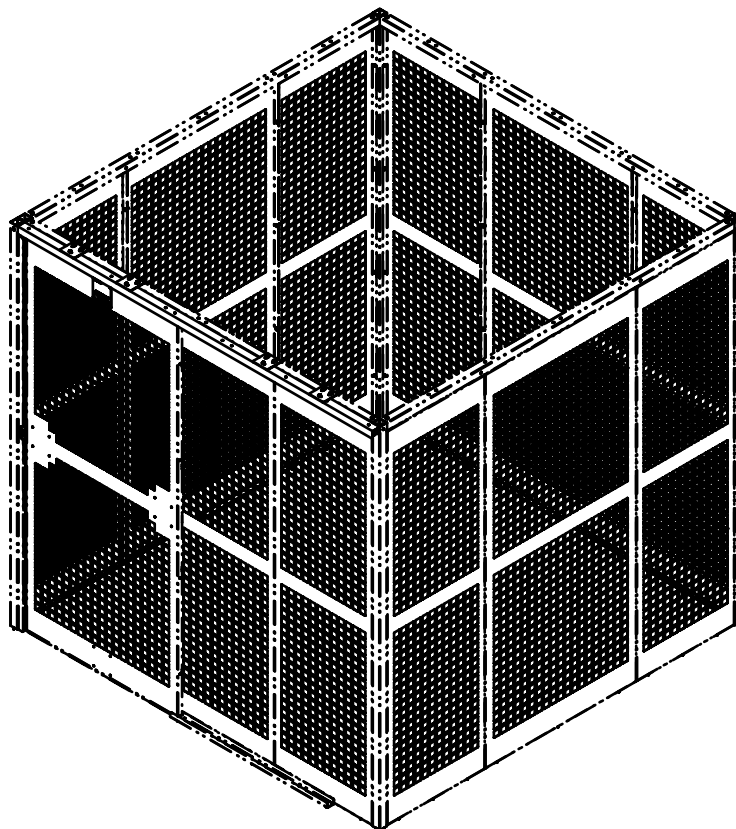
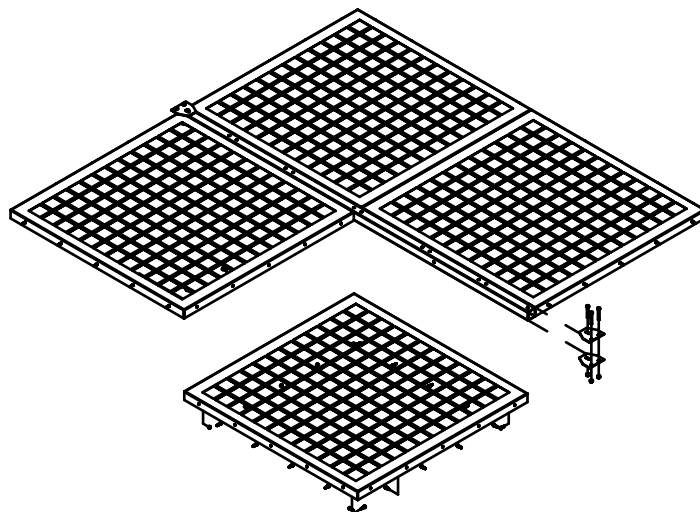
Newton Number	Description
2230220148	Roof for 8' x 8' cage

If you need a totally enclosed environment, Roof Panels will allow an additional layer of security to your application.

This kit is for a standard 8' x 8' security cage. Other sizes can be configured. Call your CSR for more information.

Light weight aluminum is painted with a powder coat, polyester paint for a long lasting and durable finish.

Standard **3.0"** square hole pattern is punched to provide open panel architecture, giving lighter weight while still providing strength and air flow management.



Panels powder coated Black 48



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Panels

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Standard Roof Panels

Standard Roof Panels

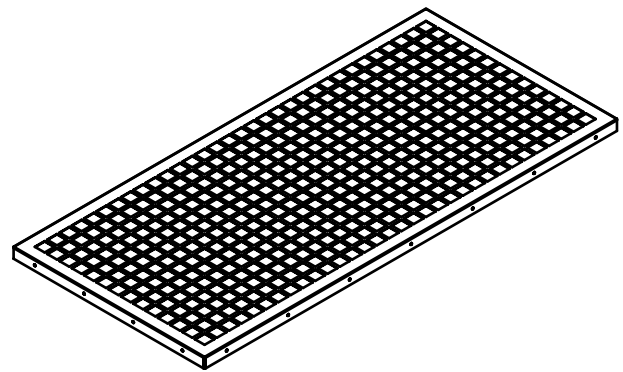
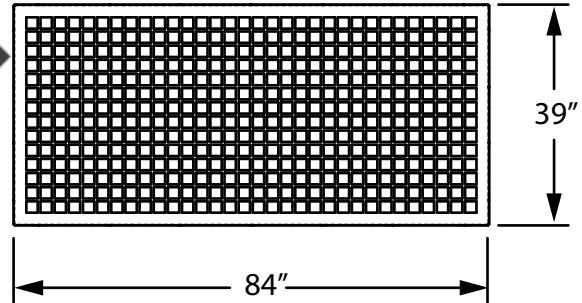
Newton Number	Description
2230750048	39" x 84" panel
2231970048	47" x 46" panel
2229980048	Adjustable Roof Panel 47" x (20" to 36")
2229980048	Roof Panel Fixing Angle

Roof panels currently available are 39" x 84" and 47" x 46". These panels are sufficient to cover most cage sizes, but will usually need trimming to fit.

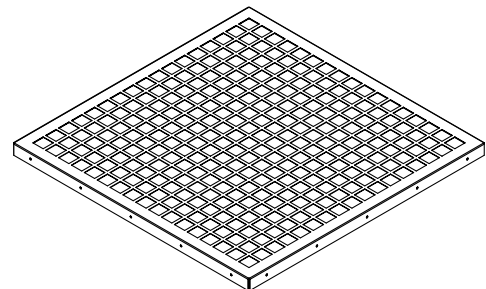
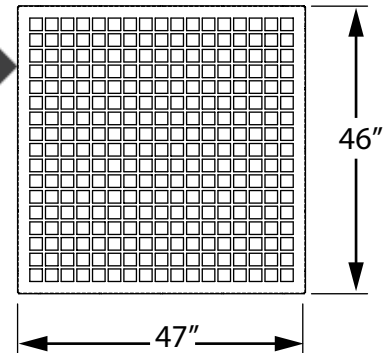
Cage Panel Fixing Angles Are available to cover the roof panel cut edges, giving the appearance of a plain straight edge.

Custom roof panels can be designed per specific requirements upon request.

Shown with
2" square hole
pattern.



Shown with
2" square hole
pattern.



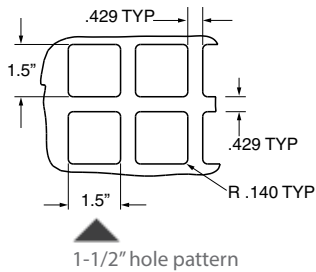
Side Panels



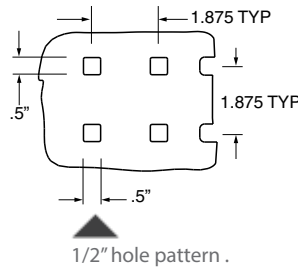
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1-1/2" hole pattern



1/2" hole pattern .

Offered in a variety of sizes, the enhanced range of Newton side panels are made of sturdy 16 gauge steel and painted with a powder coat, polyester paint for a long lasting and durable finish.

The standard 1-1/2" square hole pattern is punched to provide open panel architecture giving lighter weight while still providing strength and air flow management.

1/2" square and solid (vision proof) hole patterns are also available in three standard widths.

See table below for options.

Small

Newton P/N	Width	Hole pattern in panel	Height
2226510048	26.4"	0.5" square holes	94.5"
2229130048	26.4"	1.5" square holes	88"
2227930048	26.4"	1.5" square holes	94.5"
2228280048	26.4"	Vision proof (solid)	94.5"
2229560048	26.4"	Vision proof (solid)	88"
2231100048	26.4"	Hybrid	94.5"

Medium

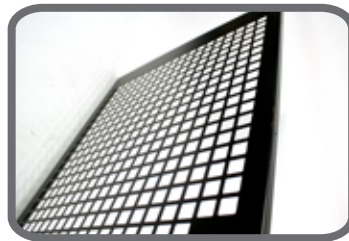
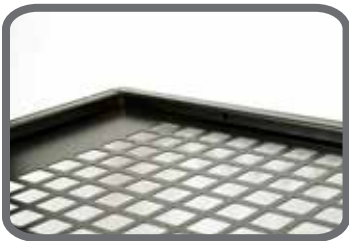
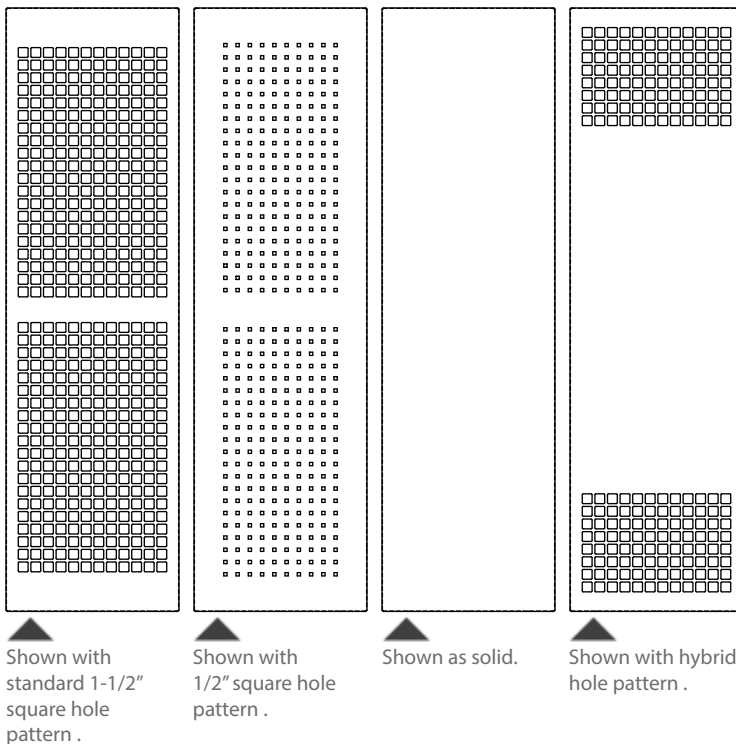
Newton P/N	Width	Hole pattern in panel	Height
2229240048	38"	1.5" square holes	94.5"
2243770048	38"	Solid	94.5"
2243130048	36"	Solid	88"
2230380048	38"	0.5" square holes	94.5"

Large

Newton P/N	Width	Hole pattern in panel	Height
2226520048	40.9"	0.5" square holes	94.5"
2229140048	40.9"	1.5" square holes	88"
2227940048	40.9"	1.5" square holes	94.5"
2229570048	40.9"	Vision proof (solid)	88"
2228290048	40.9"	Vision proof (solid)	94.5"
2231110048	40.9"	Hybrid	94.5"

Extra Large

Newton P/N	Width	Hole pattern in panel	Height
2226530048	45.9"	0.5" square holes	94.5"
2229310048	45.9"	1.5" square holes	88"
2229260048	45.9"	1.5" square holes	94.5"
2231120048	45.9"	Hybrid	94.5"



Panel powder coated Black 48



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The hole patterns in all door panels have been designed so that they flow seamlessly with the patterns in the side panels, giving a more aesthetically pleasing look to the overall cage.

All door panels are made of 16 gauge steel and painted with a powder coat, polyester paint.

Door configurations available have been extended to provide 1-1/2" square holes, 1/2" square holes and solid (vision proof) patterns to match existing panel options.

All 41" wide doors are universal in that they can be either left-hand or right-hand closing.

An additional 27" wide door is available in either a left-hand or right-hand closing option. **Please specify when ordering.**

Standard Door

Newton P/N	Width	Hole Pattern In Panel	Height	Open
2229200048	27"	1.5" square holes	8'	LH
2229300048	27"	1.5" square holes	8'	RH
2229210048	41"	1.5" square holes	8'	
2228320048	41"	Vision proof (solid)	8'	
2226580048	41"	0.5" square holes	8'	
2229220048	41"	1.5" square holes	7'-6"	
2229610048	41"	Vision proof (solid)	7'-6"	
2231140048	41"	Hybrid	8'	
2235910048	56"	1.5" square holes	8'	
2231430048	56"	0.5" square holes	8'	

Swing Door

Newton P/N	Width	Hole Pattern In Panel	Height
2231630048	45.5"	1.5" square holes	8'
2231635148	45.5"	.5" square holes	8'

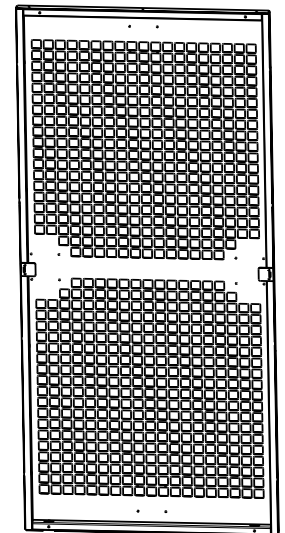
Panels

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Door Panels



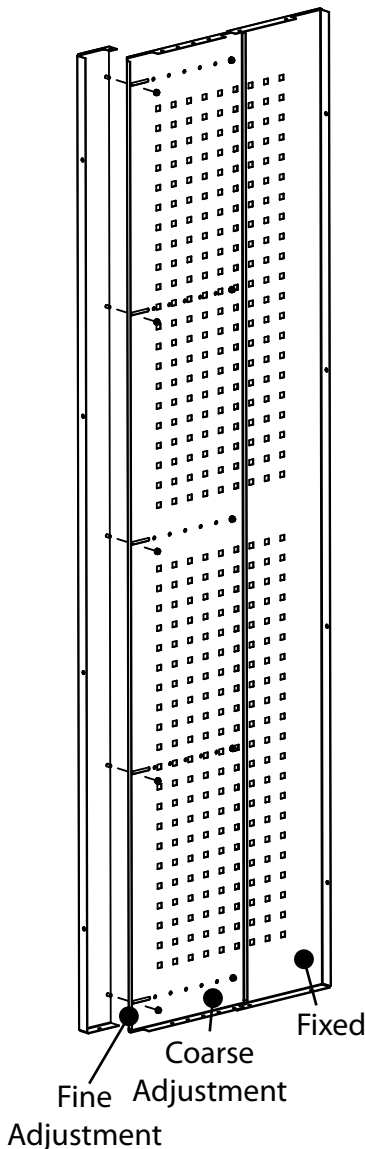
Made of 16 gauge steel and painted with a powder coat, polyester paint.





Adjustable Cage Panels

Patent pending



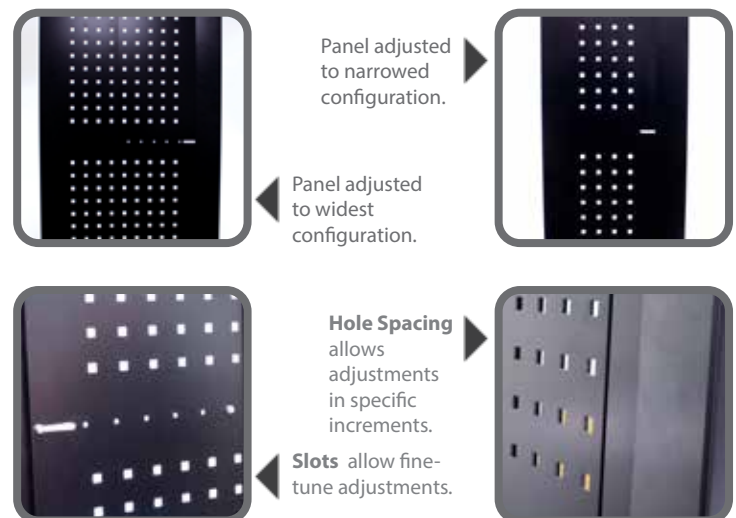
For use with 8' panels only

Newton P/N	Type	Holes	Description	Height
2230710248	Small Adjustable Panel	0.5" square holes	Approx. 15.5" – 26.5"	8'
2230710148	Small Adjustable Panel	1.5" square holes	Approx. 16.2" – 25.8"	8'
2230715248	Large Adjustable Panel	0.5" square holes	Approx. 26.5" – 49"	8'
2230715148	Large Adjustable Panel	1.5" square holes	Approx. 26" – 45"	8'

The adjustable panel has been developed as a product improvement over traditional methods which require that panels be cut to fit for custom cage applications. This design contemplates the overall cost of installation and will provide a significant time savings compared to the old process while eliminating the need to purchase panel fixing angles.

On our adjustable panels, the first panel is fixed, the second panel is adjusted to the approximate width required, and the third panel permits fine-tuning for a precise fit.

Our adjustable panels are engineered so that the hole patterns always align. Once fixed in place to adjacent panels and horizontals, the adjustable panel is hardly discernible from the surrounding panels.



Data center raised floors can vary in height from one location to another. Also, the means of supporting a raised floor can change from 1" diameter round posts to 2" square posts and anything in between.

Newton has developed an adjustable under floor kit that will afford specific data cages security underneath the raised floor platform.

The two different kits are designed to adjust from 16" to 27" or from 24" to 44" in height. A unique bracket kit will allow the panels to be attached to each other and to most under floor pipe supports as long as they do not exceed a 2" diameter or square.

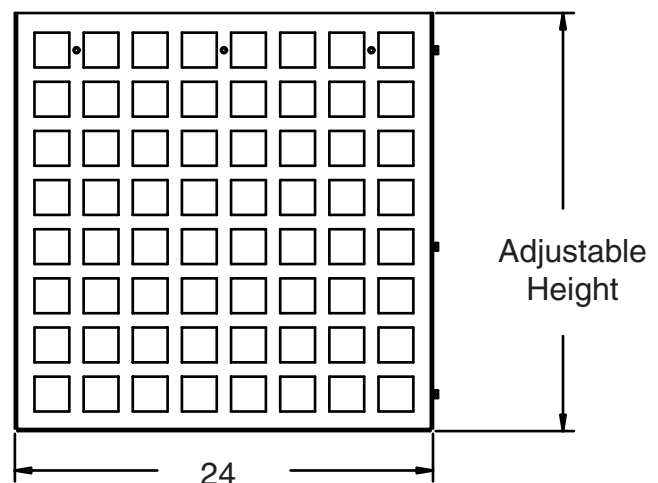
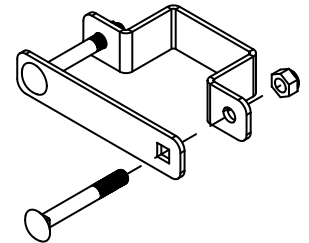
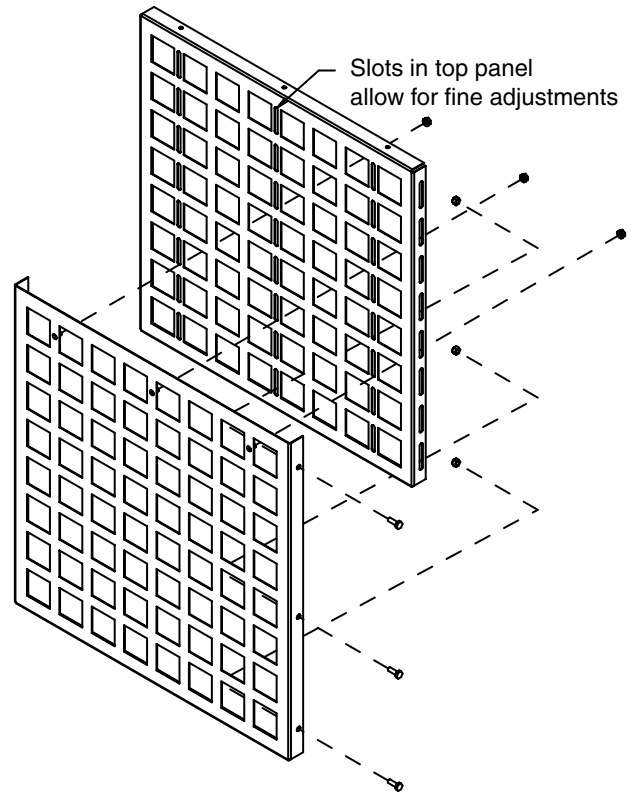
An additional corner kit will be needed for 90 degree turns only.

Under Floor Cage Panel

Newton P/N	Description	Adjustable Height
2230820248	55% open Under Floor Panel Kit	24" to 44"
2230820148	45% open Under Floor Panel Kit	24" to 44"
2230820348	45% open Under Floor Panel Kit	16" to 27"
2230820448	Tight access	24" to 44"
2230820648	Tight access	16" to 27"

Accessories

Newton P/N	Description
2230870048	90° under floor cage clamp kit
2230825148	Inside 90° degree kit



Fixed Height Extension Panels

Available in several different heights and hole patterns, these extensions are designed to increase the existing height of a security cage with very little extra effort.

Simply insert a vertical splice into the existing vertical post, cut the second post to the desired height and construct the extension as you would a normal cage.

Once added to existing 8ft cages, the current additions will give an approximate finished height of 113", 132", 144" or 168".



Vertical Post
NOT INCLUDED.
See [page 14](#) for details and ordering information.



Vertical Post Splice
Used to attach an extension post to an existing vertical.
NOT INCLUDED. See [page 15](#) for details.



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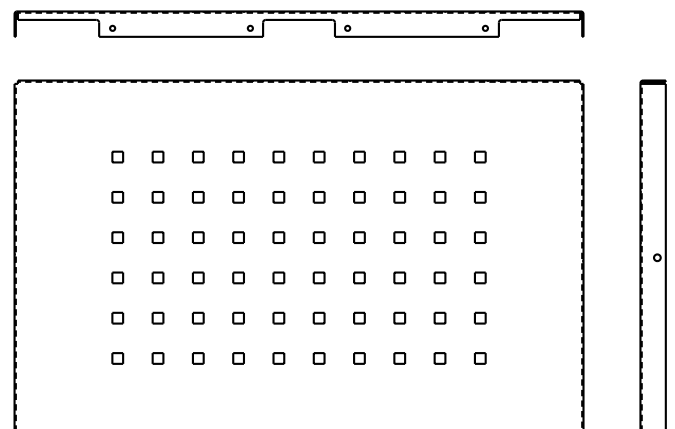
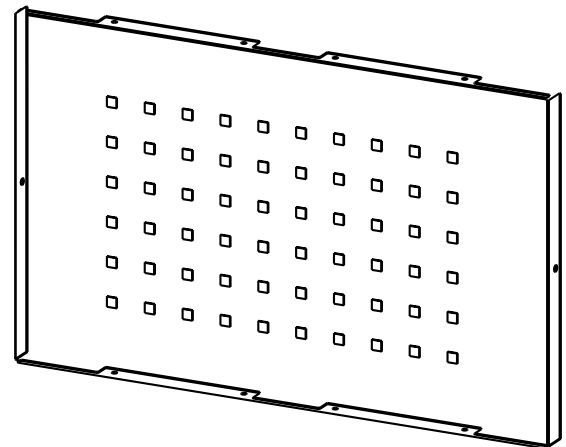
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Extension Panels

Newton P/N	Panel	Hole Pattern In Panel	Height
2231030048	Small	0.5" square holes	16.5"
2231040048	Large	0.5" square holes	16.5"
2230730048	Small	0.5" square holes	35.5"
2230740048	Large	0.5" square holes	35.5"
2227830048	Small	1.5" square holes	47.6"
2227840048	Large	1.5" square holes	47.6"
2229750048	Small	0.5" square holes	71.4"
2229760048	Large	0.5" square holes	71.4"
2229410048	Small	1.5" square holes	16.5"
2229420048	Large	1.5" square holes	16.5"





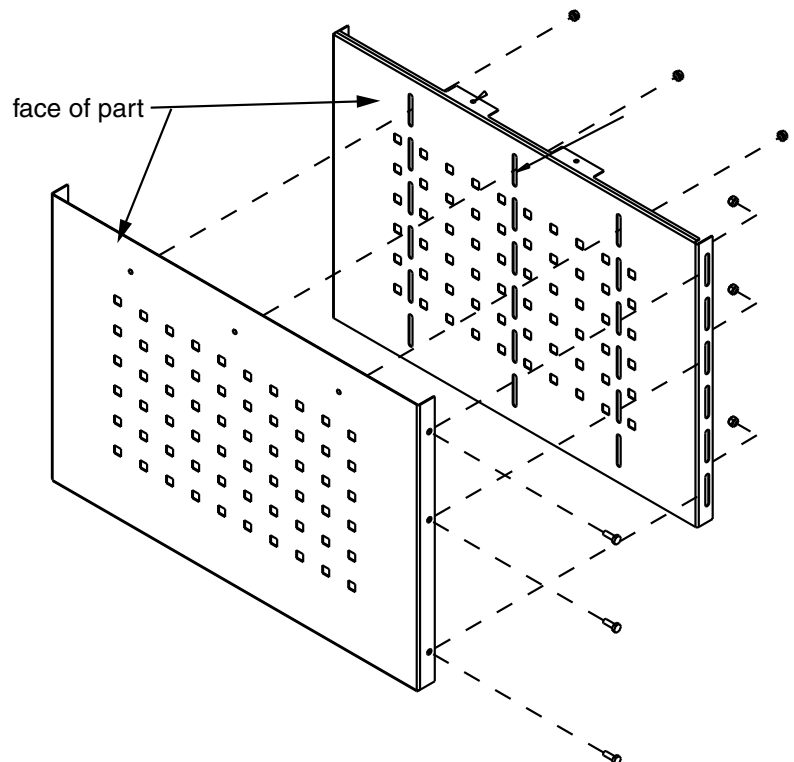
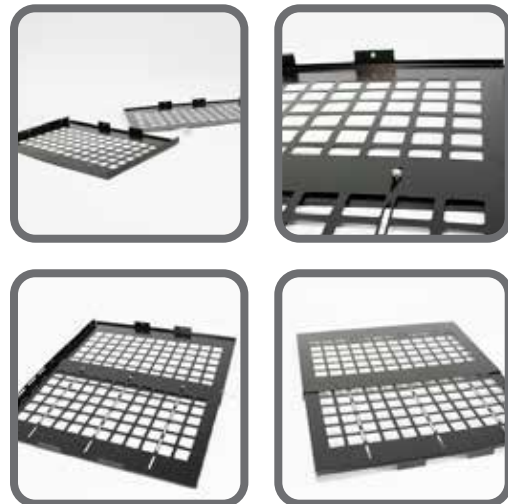
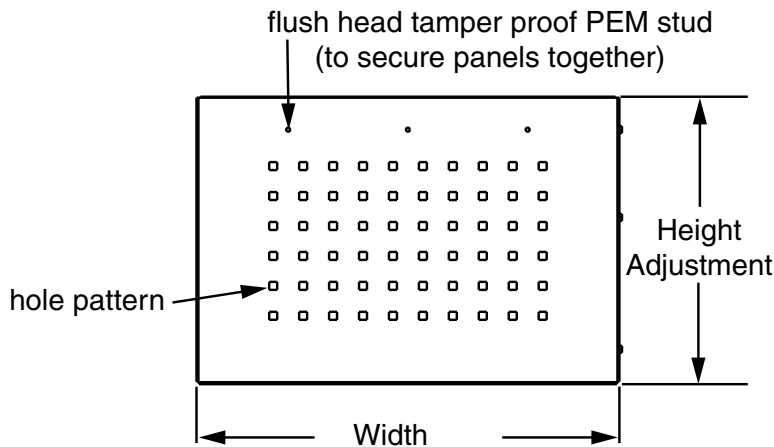
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Available in several different adjustable heights and hole patterns, these extensions are designed to give flexible while increasing the existing height of a security cage with very little extra effort.

Just like the fixed extension panels, simply insert a vertical splice into the existing vertical post, cut the second post to the desired height and construct the extension as you would a normal cage.

Once added to existing 8ft cages, these additions will give an adjustable finished height.



Panels

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Adjustable Height Extension Panels

Extension Panels

Newton P/N	Panel	Hole Pattern In Panel	Height	Width
2238720148	Small	0.5" square holes	11"-18"	26.5"
2238720248	Small	0.5" square holes	18"-32"	26.5"
2238720348	Small	0.5" square holes	31"-58"	26.5"
2238723148	Small	1.5" square holes	11"-18"	26.5"
2238723248	Small	1.5" square holes	18"-32"	26.5"
2238723348	Small	1.5" square holes	31"-58"	26.5"
2238900148	Large	0.5" square holes	11"-18"	41"
2238900248	Large	0.5" square holes	18"-32"	41"
2238900348	Large	0.5" square holes	31"-58"	41"
2238900148	Large	1.5" square holes	11"-18"	41"
2238903248	Large	1.5" square holes	18"-32"	41"
2238903348	Large	1.5" square holes	31"-58"	41"



Support Leg

Newton P/N	Description
2229170048	Support Leg

The support leg is used to provide additional strength to the overall structure on larger cage configurations. It is connected to the floor and any applicable vertical post as needed.

Angles

Newton P/N	Description	Height (Nominal)
2229230048	Panel Fixing Angle	8' 0"
2229230148	Panel Fixing Angle	7' 6"

Standard panel sizes will not always fit exactly into the desired overall dimension of some custom cage configurations. (For example – in a more rectangular configuration.) In this case the cage panel will have to be shortened to the required width. The panel fixing angle (2 required) allows the cut panel edge to be covered to protect against any sharp edges and also fixes it to the vertical post.



Panel Fixing Angle allows for custom cage configurations.

Lexan Panel Inserts

Newton P/N	Description	Size
2236710148	for side panels with 1/2" holes	40" x 19.375"
2236710248	for door panels with 1/2" holes	40" x 34.375"
2236710348	for side panels with 1/2" holes	40" x 34.375"
2239690148	for side panels with 1-1/2" holes	40" x 19.375"
2239690248	for side panels with 1-1/2" holes	40" x 34.375"
2239690348	for door panels with 1-1/2" holes	40" x 34.375"

These clear Lexan panels help prevent access by providing a physical barrier on the inside of panels while still allowing visibility.

Door Panel Insert

Side Panel Insert

