

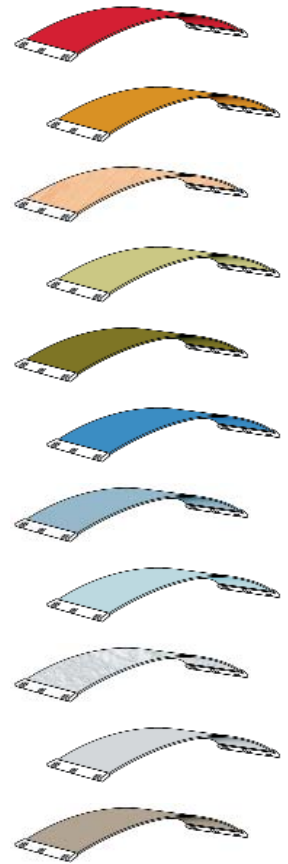
CEILING SYSTEMS

[Between us, ideas become reality.®]

INFUSIONS™ Accent Canopies



◀•• **INFUSIONS**
Accent Canopies
Queen's College
Flushing, NY



More color choices inside.



◀•• **INFUSIONS**
Accent Canopies
Fuddrucker's Restaurant
Lancaster, PA





INFUSIONS
Accent Canopies

MMA Financial
Baltimore, MD



ITEM #	COLOR	SIZE	PIECES
BP69622		2x5	2pc
BP69621		2x5	1pc
BP69632		2x6	2pc
BP69631		2x6	1pc

new

Inspiration
Ice

BP69682		2x5	2pc
BP69681		2x5	1pc
BP69692		2x6	2pc
BP69691		2x6	1pc

Calm
Water

BP69862		2x5	2pc
BP69861		2x5	1pc
BP69872		2x6	2pc
BP69871		2x6	1pc

Natural
Faith

BP69822		2x5	2pc
BP69821		2x5	1pc
BP69832		2x6	2pc
BP69831		2x6	1pc

Saffron
Energy

BP69742		2x5	2pc
BP69741		2x5	1pc
BP69752		2x6	2pc
BP69751		2x6	1pc

Midnight
Dream

BP69722		2x5	2pc
BP69721		2x5	1pc
BP69732		2x6	2pc
BP69731		2x6	1pc

Caribbean
Renewal

BP69762		2x5	2pc
BP69761		2x5	1pc
BP69772		2x6	2pc
BP69771		2x6	1pc

Peace
Blue

BP69842		2x5	2pc
BP69841		2x5	1pc
BP69852		2x6	2pc
BP69851		2x6	1pc

Red
Fire

Due to printing limitations, shade may vary from actual product.

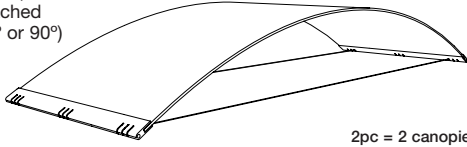
INFUSIONS™ Accent Canopies

Panel Kits

KIT A - Main Kit

Kit Contents:

- Flat Infusions Panel (1 or 2) with 24" Aluminum Extrusions (2/panel) attached
- Cables to form arcs (60° or 90°)



2pc = 2 canopies
1pc = 1 canopy

ITEM #	COLOR	SIZE	PIECES
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BP69402		2x5	2pc
BP69401		2x5	1pc
BP69412		2x6	2pc
BP69411		2x6	1pc
Channeled Mist			

BP69262		2x5	2pc
BP69261		2x5	1pc
BP69272		2x6	2pc
BP69271		2x6	1pc
Channeled Intellect			

BP69282		2x5	2pc
BP69281		2x5	1pc
BP69292		2x6	2pc
BP69291		2x6	1pc
Channeled Vision			

BP69382		2x5	2pc
BP69381		2x5	1pc
BP69392		2x6	2pc
BP69391		2x6	1pc
Channeled Sunset			

BP69342		2x5	2pc
BP69341		2x5	1pc
BP69352		2x6	2pc
BP69351		2x6	1pc
Channeled Midnight			

BP69362		2x5	2pc
BP69361		2x5	1pc
BP69372		2x6	2pc
BP69371		2x6	1pc
Channeled Caribbean			

BP69562		2x5	2pc
BP69561		2x5	1pc
BP69572		2x6	2pc
BP69571		2x6	1pc
Blue Arbor			

BP69602		2x5	2pc
BP69601		2x5	1pc
BP69612		2x6	2pc
BP69611		2x6	1pc
Red Arbor			

BP69302		2x5	2pc
BP69301		2x5	1pc
BP69312		2x6	2pc
BP69311		2x6	1pc
Simplicity Alloy			

ITEM #	COLOR	SIZE	PIECES
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BP69642		2x5	2pc
BP69641		2x5	1pc
BP69652		2x6	2pc
BP69651		2x6	1pc
Cultured Pearl			

BP69702		2x5	2pc
BP69701		2x5	1pc
BP69712		2x6	2pc
BP69711		2x6	1pc
Crystalline Focus			

BP69522		2x5	2pc
BP69521		2x5	1pc
BP69532		2x6	2pc
BP69531		2x6	1pc
Crystalline Silverado			

BP69542		2x5	2pc
BP69541		2x5	1pc
BP69552		2x6	2pc
BP69551		2x6	1pc
Crystalline Sky			

BP69662		2x5	2pc
BP69661		2x5	1pc
BP69672		2x6	2pc
BP69671		2x6	1pc
Indigo Surf			

BP69802		2x5	2pc
BP69801		2x5	1pc
BP69812		2x6	2pc
BP69811		2x6	1pc
Budding Creativity			

BP69782		2x5	2pc
BP69781		2x5	1pc
BP69792		2x6	2pc
BP69791		2x6	1pc
Sage Happiness			

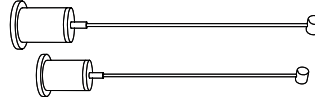
BP69582		2x5	2pc
BP69581		2x5	1pc
BP69592		2x6	2pc
BP69591		2x6	1pc
Clear Arbor			

BP69502		2x5	2pc
BP69501		2x5	1pc
BP69512		2x6	2pc
BP69511		2x6	1pc
Perforated Alloy			

ITEM NUMBER KIT CONTENTS

KIT B - Standard 8' Hanging Kit

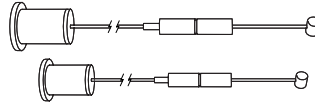
- BP7004 (2) Gripper Structure Anchors
(2) Gripper Adjusters
(2) 8' Suspension Cables



KIT C - Extended Hanging Kit - 16'

Allows for extended drops from deck and bottom end adjustment of height at panel.

- BP7005 (2) Gripper Structure Anchors
(2) Gripper Anchor Caps
(2) Upper Cables - 16'
(2) Gripper Bottom End Assemblies
(2) Bottom End Cable Adjusters



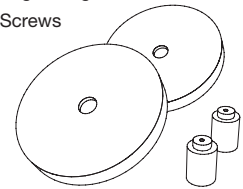
KIT H - Extended Hanging Kit - 30'

- BP7010 Same as Kit C above except 30' cables (2).

KIT D - Escutcheon Kit

Used when hanging canopy below an existing ceiling.

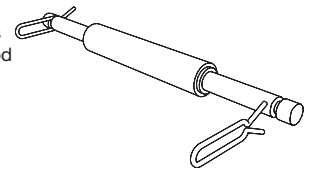
- BP7006 (2) Collars with Set Screws
(2) 2" Escutcheons



KIT E - Linking Kit

Links two canopies, side-by-side.

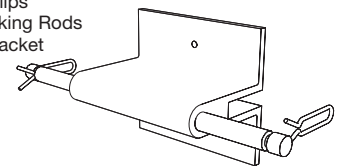
- BP7007 (2) Locking Clips
(1) 6" Linking Rod
(1) 3" Spacer



KIT F - Wall Attachment Kit

Anchors canopies side-by-side to a wall.

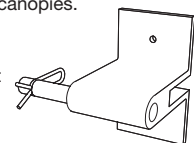
- BP7008 (2) Locking Clips
(2) 2-1/4" Linking Rods
(1) 3" Wall Bracket



KIT G - Wall End Attachment Kit

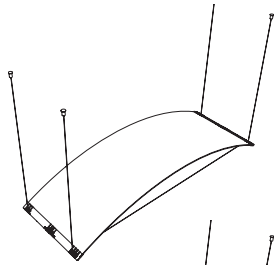
Used at ends when linking single or multiple canopies.

- BP7009 (1) Locking Clip
(1) 2-1/4" Linking Rod
(1) 1-1/2" Wall Bracket

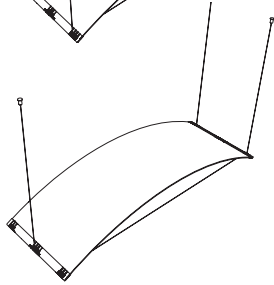


Ways You Can Suspend Infusions Accent Canopies

To Create: Single Canopies Suspended by Cables



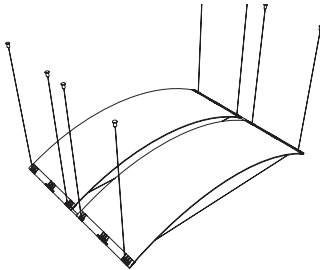
- One canopy with two cables on each side, you need:
- One Kit A Main Kit
 - Two Kit B, C or H Hanging Kits (depending on desired hanging length)



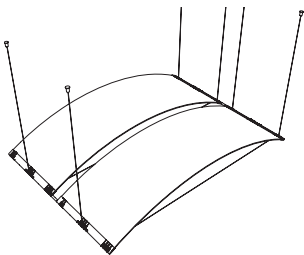
- One canopy with two cables on one side and one cable centered on the other side, you need:
- One Kit A Main Kit
 - Two Kit B, C or H Hanging Kits (depending on desired hanging length)

Note: One cable will be left over.

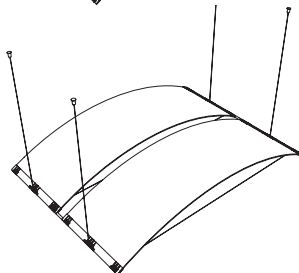
To Create: Linked Canopies Suspended from Above



- Two canopies linked and suspended with two cables on each side, you need:
- Two Kit A Main Kits
 - Four Kit B, C or H Hanging Kits (depending on desired hanging length)
 - One or two Kit E Linking Kits (Both sides do not have to be linked)



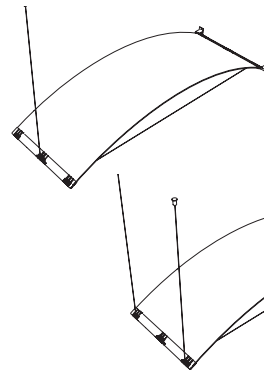
- Two canopies linked and suspended with two cables on one side and four cables on the other side, you need:
- Two Kit A Main Kits
 - Three Kit B, C or H Hanging Kits (depending on desired hanging length)
 - One or two Kit E Linking Kits (Both sides do not have to be linked)



- Two canopies linked and suspended with one cable on each side, you need:
- Two Kit A Main Kits
 - Two Kit B, C or H Hanging Kits (depending on desired hanging length)
 - Two Kit E Linking Kits (Both sides must be linked)

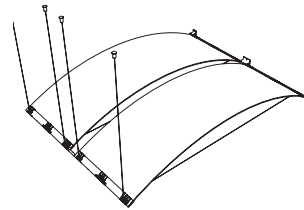
IMPORTANT: For proper fire performance, do not install Polycarbonate panels so that any portion of the panel is suspended directly above any portion of an aluminum panel.

To Create: Single Canopy Suspended by Cable and Wall Mounts



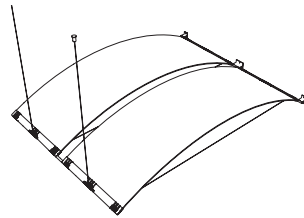
- You need:
- One Kit A Main Kit
 - One Kit B, C or H Hanging Kit (depending on desired hanging length - one or two cables on one side and wall mounts on the other side)
 - Two Kit G Wall End Attachment Kits

To Create: Two Linked Canopies Suspended by Two Cables per Side per Canopy and Wall Mounted on the Other Side



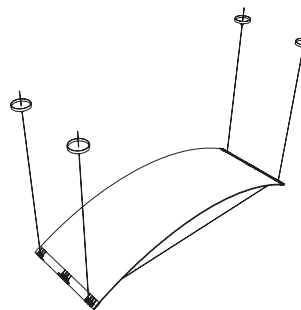
- You need:
- Two Kit A Main Kits
 - Two Kit B, C or H Hanging Kits (depending on desired hanging length)
 - One Kit F Wall Attachment Kit
 - Two Kit G Wall End Attachment Kits

To Create: Two Linked Canopies Each Suspended by One Cable per Side and Wall Mounts on the Other Side



- You need:
- Two Kit A Main Kits
 - One Kit B, C or H Hanging Kit (depending on desired hanging length)
 - One Kit E Linking Kit
 - One Kit F Wall Attachment Kit
 - Two Kit G Wall End Attachment Kits

To Create: Single Canopies Suspended Under an Existing Ceiling



FOR EACH KIT B, C or H THAT IS SPECIFIED, INCLUDE ONE KIT D TO PROVIDE A COVER FOR THE HOLE CREATED IN THE EXISTING CEILING.

Example: One Canopy with two cables on each side, you need:

- One Kit A Main Kit
- Two Kit B, C or H Hanging Kits (depending on desired hanging length)
- Two Kit D Escutcheon Kits

INFUSIONS

Accent Canopies

Relative Installed Cost

\$	\$\$	\$\$\$	\$\$\$\$
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Key Selection Attributes

- Canopies can be used to define spaces, accentuate an area, provide focus, create ceiling sculptures
- Standard components allow you to create custom configurations
- You can mix & match sizes, shapes, textures, finishes (Do not stack polycarbonate panels over top of aluminum panels)
- Durable
 - Impact-Resistant
 - Strong Edges
- Order lead time 3-4 weeks (Aluminum 12 weeks)
- Lighting can enhance the impact of canopies
- Use individually or in groupings, convex or concave, radius of 60° or 90°
- Suspend from the building structure or wall with a simple cable system or wall attachment
- Installation is fast and simple – no special tools are required
- Easy to order kits provide all the needed hardware

Typical Applications

- High visibility and focus areas, including:
- Hospitality & Retail
 - Offices
 - Lobbies, Atriums
 - Open Plenum areas
 - Transportation, Airports

Colors

See Inside

Visual Selection

DIMENSIONS

INFUSIONS – All colors except Simplicity Alloy/Perforated Alloy

Square Edge	2' x 5' x 0.250"
	2' x 6' x 0.250"

INFUSIONS – Aluminum – Simplicity Alloy/Perforated Alloy

Square Edge	2' x 5' x 0.125"
	2' x 6' x 0.125"

Physical Data

Material

- Polycarbonate
- Aluminum

Surface Finish

Smooth

Fire Performance

Infusions Canopies, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and their local codes for guidance where automatic fire detection and suppression systems are present.

The fire performance of Infusions Canopies meet the requirements for light transmitting plastics in Chapter 26 of the International Building Code. Infusions Canopies have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined in Chapter 8 of the International Building Code. For proper fire performance, do not install Polycarbonate panels so that any portion of the panel is suspended directly above any portion of an aluminum panel.

Aluminum panels are noncombustible.

Contact TechLine at (877) 276-7876, and select options 1-2-3, for specific US and Canadian fire performance data.

Weight; Pieces/Carton

Kit A

Material	2 x 5 2pc	2 x 5 1pc	2 x 6 2pc	2 x 6 1pc
Solid Polycarbonate	42 lbs	21 lbs	50 lbs	25 lbs
Channeled Polycarbonate	12 lbs	6 lbs	14 lbs	7 lbs
Aluminum	42 lbs	21 lbs	50 lbs	25 lbs

Weight of Kit A carton – 5.5 lbs

Kit B BP7004 – 0.3 lbs	Kit E BP7007 – 0.2 lbs
Kit C BP7005 – 0.5 lbs	Kit F BP7008 – 0.4 lbs
Kit D BP7006 – 0.1 lbs	Kit G BP7009 – 0.2 lbs
	Kit H BP7010 – 0.7 lbs

Warranty

Limited one-year warranty. See armstrong.com for details.

Suspension System

Canopy-specific hardware must be ordered based on your design plan. See web site for details.

Design Considerations

Infusions panels should always be installed in accordance with all applicable building codes and regulations.

Do not cut holes in or drill through Infusions panels. Doing so may cause the panel to bend in an irregular fashion.

The lowest point of a suspended Infusions panel should be at least 7'-6" above the finished floor surface.

Infusions panels are not approved for exterior application.

Plastic panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100° F after the tensioning cables have been installed. Follow these guidelines for minimum distance from standard light sources:

LAMP TYPE	LABEL WATTAGE	MINIMUM DISTANCE
Halogen FL XL PAR 30	60	14"
Incandescent Bulb	120	15"
Quartz Halogen Work Light	500	23"

Installation Considerations

The International Building Code requires the attachment of free floating architectural components to be designed for three times the design load. Use the assembled canopy weights provided in this table to select mounting hardware that will meet this requirement:

MATERIAL	2' X 5'	2' X 6'
Solid Polycarbonate	21 lb	25 lb
Channeled Polycarbonate	6 lb	7 lb
Aluminum	21 lb	25 lb

Always install in accordance with installation instructions.

Do not allow panel edges to get wet.

Seismic Restraint¹

- The International Building Code allows architectural components to swing freely as long as they will not be damaged or cause damage. Cable lengths less than 20 inches will generate the greatest amount of pendulum reaction during a seismic event, and should therefore be avoided. When it is not practical to use cables greater than 20 inches long allow lateral clearance around the canopies equal to, or greater than, the length of the cable.

- Canopies suspended from cables greater than 20 inches long will swing no more than 8 inches. Restraint of canopies has proven to be ineffective and is not recommended.

¹ Pendulum reaction information is based on full scale testing and computer modeling conducted at the Structural Engineering Earthquake Simulation Lab located at the State University of New York at Buffalo

U.S. Patents Pending, including U.S. Publication No. 2004/0182022

TechLine™ / 1 877 ARMSTRONG
1 877 276 7876

armstrong.com/infusions
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