

Air Conditioning Services

**kan**

شركة كان العربية ذ.م.م  
kan Arabia company L.L.C.

WITH KAN YOU'LL HAVE NO MORE WORRIES!



## Air Conditioning Optimization

Operating an air conditioning system in a commercial building is costly. If the system is not optimized to achieve energy efficiency and reliability, then that cost will increase. Inefficient use of energy also results in unnecessary carbon emission.

The kan Arabia optimization service is designed to ensure your air conditioning system is correctly set to meet your buildings particular operational requirements while achieving high energy efficiency and reliability. Optimizing your system will result in considerable savings your organization.

Additional improvements, if not already used, such as free cooling and variable speed drives, can further increase efficiency. The performance analysis undertaken can also reduce downtime and associated downtime costs through proactive actions.

An air conditioning maintenance service with kan Arabia includes optimization during each service. Our Energy Team is available to monitor your air conditioning system 24/7. Should there be a fault or a drop in performance, an alarm will alert our Team to take immediate action, there by reducing both costs and system downtime.



## Key Elements of Optimisation are:



Performance Analysis - detailed picture of how the air conditioning system is performing, highlighting all areas of poor performance and inefficiency



Performance Improvements - proactively address all faults and inefficiencies



Performance Monitor - implement ongoing 24/7 performance monitoring to maintaining high efficiency all year round.

Save money  
and energy by  
optimising your  
air conditioning



# Air Conditioning Maintenance

An air conditioning system must be effectively maintained to ensure it operates efficiently, reliably and is compliant with regulations. A kan Arabia air conditioning maintenance service includes three key elements.

## Element 1 - Performance Analysis

Performance Analysis is undertaken to determine in detail how the air conditioning system is performing. An engineer will analyze the performance data to identify any inefficiencies, faults, potential faults and deviating operating parameters.

## Element 2 - Implement Optimization Improvements

Implementation of all optimisation improvements to ensure optimum efficiency. Repair of all faults and developing faults is undertaken, and the air conditioning system recommissioned to operate to the current required parameters.

## Element 3 - Compliance

Complete all improvements and record all changes to meet regulatory compliance.



## Types of Air Conditioning:

- ✓ Air Cooled Chillers
- ✓ Water Cooled Chillers
- ✓ Screw Chillers
- ✓ Absorption Chillers
- ✓ VRV & VRF Systems
- ✓ Splits & Multi-splits

kan Arabia provide  
a genuine 24/7  
service 365 days  
a year



# Air Conditioning Projects

**The kan Arabia air conditioning project team are experienced and capable of undertaking all types of air conditioning designs & installations projects.**

Whether an additional air conditioning system is required or a chiller needs replacing, kan Arabia teams are ready to deliver.

Our in-house design team will provide alternative options and advice before a final selection is made. Where free cooling & heat recovery options are suitable, we would provide free designs and payback calculations for your consideration.

Our team will manage the project right from design stage, installation and through to the final commissioning, before handing over the project to the customer and our maintenance team.

The air conditioning maintenance engineer would be consulted when commissioning takes place to ensure any new system or chiller is set up correctly to the buildings requirements.

A photograph of two men in a meeting. One man in a light pink shirt is leaning over a desk, looking at a computer monitor. Another man in a blue shirt is sitting at the desk, also looking at the monitor. The background shows a wall with a poster.

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kan Arabia  
provide a free  
design service

*Customers choose kan Arabia because we  
employ the very latest in diagnostic service  
procedures, state-of-the art tools and test  
equipment, and professional development training  
for all of our employees*

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