



HotLok® 1U with Temperature Strip
46-10035

Purpose

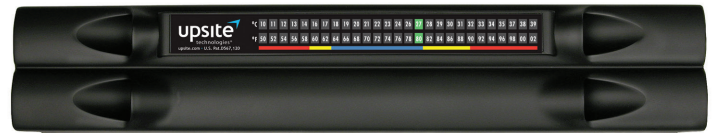
The HotLok® Blanking Panel is a snap-in blanking panel that seals the rack 29% better than the nearest competitor and helps you identify hotspots within minutes of installation.

The cabinet temperatures are indicated in colour-coded ranges, depending on location of temperature strip panel. The state-of-the-art technology, designed for both 1U and 2U openings, controls airflow for optimised cooling effectiveness. HotLok® Blanking Panel with Temperature Strip is Upsite's latest green solution for energy savings and reducing the carbon footprint of data centres.

Both 1U and 2U configured versions achieve the following:

- Reduce hotspots and bypass airflow by preventing equipment exhaust air or hot aisle air from migrating to the conditioned air-intake stream at the front of the cabinet.
- Deliver lower temperature conditioned air to the upper one-third of the cabinet, typically the hottest area and most prone to equipment failure.
- Control airflow to save energy by adjusting cooling unit setpoint.
- Identify temperatures within a particular range, accurate to within +/- 1°C:
 - Blue: Recommended Operating Range based on recommendations from ASHRAE.
 - Yellow: Allowable Operating Range based on equipment manufacturers' recommendations for Class 1 IT equipment.
 - Red: Outside Allowable Operating Range, indicates a definite risk.

PRODUCT OVERVIEW



HotLok® 2U with Temperature Strip
46-10038

Features

- Cantilevered sealing vanes eliminate the gap between adjoining Blanking Panels or with installed equipment.
- Tool-free, snap-in installation requires no additional parts or components for installation.
- Easy-pull removal for any EIA-310-E standard openings using ergonomically designed fingergrrips.
- 1U Panels stack 10 high and 2U Panels stack 20 high for easy storage and ready availability.
- Upsite® Temperature Strip colour-coded temperature ranges indicates potential hotspots by colour based on ASHRAE Standard.
- HotLok® Blanking Panels with Temperature Strips are a prerequisite to all cooling configuration best practices including hot and cold aisle containment.

Application

- Use 1U and 2U versions on cabinets with standard 19-inch rail widths (483mm).
- Use with any standard EIA-310-E openings.
- Use version with Temperature Strips to determine the temperature at that position in the cabinet or install through-out to determine the range of temperatures from the top to the bottom of the cabinets.
- Use in a Hot and Cold Aisle layout for low or high heat density cabinets.
- Use in existing cabinets for optimisation and standardisation.

Specifications

Part Number	Description	Quantity
46-10035	HotLok® 1U Blanking Panels with Temperature Strip - Universal Fit	Carton of 10
46-10038	HotLok® 2U Blanking Panels with Temperature Strip - Universal Fit	Carton of 5

Patent Pending Design

U.S. design patent number D577,360. Utility and international patents are pending.

Warranty

HotLok® Blanking Panels have a warranty for 12 months upon purchase date.

Certifications and Conformance

RoHS Compliant: HotLok® Blanking Panels are made of blended acrylonitrile butadiene styrene (ABS) that does not contain bromic compounds that have been found to be environmentally harmful.

Recyclable: The blanking panel product is made with recyclable ABS and the resulting product is recyclable. In addition, all packaging is made with some post-consumer recycled content and is 100 percent recyclable.

The Upsite® Temperature Strip is directly traceable to a Certificate of Conformance, and is calibrated in accordance with the American Society for Testing and Materials (ASTM) Standard E 1061-94 using equipment traceable to the US National Institute of Standards and Technology (NIST). Its temperature scale features both Celsius and Fahrenheit.

