



DAIKIN360

**OPTIMIZE**

EQUIPMENT PERFORMANCE WITH  
A DAIKIN ASSURANCE PLAN



Extend the life of your equipment with a Daikin Assurance Plan. As with any complex equipment, periodic inspections and parts replacement can help add years to its lifecycle. This is vital when capital budgets are tight or uncertain. We can detect potential problems during the off-season before they cause catastrophic failures, saving you hours of downtime and thousands of dollars in emergency repairs in the peak season.

Our comprehensive approach to equipment assurance starts with our Daikin chiller service professionals. Our specialists receive factory training that independent contractors can't match, all to ensure that your equipment continues to perform and meet your organization's goals.

## CUSTOMER BENEFITS INCLUDE

### EXTEND EQUIPMENT LIFE

Keep your equipment running longer

### MITIGATE RISK

Minimize the potential of catastrophic failures

### REDUCE COSTS

Invest in planned service now vs. reactive service later

### RESTORE EFFICIENCY

Get equipment back to factory specs

### NEW MANUFACTURER'S WARRANTY

Includes a standard 2-year parts and labor warranty

### NEW UNIT SERIAL NUMBER & NAMEPLATE

Allows project funding to come from capital budgets vs. maintenance budgets



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### STEP 1: SYSTEM EVALUATION

Comprehensive system evaluation to ensure everything is running in tandem with your chiller.

- Pumps
- Cooling towers
- Chilled water plant controls

*Manufacturer's recommendation: an inspection of internal working parts should be done every 8 to 17 years or 50,000 operating hours.*

### STEP 2: CHILLER EVALUATION

Comprehensive chiller evaluation using non-destructive testing (NDT) techniques.

- Refrigerant analysis
- Oil analysis (Models WSC/WDC)
- Eddy current test
- Insulation inspection
- Tube inspection/cleaning
- Water flow sensor checks
- Controls
- Sensor calibration checks
- Inspect electrical connections

### STEP 3: OPEN INSPECTION

A comprehensive inspection is the proactive way to identify any potential issues with major components that could pose a catastrophic failure.

#### Magnetic Bearing Centrifugal Compressors (Model WMC)

- Replace inlet guide vane assembly
- Replace compressor capacitor bank
- Replace soft start module
- Verify shaft magnetization
- Verify and inspect all top-side and service-side compressor components

#### Oil-Based Centrifugal Compressors (Models WSC/WDC)

- Inspect inlet guide vane assembly
- Open and inspect compressor components
- Open and inspect lubrication system
- Check clearances and tolerances

### STEP 4: REVIEW WITH OWNER

Present overall evaluation and options to address any potential concerns for failure due to excessive wear on internal parts. Identify and confirm the work to be performed.



## Save Big On Optional Upgrades

Take advantage of additional upgrades while your equipment is being serviced. Not only will you save on labor since your equipment is already opened; upgrading your equipment could allow it to qualify as a new depreciating asset.\*

- |                                    |                                     |                                     |
|------------------------------------|-------------------------------------|-------------------------------------|
| ▶ Control upgrades                 | ▶ BMCC upgrades (magnetic)          | ▶ New electrical contacts (oiled)   |
| ▶ Repainting / protective coatings | ▶ Compressor replacement (magnetic) | ▶ New lubrication system (oiled)    |
| ▶ New water sensors                | ▶ Check valves                      | ▶ Low & high speed bearings (oiled) |
| ▶ Relief valves                    | ▶ Flow switches                     |                                     |

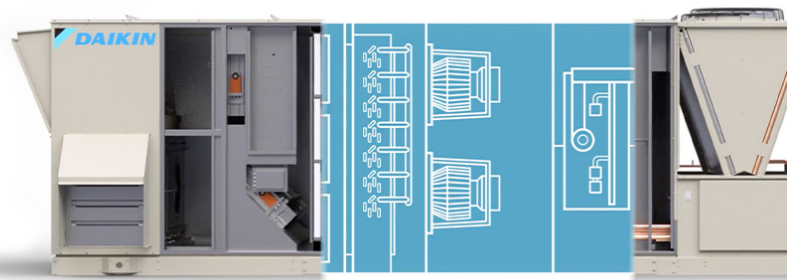
*\*Check with your finance department for feasibility*

## OUR BRAND PROMISE

At Daikin, our goal is to make the time you spend indoors as productive and pleasant as possible, with superior comfort and quality air. Let us help you build convenience, confidence and excellence into your buildings, and free up your people to work toward your mission. Whether you need immediate service, routine maintenance or an expert consultant, Daikin is here to help. Daikin Service will make your building the second best performing employee that props up everyone else.



We deliver extraordinary results for remarkable value. This means being ready for you whenever, wherever and however you need us. Your Daikin Service team is on standby with well-outfitted local resources that are backed by the world's number one air conditioning company. Whether you're looking to extend the life of your equipment or to drive efficiency into every aspect of your business, our team will identify the solutions to meet you where you are today and take you where you want to go.



## DAIKIN360 INTEGRATED SERVICE SOLUTIONS

We understand that your building is one of your company's most significant investments, and a cornerstone of growth and success. Our expertise in HVAC systems, delivered through Daikin360 Integrated Service Solutions, can help make your building your second-best employee by creating an ideal environment and quality air that propels your people and customers forward. Plus, our advanced energy-saving solutions and protective maintenance plans can help you control your maintenance and operational costs. You can count on Daikin Applied for advanced technology, agility and reliability.

Whenever, Wherever, However You Need Us.



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