

# Maldives Data Center Cold Aisle Construction Case



## Overview

The Enclosure comprises of Precision cooling with hot and cold aisle containment, UPS with extended battery runtime, Fire suppression system (NOVEC 1230), Biometric access control, Environment monitoring, PDU's, Internal DB and IT racks with cable management. ng financial institution in Maldives. We are a full-service bank engaging across the complete spectrum of personal, SME and corporate financial services. Shariah compliant banking services are offered through our BML Islamic window. With over 290,000 customers, we are privileged to touch the lives. Ardmac have developed a range of Ground Supported (GS) and Ceiling Supported (CS) assemblies catering to an array of different modular and off-site construction industry requirements. Standardised solutions offer high performing scalable and modular HAC designs with established interfacing for. The maiden Integrated Modular Data Center in a resort was successfully deployed and commissioned at Anantara Kihavah Maldives. It reviews a case study of an electronics manufacturer that implemented these containment strategies to optimize cooling. Most trusted source for Tendering Opportunities and Business Intelligence since 2002 Global Tenders - World's most comprehensive and latest tender information. Invitation for Expression of Interest (EOI).



## Article Content

Dec 13, 2025

Tender for Designing and building an integrated dual-row cold aisle ...

Tender for Designing and building an integrated dual-row cold aisle containment modular data centre Bank of Maldives. GlobalTenders . Business Opportunities trade leads tender notices bids

Jan 02, 2026

On cold-aisle containment of a container datacenter

A full cold-aisle containment design without Coanda effect shows the best overall performance. In this study, influences of various blockage arrangements as well as cold-aisle

Jan 19, 2026

Data Center Containment 101

INTRODUCTION Regardless of if we're entering a data center for the first time or have been doing so for years, most data centers have something in common. As you walk through rows of racks, you'll

Jan 08, 2026

What To Know About Hot-Aisle, Cold-Aisle, And Chimney Data Center ...

Containment systems are used in modern data centers to isolate the hot discharge air from the cooler supply air, managing cooling by separating the airflow. This separation of hot and

Mar 05, 2026

Hot Aisle & Cold Aisle Containment Solutions & Case

The document discusses hot aisle and cold aisle containment strategies for data centers, highlighting their importance in improving airflow management and

Aug 06, 2025

Data Centre Cooling: Hot Aisle and Cold Aisle Design

Data Centre Cooling: Hot Aisle and Cold Aisle Design Data centres have become an integral part of today's technological landscape, used to store, process and

Sep 05, 2025

The Advantages And Disadvantages Of Hot-Aisle, Cold

But there are some disadvantages to cold-aisle containment. Allowing the discharge air from the hot aisle to fill the room results in temperatures

Aug 27, 2025

Installation & Commissioning of Integrated Modular Data

The maiden Integrated Modular Data Center in a resort was successfully deployed and commissioned at Anantara Kihavah Maldives.

Nov 30, 2025

Move to a Hot Aisle/Cold Aisle Layout

Hot aisle/cold aisle layout makes sense for the vast majority of new data centers or data center expansions. However, retrofitting an existing data center with a new

Jan 30, 2026

FOCUSED COOLING USING COLD AISLE CONTAINMENT

Cold aisle containment can be used with or without conventional raised floor cooling. It is easily retrofitted into existing raised floor data centers and works in tandem with the raised floor as well as

Mar 31, 2026

Smarter Hot & Cold Aisle Containment for Data Centers

Discover how hot and cold aisle containment systems, enhanced with polycarbonate multiwall panels provided by thyssenkrupp Engineered Plastics, help data centers cut energy costs,

Jul 26, 2025

Invitation for Expression of Interest

Bank of Maldives (BML) invites qualified and experienced local and international vendors to submit an Expression of Interest (EOI) to tender for the design, build, and construction of an integrated dual

Sep 04, 2025

Hot Aisle vs Cold Aisle in Data Centers: Technical

Data centers are ovens if left unmanaged. Hundreds, sometimes thousands of servers pump out heat — and your HVAC doesn't care about waste

Dec 10, 2025

Polargy | Data Center Hot Aisle and Cold Aisle Containment

Polargy designs and manufactures airflow and room partitions including aisle containment, structural ceilings, modular walls and independent floor structures. These solutions have been engineered to

Apr 11, 2026

#### Hot And Cold Aisle Data Center Containment

Containment is needed in data centers and is a best practice followed by most modern data centers. For more inputs on containment and designing and

Apr 12, 2026

#### Cold & Hot Aisle Containment For Data Center Efficiency

Learn how cold and hot aisle containment improves airflow, reduces energy use, and boosts reliability in data centers. Backed by CFD insights from

Aug 07, 2025

#### Cold Aisle Containment in Data Centers | Subzero

Minimize your data center's footprint, establish optimal operating efficiencies and save money with cold aisle containment. Learn more here!

Aug 11, 2025

#### Data Center Hot and Cold Aisle: A Quick Guide

A data center hot and cold aisle is a strategic layout for organizing server racks to manage airflow and enhance cooling

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#### Implementing Hot and Cold Air Containment in Existing Data Centers

Executive summary Containment solutions can eliminate hot spots and provide energy savings over traditional uncontained data center designs. The best containment solution for an existing facility will

Jun 16, 2026

#### What are hot and cold aisles in the data center?

Using hot and cold aisles in a data center is part of an energy-efficient layout for server racks and other computing equipment. Find out more here.

Mar 30, 2026

#### Optimizing Data Center Cooling: The Power Of Hot And

Discover how to optimize your data center cooling system with hot and cold aisle containment. Learn about the assessment, design, installation, and

Jun 18, 2026

### Ground Supported (GS) Hot and Cold Aisle Containment

As part of our design strategy for the manufacture and assembly of data centre facilities, hot and cold aisle containment solutions are amongst the most

Jul 23, 2025

### Hot aisle/Cold Aisle Containment in Data Centers For Most Energy

Topics Why is energy efficiency important for data centers? Basics of Airflow Management for Data centers Hot and Cold Aisle Containment - Configurations Hot Aisle vs Cold

Oct 28, 2025

### Data Center Design: Hot Aisle & Cold Aisle – Length

Efficient airflow management in data centers relies heavily on proper Hot Aisle and Cold Aisle configurations. To maintain thermal performance, equipment

Nov 29, 2025

### Explore hot and cold aisle containment for your data center

Hot and cold aisle containment can help you maintain the best air flow, temperature and humidity in the data center to keep servers running efficiently.

Jan 15, 2026

### Ground Supported (GS) Hot and Cold Aisle Containment

This case study details the application of an Ardmac ground supported, structural HAC (Hot Aisle Containment) assembly for a data centre project based in Austria.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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