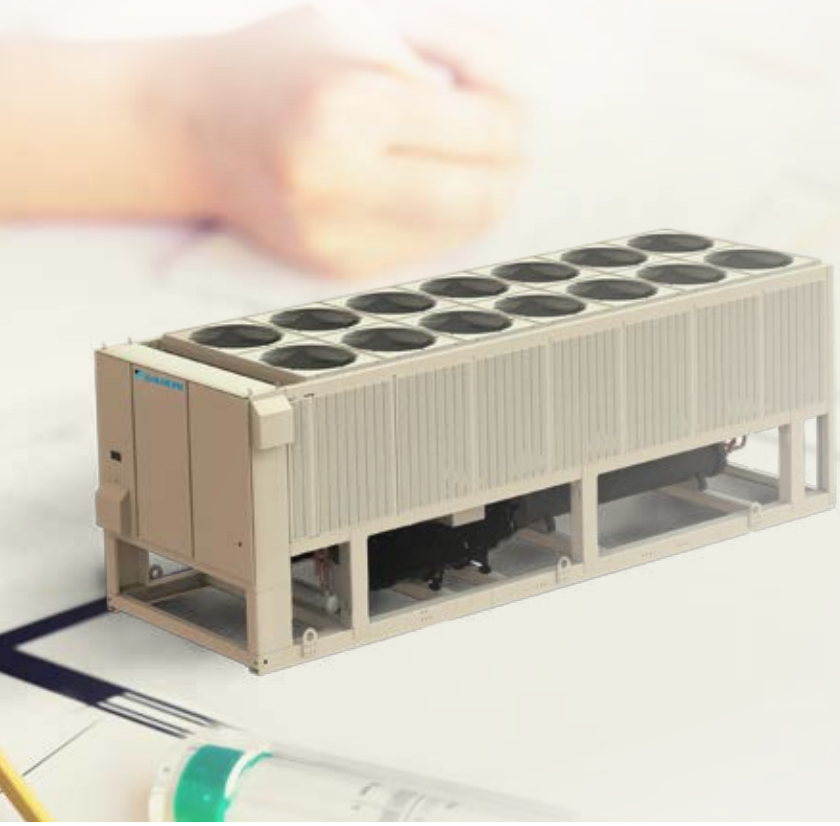
DAIKIN
Air Conditioning

頑張る
Perseverance



## Are you prepared for operational disruptions to your HVAC system?

From natural disasters to everyday mechanical failures, all facilities face some level of risk due to loss of cooling in their facilities. A failure could result in anything from minor discomfort due to lack of temperature control to losing hundreds of thousands of dollars due to lost productivity. Knowing what you have at risk can help you decide the level of planning that is warranted.

Be ready when the unexpected happens

# Contingency Planning

Many companies work diligently to make sure their facilities have proper evacuation and safety plans. However, few think about what it will take to get the facility back up and running if something were to happen to their mechanical systems.

Let us develop a Contingency Plan for you. We will walk you through the steps to determine the financial risks associated with losing control of your indoor environment. When it comes to emergencies, we all understand the importance of having a plan and practicing it. These practices help us react quickly during stressful times and are designed to help protect your most valuable assets.

### Program benefits

Shorten the time needed to acquire, install and start up HVAC equipment.

Reduce startup delays caused by oversights or problems resulting from improvised designs.

Improve a facility's operation by identifying critical infrastructure that must be maintained.

# Laying out your plan

## STEP 1 Financial risk analysis

The contingency process begins with a review of the different functional areas of your facility, their dependence on power, HVAC equipment, and the impact a loss could potentially have. By understanding the importance of these items to your operations and quantifying their financial impact, we can determine the areas that need to be considered.

## STEP 2 Risk assessment

We will identify the potential causes for an interruption and rank them based on cost impact, probability of occurrence and system downtime.

## STEP 3 Equipment identification

Your Daikin Applied Represenative will work with you to document all equipment in your HVAC and power systems, including their operating conditions. This process may uncover system weaknesses that need to be addressed prior to implementation of the plan.

## STEP 4 Prioritization

We will evaluate your most critical facility loads and process needs for essential operations, including those with the highest financial implications for your business. At this point, you may want to consider load prioritization and/or load shedding to reduce the amount of capacity required. For a short period of time, you may be able to operate with higher air temperatures in certain areas and completely shut down others.

## STEP 5 System connection

How and where connections are made helps reduce time and money. Care will be taken to choose a location that is easily accessible and that requires the least amount of temporary installation material to keep additional costs to a minimum.

## STEP 6 Power availability

The need to document the available voltage(s) and amperage is vital because a transformer or generator may be required. Even if your power has not been affected, some temporary units may require more power than your existing equipment uses.

## STEP 7 Electrical connection

Whether existing electrical service is adequate or new electrical service will be installed, we will establish the location of the temporary electrical connection(s) and how they will be made.

## STEP 8 Temporary equipment location

Equipment location is important for determining how much electrical cable and chilled water hose will be required. We will also consider safety of the public and personnel, security, ease of placement, equipment clearances, structural loads, ground firmness and level, noise, public visibility, auto and pedestrian traffic, permits, and many other things to minimize the impact on normal operations.

## STEP 9 Plan creation

Your Daikin Representative will provide your organization with a plan proposal. Included in the proposal are the recommended temporary equipment solutions, the total investment required (both capital and expense), budgetary figures for the temporary solutions (including first and recurring costs), detailed roles and responsibilities for internal and external resources.

## STEP 10 Implement and review

To help expedite the ordering and delivery of a temporary system, in an emergency situation, it is important to make sure that all documents, such as purchase orders and rental agreements, are completed, and all recommended building modifications are made. We also recommend that the plan be reviewed at least once a year, or when any facility changes are made.

## Think long-term

With a contingency plan, you gain control and peace of mind knowing that your facility is prepared to operate through any disaster and be back up and running quickly. Disruptions can occur at any time. Having a plan and being prepared in advance can reduce the risk of financial loss.

* For more information about our complete line of Parts and Service, contact your local Daikin Applied Service or visit www.daikinapplied.com to find an office near you.