Chiller Assurance Program

Proactive plan to rejuvenate your chiller's performance.

Features and Benefits

Reduce Risk
Proactive vs. Reactive Approach

Reduce Costs
Invest now and save later

Restore Efficiency
Back to factory specs

Extend Equipment Life
Keep your chiller running longer

Special Pricing
15% discount on parts
October through March

Daikin Applied wants you to get the most out of your chiller investment. Daikin Applied is pleased to bring you the Chiller Assurance Program (CAP), a preventative maintenance package designed to ensure your chiller's running at peak efficiency and help extend its operating life. The CAP 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

Proactive - Preventative - Performance

Chiller Assurance Program for oil-based centrifugal compressors (single or dual)

Step 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.

*Manufacturer's recomendation: an open inspection of internal working parts should be done every 8 - 15 years or 50,000 operating hours.

Step 2 – Chiller Evaluation

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

- Oil Analysis
- Refrigerant 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

Step 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 inlet guide vane assembly
- Open and inspect compressor components
- Open and inspect Lubrication System
- Check clearances and tolerances

Step 4 – Review Inspection Report with Owner

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 perform

Optional Upgrades –

If you wanted to completely modernize your chiller and get even more fromyour chiller, now is the time to do it. Since your chiller is already opened you would save on the labor hours and capitalize by doing it now. Not only do you save on labor costs now, but your investment could qualify to be a new depreciating asset (please check with your finance department for feasibility). This includes replacement of all major components:

- Control upgrades
- New Lubrication System
- New Name plate
- Chiller repainted
- New electrical contacts
- Low and High Speed Bearings
- New Sensors
- Relief Valves

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