

# How *efficient* are you?

Start with an Upsite® Services cooling health benchmark. Get the fundamentals analyzed—hotspots, bypass airflow, cooling margin available—or go deeper.

Our diagnostic surveys deliver the details and our remediative strategies show you how to improve airflow and cooling inefficiencies for **greater reliability, increased operating cost savings, and rapid simple payback.**

*Count on Upsite solutions to save you energy dollars one degree at a time.*

Receive a *free* Upsite® Temperature Strip by completing the form located at [upsite.com/efficiency](http://upsite.com/efficiency).

## upsite® services

- ✓ return air temperature to cooling units
- ✓ bypass airflow
- ✓ perforated tile count and placement
- ✓ cooling capacity factor
- ✓ cabinet circulation patterns
- ✓ IT equipment intake temperature

| Savings Source                 | Annual Savings From Bypass Airflow Reduction (Reduced Cooling Use) |                               |
|--------------------------------|--|-------------------------------|
|                                | Per Cooling Unit (\$0.00/min)                                      | Per 10,000 Units (\$0.00/min) |
| Reduced Motor Hp               | \$1,960  | \$3,267                       |
| Reduced Maintenance            | 3,600  | 3,600                         |
| Reduced Latent Cooling Penalty | 4,541  | 7,370                         |
| <b>Total</b>                   | <b>\$10,101</b>  | <b>\$14,437</b>               |

Summary of annual operating expense savings from cooling units to be turned off.



*Upsite is an ENERGY STAR Service and Product Provider Partner, developing ways to optimize data centers and improve energy efficiency.*

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# How *efficient* could you be?

## KOLDLOK®

Next, eliminate bypass airflow with KoldLok® Raised Floor Grommets. Seal cable openings under or behind cabinets for up to 98 percent effectiveness.

Studies show that installing KoldLok Grommets facilitates data center managers turning off 18 percent of CRAC units at an annual operating cost of approximately \$5,000.

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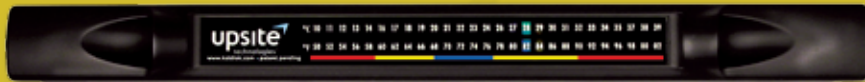
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# What could greater **hot|lok** *efficiency* do for you?

Finally, prevent circulation of hot exhaust air with HotLok® Blanking Panels. Seal unused rack unit openings in IT server cabinets for up to 99.97 percent effectiveness.

New research from Upsite shows that installing HotLok Blanking Panels can help data center managers achieve up to 29 percent reduction in annual operating costs and simple payback in a few months.



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