

HOTLOK® SNAP-IN FILLER PANELS

KEY FEATURES

- Highly effective seal prevents hot air re-circulation in between filler panels
- Easy, tool-less installation and removal with built-in finger grips on the front of the panel
- Use with square-punched or tapped equipment mounting rails
- Available with an optional built-in temperature strip to visually identify hot spots
- Stackable for easy storage
- Made from a durable, lightweight plastic material that is RoHS compliant

APPLICATIONS

- Seal open rack-mount units in CPI Cabinet Systems that store 19" EIA rack-mount computer server and data storage equipment to prevent hot air re-circulation
- Use with Air Dam Kit to create a complete front-to-rear airflow barrier in CPI Cabinet Systems so that cold air flows through, not around, equipment and hot exhaust air exits the cabinet
- Use a HotLok® Snap-In Filler Panel with the optional built-in temperature strip near the top of a cabinet as an easy-to-use visual indicator for hot spots and potential thermal management/airflow problems

USE WITH

- F-Series TeraFrame® Cabinet System
- N-Series TeraFrame® Network Cabinet
- GF-Series GlobalFrame™ Cabinet System
- M-Series MegaFrame® Cabinet
- C-Series SlimFrame® Cabinet

RELATED ACCESSORIES

- Air Dam Kit
- Vertical Exhaust Duct
- Bottom Panel
- KoldLok® Raised Floor Grommet
- Remote Infrastructure Management (RIM-600)



Temperature Strip
Identify Temperatures within
a particular range
Accurate within +/- 1°C



Universal Mounting Style:
Fits Square-Punched and
M6/#12-24 tapped
mounting rails

The HotLok® Snap-In Filler Panels are solid panels used to fill open rack-mount units in cabinets that store rack-mount computer servers and data storage equipment. Use HotLok Snap-In Filler Panels with an Air Dam Kit to create a complete internal airflow barrier between the front and rear of the cabinet to block re-circulation of hot exhaust air through equipment.

The HotLok Snap-In Filler Panels attach to 19" EIA-310-D and EIA/ECA-310-E compliant square-punched or threaded equipment mounting rails. Universal panels fit .375 inch (9.5 mm) square-punched equipment mounting rails or M5/M6/#12-24 tapped equipment mounting rails. The cantilevered sealing vanes and snap-spring design create a 99 percent effective seal between adjacent panels and equipment blocking most airflow between panels. Optional built-in temperature strips have a color-coded scale to provide a quick visual indicator for hot spots. The scale shows the American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) recommended envelope range as blue; the allowable environmental envelope range as yellow and hot spots as red.

HotLok Snap-In Filler Panels are available in 1U and 2U heights and are sold in multi-packs. Panels can be stacked for easy storage. See reverse for product details or contact CPI Technical Support for configuration assistance.

SPECIFICATIONS

- HotLok® Snap-In Filler Panels close open rack-mount units in CPI Cabinets equipped with 19"W EIA-310-D or EIA/ECA-310-E compliant equipment mounting rails
- For indoor use only, in environmentally controlled areas; may not be used outdoors or in harsh environments
- Sizes:
 - 1U x 19"EIA
 - 2U x 19"EIA
- HotLok Snap-In Filler Panels are surface-mount and project .837" (21.26 mm) in front of equipment mounting rails
- Fits:
 - 19"W, EIA-310-D and EIA/ECA-310-E compliant equipment mounting rails
 - 1-3/4"H (44.45 mm) rack-mount spaces (U)
 - Universal 5/8" – 5/8" – 1/2" (15.9 mm – 15.9 mm – 12.7 mm) vertical hole spacing
 - .375" (9.5 mm) square-punched or M5/M6/#12-24 threaded/tapped equipment mounting holes
- HotLok Snap-In Filler Panel with Temperature Strip:
 - Color coded scale, indicates ranges for recommended (blue), allowable (yellow) and hot spot (red)
 - Accurate to within +/- 1°C (1.8°F)
- Certifications:
 - RoHS Compliant
- Material:
 - Composite plastic, meets UL94-V0
- Construction:
 - Molded
- Finish:
 - Smooth in black only

ORDERING INFORMATION

HotLok® Snap-In Filler Panels		
Part Number	Description	Shipping Weight lb (kg)
14171-310	1U, Black Panel, Pack of 10	3 (1.4)
14172-310	2U, Black Panel, Pack of 5	3 (1.4)
14171-320	1U, Black Panel with Temperature Strip, Pack of 10	4 (1.8)
14172-320	2U, Black Panel with Temperature Strip, Black, Pack of 5	3 (1.4)



HotLok Snap-In Filler Panel

- 14171-310, 1U x 19" EIA
- 14172-310, 2U x 19" EIA



HotLok Snap-In Filler Panel with Temperature Strip

- 14171-320, 1U x 19" EIA
- 14172-320, 2U x 19" EIA