



## Optimize performance

The Daikin Chiller Plant Controller is a package solution to sequence and optimize the use of Daikin chillers in chillers plants. It uses a standard and configurable controller and integrates the chillers and others plant components, like VFDs using BACnet.



Multitouch  
Color Display



100 VA 24 VAC  
Power Supply



Ethernet and  
WiFi connection

Defying your limits

# Daikin Chiller Plant Controller

## Easy remote control

The Daikin Chiller Plant Controller uses a local display with intuitive navigation screens so the operator does not require a dedicated PC to operate the plant, besides the Local display the controller can also be integrated on the customer's LAN and be accessed using a standard Internet Browser from any device connected to the network without the need to install and license a dedicated software, these devices include PCs, Tablets or mobile phones.



# Main functionalities

## Checks chiller availability:

Determines which chillers are available based on unit controls, BACnet communication and pump status

## Sequencing:

Determines which available chillers will operate based on energy efficiency

## Staging:

Calculates the appropriate amount of energy to meet chiller demand, taking temperature and rotation into consideration

## Stopping:

Recycles the order of chillers to meet demand capacities

## Manage settings:

Ensures the number of operating chillers stays within a certain range, regardless of capacity demand

## Constant flow pump control:

Condensation, Constant Primary

## Variable volume distribution pumps module:

Variable primary, decouple



## Intelligent Manager

Our factory-engineered system can optimize the performance, increase the efficiency of your chiller plant room, helps you reduce energy costs and increase the lifetime of your equipment.

## Components / Chiller Plant Controller

Components	Description
Distech EC-BOS-8	A compact, embedded controller and server platform for connecting multiple and diverse devices and sub-systems. With Internet connectivity and Webserving capability, the EC-BOS-8 controller provides integrated control, supervision, data logging, alarming, scheduling and network management.
ECY-S1000	The ECLYPSE Connected System Controller is a modular and scalable platform that is used to control a wide range of HVAC applications. It supports multi-protocol communications including BACnet/IP and is a listed BACnet Building Controller (B-BC).
Display	HORYZON Series displays provide easy and intuitive access to the internal data of ECLYPSE™ ECY series controllers, and of ECB series BACnet® and ECL series LONWORKS® controllers when they are operating under ECNet™.

Standards and Regulations:



\*Our commitment to continuous improvements can mean changes in specifications without notice.



Daikin is the world's leader in Air Conditioning. We are devoted to deliver outstanding products and innovative home, business, and industrial solutions.

Defying your limits  
www.daikinlatam.com