

# Featured Product

## CPI Aisle Containment Services

Aisle Containment Solutions by Chatsworth Products (CPI) use a total design approach that optimizes cooling efficiencies for data centers of all sizes and needs. Reaching the full potential of these efficiencies requires a comprehensive strategy that integrates airflow containment with the facility and related infrastructure. Rather than leave these variables to chance, CPI recommends that customers maximize their performance with CPI Aisle Containment Services, an invaluable partner during any aisle containment installation.

Containing a data center's airflow is a sound cost-savings investment – especially when correctly installed as a total thermal solution. Data centers can virtually utilize 100% of supplied air, increase heat densities and allow more free cooling hours. The real challenge is ensuring that unique variables are properly addressed by an experienced team that can deliver dramatically lower operating costs. Without this attention to detail, Aisle Containment's benefits may not be fully realized. CPI approaches that need on two key levels, which begins with a Pre-Installation Site Survey and continues with On-Site Installation Supervision Support.



### Pre-Installation Site Survey

Each Aisle Containment Solution begins with a feasibility assessment of the site. This assessment is key to product selection and delivery. A member of CPI's technical staff personally conducts an overall site inspection, which includes room layout and measurements. This process also helps identify architectural factors such as airflow delivery, overhead structures, uneven areas in the floor, sources of bypass airflow and other obstacles unique to each installation.



### On-Site Installation Supervision Support

Before assembly begins on an Aisle Containment Solution, it's important to understand the pieces and parts that help the system reach its fullest potential. CPI's On-Site Installation Supervision Support delivers that assurance through experience, technical expertise and hands-on training. Available during a specified portion of the installation, this support includes initial training for the installation contractor, related technical support, inspection of delivered materials and a thorough examination of the initial pods. Each of these steps helps ensure that projects begin on time, are completed faster and end as a total thermal solution that has been optimized to effectively reduce total cost of ownership.



CHATSWORTH PRODUCTS, INC.

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## Pre-Installation Site Survey

Additional Services Included:

- Examination of facility challenges and unique environmental circumstances
- Assessment of whether a standard or custom containment solution is needed
- Overview of components needed in a 100% total solution (seal, airflow, etc.)
- Clarity on construction, allowing a more accurate bidding process
- Define proper and secure attachment points for the system
- Recommendations to improve site prior to containment arrival
- Suggested Bill of Materials (BOM) around the desired/recommended solution

## On-Site Installation Supervision Support

Additional Services Included:

- Introductory training on basic components
- On-Site inspection to resolve any issues concerning shipping, damage, etc.
- Staging of materials in a proper and adequate assembly area
- Overview of installation procedures for standard and/or custom assemblies
- Preassembly strategies for certain components
- Best practices for protecting components during construction
- Assembly solutions around lighting, sensors, irregular seals, etc.
- Inspection of initial pods to ensure an optimized installation

## How to Order

From the building design phase to actual installation of an Aisle Containment Solution, CPI's Aisle Containment Services can be utilized during any project stage. CPI's knowledgeable Regional Sales Managers and Technical Support Specialists are able to collaborate with designers, contractors, architects and installers to determine your specific needs. Once those needs have been determined, CPI will help develop a customized support strategy for each customer that ensures peak performance and reduced cooling costs through Aisle Containment.

Both the Pre-Installation Site Survey and On-Site Installation Supervision Support are available in 8-hour blocks and can be expanded on a case-by-case basis. Additionally, all suggestions and performance statements are based on using an overall approach to airflow containment through the use of CPI Products and solutions. For more information about CPI's Aisle Containment Services, call 800-834-4969, email [techsupport@chatsworth.com](mailto:techsupport@chatsworth.com) or contact your Regional Sales Manager.

**For more information about CPI Aisle Containment Solutions visit [www.chatsworth.com/aisle-containment](http://www.chatsworth.com/aisle-containment), call 800-834-4969 or email: [techsupport@chatsworth.com](mailto:techsupport@chatsworth.com)**



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