upsite
technologies®

Airflow Management Products and Services

Pioneers in Data Center Airflow Management

KOLDLOK®   **HOTLOK®**   **AISLELOK®**   **ENERGYLOK®**

KOLDLOK®
Raised Floor Airflow Management

KoldLok Grommets are designed to virtually eliminate bypass airflow from cable cut-outs, increase capacity, enable higher density and dramatically lower energy consumption.
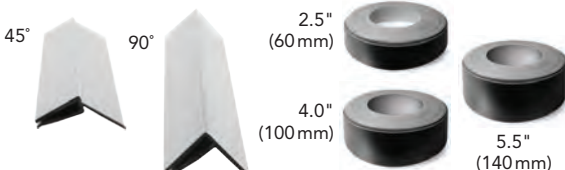
1 KoldLok Wave®
Item No. 20100

2 Integral
One Piece   Item No. 1010
Split   Item No. 3030

3 Surface Mount
Original   Item No. 2020
Large   Item No. 2030
XLarge   Item No. 2040

4 Mini
Item No. 10077

5 Round
4" (102 mm) Item No. 40001
6" (152 mm) Item No. 40003

6 Extended 3" Brush
5" x 24" (127 mm x 610 mm) Item No. 10012
5" x 60" (127 mm x 1524 mm) Item No. 10097

7 Extended 6" Brush
8" x 24" (203 mm x 610 mm) Item No. 10013
8" x 60" (203 mm x 1524 mm) Item No. 10098

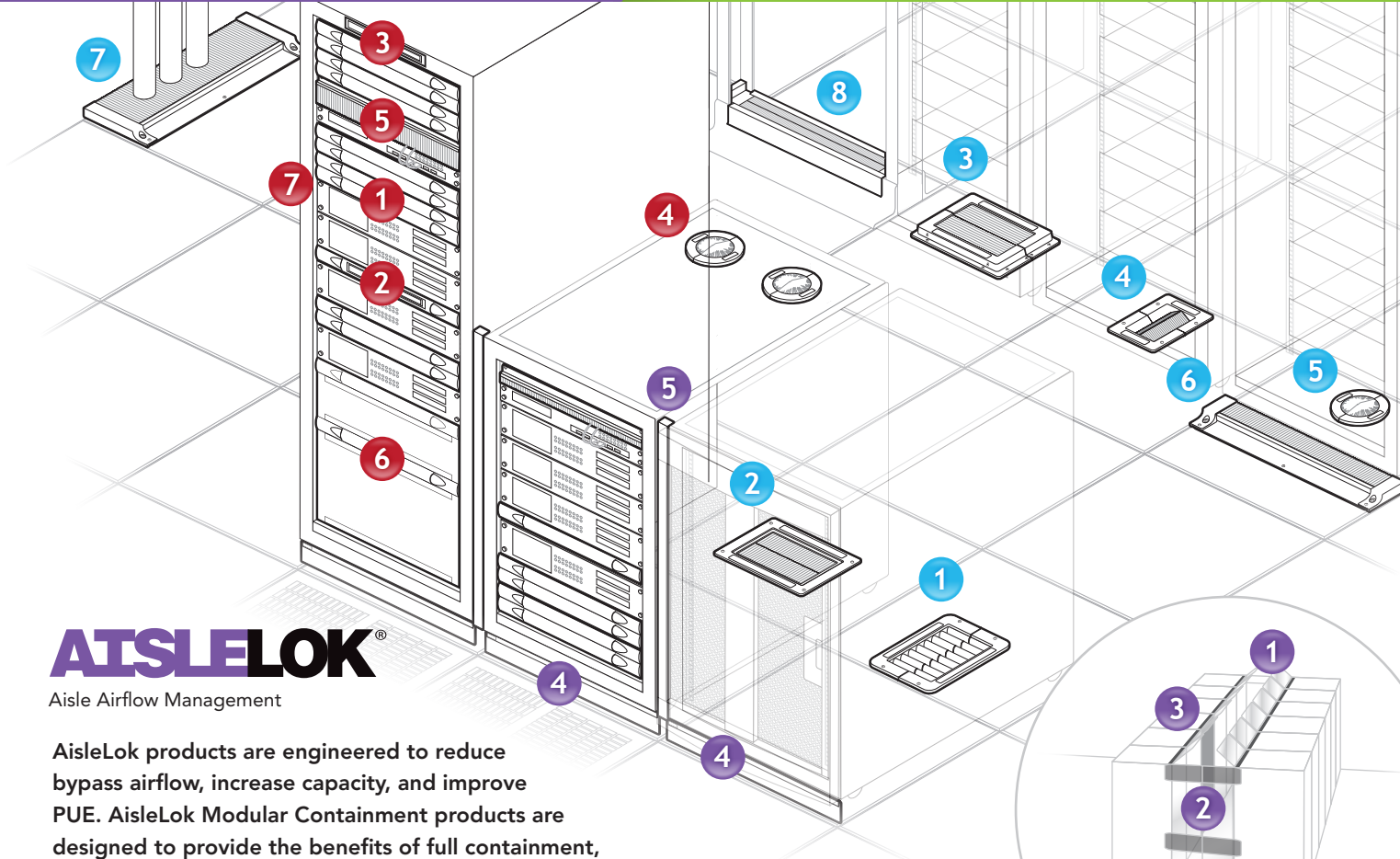**8 2 Post Rack Grommet**
Item No. 10123

HOTLOK®
Rack Airflow Management

HotLok products reduce high intake air temperatures by preventing hot exhaust air from circulating to the front of the IT cabinets. This improves IT equipment reliability and supports cooling infrastructure optimization.

1 Blanking Panel
1U Item No. 10031
2U Item No. 10033

2 Blanking Panel with Temperature Strip
1U Item No. 10035
2U Item No. 10038

3 Temperature Strip
Item No. 10009
Item No. 10125

4 Round 4" (100 mm) Rack Mount Grommet
Item No. 40002

5 Pass Through Blanking Panel
1U Item No. 10112
2U Item No. 10113

6 Full Rack Blanking Panel
Item No. 10143 – 42U
Item No. 10144 – 36U

7 Rack Airflow Management Kit
2.5" (64 mm) Roll @ 100' (30 m) Item No. 10139
4.0" (102 mm) Roll @ 100' (30 m) Item No. 10140
5.5" (140 mm) Roll @ 100' (30 m) Item No. 10141
45° Profile @ 105' (32 m) Item No. 10134
90° Profile @ 105' (32 m) Item No. 10132

45°   90°   2.5" (60 mm)   4.0" (100 mm)   5.5" (140 mm)

3 **ROW** *Ensure Hot and Cold Aisle Separation*

4 **ROOM** *Achieve Optimal Airflow Management*

AISLELOK ®

Aisle Airflow Management

AisleLok products are engineered to reduce bypass airflow, increase capacity, and improve PUE. AisleLok Modular Containment products are designed to provide the benefits of full containment, but with greater flexibility and better price value.

1 **Rack Top Baffle**
Modular Containment Product
24" (600 mm) Angle Item No. 10160
24" (600 mm) Vertical Item No. 10161
Also available in 30" (750mm) and 31.5" (800mm)

2 **Bi-Directional Doors**
Modular Containment Product
48" (1200 mm) x 42U Item No. 10163
Also available in 45U, 48U, and 50U

3 **Adjustable Rack Gap Panel**
10"– 60" (250 mm-1500 mm)
42U Item No. 10164
Also available in 45U, 48U, and 50U

4 **Under Rack Panel**
27.5" (700 mm) Item No. 10126
31.5" (800 mm) Item No. 10127

5 **Acrycell™ Sealing Tape**
½" (13 mm) Item No. 10108-001
1" (25 mm) Item No. 10108-002
2" (50 mm) Item No. 10108-003

ENERGYLOK ®

Room Airflow Management Services

EnergyLok Services drive computer room airflow optimization and enhance data center energy efficiency. This suite of services incorporates the science of airflow management to improve the overall health of the data center cooling environment.

Cooling Science Seminar
Unlock the science of data center airflow management and learn the latest trends in cooling efficiency in our 2 day on-site education service.

Cooling Capacity Assessment
Determine your cooling infrastructure utilization and identify potential gains to be realized by AFM improvements.

About Upsite Technologies

Upsite Technologies®, Inc., a pioneer and industry thought leader specializing in data center airflow management, provides a full suite of products and services designed to enable mission critical facilities to optimize cooling, increase reliability, and recover stranded capacity while reducing overall energy costs.

Upsite Technologies was created by the late Ken Brill, founder of the Uptime Institute, and launched in 2001 with the original KoldLok® Integral grommet. Upsite continues to successfully engineer, design and manufacture award-winning, patented solutions and believes that sharing our knowledge and science around airflow management supports the data center industry through open best practice discussions. Upsite's airflow management solutions are sold throughout the US, EMEA, Asia Pacific, and Latin America.

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