



**DBBC**

**Demand Based Cooling™**

***Demand Based Cooling  
Solution Process***

Helping You Determine if  
DBC Can Work for You

## What is Demand Based Cooling?

Demand Based Cooling System (DBC) is a total systems level approach to optimizing Data Center airflow. Thermal analysis using comprehensive data center CFD and best practices are coupled with an advanced active airflow management system which monitors and manages CRAC units and adds networked intelligent airmovers to radically improve Data Center cooling efficiency and redundancy. Since many Data Centers are overcooled but have airflow distribution issues, by actively controlling airflow and cooling, both efficiency (PUE) and cooling capacity are radically transformed. [Data Center cooling efficiency is improved by 20 to 40%, in the typical case, while cooling redundancy is simultaneously enhanced.](#)

## How to Determine if DBC is Right for You:

### Step 1 – Schedule a DBC Webinar

This is approximately a 30 minute presentation walking you through what makes efficient cooling in data centers, AdaptivCool product overview, how it works, CRAC failure management and case studies. We will provide you with a toll free call in number. We suggest that you set aside about 1 hour to allow for questions and comments.

### Step 2 – On Site Walk thru Evaluation

After the webinar, if you believe our solution might work for your situation; the next step begins with a thorough on site evaluation of your data center. On this initial walk thru we will gather information to determine the total available cooling, IT load and check for under floor obstructions.

### Step 3 – Proposal/Scope of Work

The information from the on site evaluation is now calculated. We will then generate the Proposal which will include a Scope of Work. In this proposal, we will outline the pricing, length of time it will take to accomplish the job and the energy savings you will incur from deploying our DBC Solution.

