



**DAIKIN APPLIED SERVICE**  
*Technically better...*

Daikin Applied Service  
Chiller Health Check  
Air & Water Cooled Screw



Proactive plan to rejuvenate your chiller's performance.

Daikin Applied Service wants you to get the most out of your chiller investment. Our fully trained engineers are highly experienced and qualified to carry out your chiller health check.

Our preventative approach ensures that we capture and address any issues before it reaches a critical state avoiding long periods of disruption to your business.

**AHUs**

**CHILLERS**

**PROJECTS**

**SERVICE**

# Your leading service & maintenance partner

## Proactive - Preventative - Performance

### Chiller health check for air cooled & water cooled chillers

HVAC-R equipment that contains fluorinated greenhouse gases in quantities of 5 tonnes of CO<sub>2</sub> equivalent or more must be checked for F-gas leakage by certified personnel only.

During these checks, precautionary measures are taken to prevent leakages. In case a leak is reported, it is repaired without undue delay.

### OPTION 1 – SYSTEM EVALUATION

Comprehensive system evaluation of your system to ensure everything is running in tandem with your chiller. Pumps, cooling tower, and chilled water plant controls and log chiller.

*\*Manufacturer's recommendation: an open inspection of internal working parts should be done every 25,000 operating hours.*

### OPTION 2 – CHILLER EVALUATION

Comprehensive chiller evaluation of your chiller's condition using non-destructive testing (NDT) techniques.

- › Oil analysis
- › Eddy current test
- › Inspection of insulation
- › Tube inspection/cleaning
- › Inspect electrical connections and controls
- › Check all water flow sensors
- › Check all calibrations of sensors

### OPTION 3 – OPEN INSPECTION

An open inspection is the best way to be proactive in identifying any internal wear on the components that could pose a catastrophic failure.

- › Inspect and gate rotors for wear
- › Open and inspect compressor screw
- › Open and inspect Lubrication System
- › Check lip clearances and tolerances

### REVIEW INSPECTION & REPORTING

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

## Why Daikin Applied Service?

Daikin Applied Service is pleased to bring you flexible, preventative service & maintenance packages designed to ensure your chiller's running at peak efficiency and help extend its operating life.

Our engineers can detect potential problems during the off-season before they cause catastrophic failures, saving you hours of downtime and thousands of pounds in emergency repairs.



#### Flexible service & maintenance packages

- › ALL manufacturers HVAC equipment maintained
- › 24/7 Emergency call out service
- › 24 hour response times to call outs
- › Qualified HVAC engineers located nationally
- › On-site training for 'front line' service requirements
- › F-Gas registered
- › Remote monitoring via the web
- › Full spares availability & management

For more information email [info@daikinappliedservice.uk](mailto:info@daikinappliedservice.uk) or visit [www.daikinappliedservice.uk](http://www.daikinappliedservice.uk)

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