

# ENERGY & COST SAVINGS

ENSURING YOUR LONG-TERM PEACE OF MIND.

## VALUE ADDED SERVICES

# CHILLER REFRIGERANT ANALYSIS

Predictive Services

## ABOUT DAIKIN APPLIED ASIA & OCEANIA

Engineered for Performance and Flexibility

- Daikin Group is global leaders in the Air Conditioning sector.
- 96,000 employees globally.
- Over 100 Production manufacturing sites across the world.
- Providing technological solutions in more than 170 countries in the world.
- Daikin Applied Asia & Oceania is a subsidiaries under Daikin Industries Ltd Group ("Daikin") of companies.



[www.daikinapplied.com](http://www.daikinapplied.com)



# DAIKIN APPLIED VALUE ADDED SERVICES

## What you can't see can hurt your chiller.

Your chiller's refrigerant can tell you a lot about the condition of your chiller. Expert laboratory analysis of your refrigerant can identify the presence of rust, sludge, and harmful acids in your chiller system.

- **Analysis Custom Tailored to your Chiller**

By comparing the results of the analysis against the chiller's historical operating data, our experts can reliably diagnose the condition of your chiller and make recommendations accordingly.

- **Daikin Expertise**

Experienced Daikin service technicians will extract the refrigerant sample accordingly, ensuring it not contaminated by outside influences.



## How it Helps You?

- Rust build-up on the heat exchanger tubes decreases efficient heat transfer, causing the compressor to work harder and waste energy.
- Rust particles falling to the bottom of the evaporator shell mix with the oil, causing improper lubrication, premature parts wear, and clogged valves and orifices.
- Hydrofluoric and hydrochloric acids, formed by the combination of moisture and refrigerant, are highly corrosive.

## Benefits

- ✓ Ensures operating efficiency.
- ✓ Comprehensive report is provided.
- ✓ Recommendations for keeping your chiller at peak operating efficiency by Daikin experts.