



ITQAN GLOBAL
HVAC SOLUTIONS

رؤية
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

Expert Care for Your Indoor Climate.



مؤسسة اتقان العالمي للتبريد والتكييف
ITQAN GLOBAL REFRIGERATION & AIR CONDITIONING CONT.

HVAC Solutions | Installation | Maintenance | Repairs

About Us

With years of industry experience, we specialize in providing tailored HVAC solutions for residential, commercial, and industrial clients. Our services ensure optimal performance, energy efficiency, and long-term reliability.



Mission

To improve indoor environments through professional HVAC services that prioritize comfort, efficiency, and sustainability. We dedicate ourselves to providing solutions that boost quality of life while reducing energy consumption and operating costs.



Vision

To guide the HVAC industry's shift to sustainable practices by introducing eco-friendly solutions, while maintaining the highest standards of comfort and reliability for our customers.

Our Expertise

- **Operation & Maintenance of HVAC & Refrigeration system**
- **Supply, System Installation and Commissioning**
- **Smart HVAC Controls and Automation**
- **Preventive and Corrective Maintenance**
- **Design, supply installation of Ducting and Chilled water line**
- **Indoor Air Quality Solutions**
- **HVAC & Refrigeration Design and Engineering**
- **Energy Optimization and Retrofits**
- **Supply HVAC Spare Parts**



Maintenance Services



- Comprehensive O&M of VRF, DX packaged units, split systems, concealed units, cassette ACs, tower ACs, wall-mounted units, and window units.
- Operation & Maintenance of air-cooled and water-cooled chiller plants.
- Servicing of HVAC Systems: AHUs, FCUs, FAHUs, pumps, cooling towers, IDEC systems, adiabatic cooling systems, and BMS solutions.
- Unitary Products Maintenance: Split, packaged, and VRF units.
- Operation & Maintenance Contracts: SLA-based agreements tailored to client needs.
- Planned Preventive Maintenance (PPM) for DX units, chillers, and IDEC systems.
- Reactive & Corrective Maintenance for DX units, chillers, and IDEC systems.
- Major Service & Repairs for all systems, including large tonnage chillers.
- Electrical, Controls & BMS Services to ensure optimal system performance.
- Specialized Coil Repairs: Repair of aluminum condenser coils with advanced equipment.



Operation and maintenance contracts with SLA basis agreements



- Operation & Maintenance of All type of DX Packaged Unit, Ducted Split Unit, Concealed units, Cassette AC, Tower AC, Wall mount split AC & Window AC, etc.
- Operation and Maintenance of Water Cooled and Air-Cooled Chiller Plant.
- Operation and maintenance of AHU, FCU, Chilled water pump, condensed water pump and cooling tower
- Operation and Maintenance of IDEC system and adiabatic cooling system
- Operation and maintenance of BMS system

Where
Comfort
Meets
Efficiency.



Planned preventive Maintenance

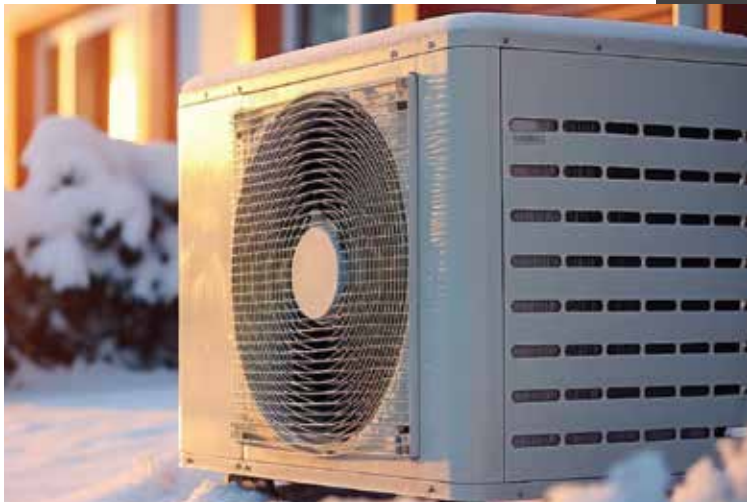


We Performs the following activities during Monthly, Bi-Monthly and quarterly basis preventive maintenance as per OEM guidelines

- | | |
|---|---|
| <ul style="list-style-type: none"> ◦ Check electrical wiring and connection for tightness. | |
| <ul style="list-style-type: none"> ◦ Straighten up to normal position coil fins using comp. | <ul style="list-style-type: none"> ◦ Clean air & carbon filters. |
| <ul style="list-style-type: none"> ◦ Inspect compressor motors for proper operation. | <ul style="list-style-type: none"> ◦ Lubricate fan motors & bearings. |
| <ul style="list-style-type: none"> ◦ Lubricate shafts bearing and motors | <ul style="list-style-type: none"> ◦ Check belts for excessive wears and change if necessary |
| <ul style="list-style-type: none"> ◦ Inspect fan for bent blade and correct as necessary. | <ul style="list-style-type: none"> ◦ Clean fan motors for proper operation. |
| <ul style="list-style-type: none"> ◦ Clean coils with cleaning detergents. | <ul style="list-style-type: none"> ◦ Clean coil with cleaning detergent. |
| <ul style="list-style-type: none"> ◦ Inspect pipes & valves for leak & poorer insulation frighten connection as necessary. | <ul style="list-style-type: none"> ◦ Check power & other control units & systems, correct defectives if any. |
| <ul style="list-style-type: none"> ◦ Check refrigerant pressure & charge additional refrigerants if and as necessary. | <ul style="list-style-type: none"> ◦ Check & calibrate thermostat. |
| <ul style="list-style-type: none"> ◦ Remove debris from air screen & clean area around the unit. | <ul style="list-style-type: none"> ◦ Test capacitors. |
| <ul style="list-style-type: none"> ◦ Check unit for proper operation noise & vibration. | <ul style="list-style-type: none"> ◦ Start unit & check for proper operation. |

Seasonal HVAC maintenance tasks

We also conduct HVAC preventive maintenance tasks on a seasonal basis twice a year—once for the fall and winter seasons; and once for the spring and summer seasons.



Fall and winter preventive HVAC maintenance tasks

Spring and Summer preventive HVAC maintenance tasks





Predictive maintenance

We are also providing predictive maintenance services and using data analysis to identify operational anomalies and potential equipment defects, enabling timely repairs before failures occur. It aims to minimize maintenance frequency, Reduced energy consumption, improved efficiency, extend equipment lifetime, avoiding unplanned outages and unnecessary preventive maintenance costs.



Reactive Maintenance

We are providing proactively reactive maintenance services on call basis and SLA basis.



Breakdown Maintenance



Run to failure Maintenance



Corrective Maintenance



Emergency Maintenance

Installation Services

DX and VRF HVAC units

Comprehensive design, supply, installation, testing, and commissioning of VRF, VRV, packaged, ducted, concealed, floor-standing, cassette, and split-type air-conditioning systems. Designs are optimized for energy efficiency, comfort, and seamless integration with existing building management systems.



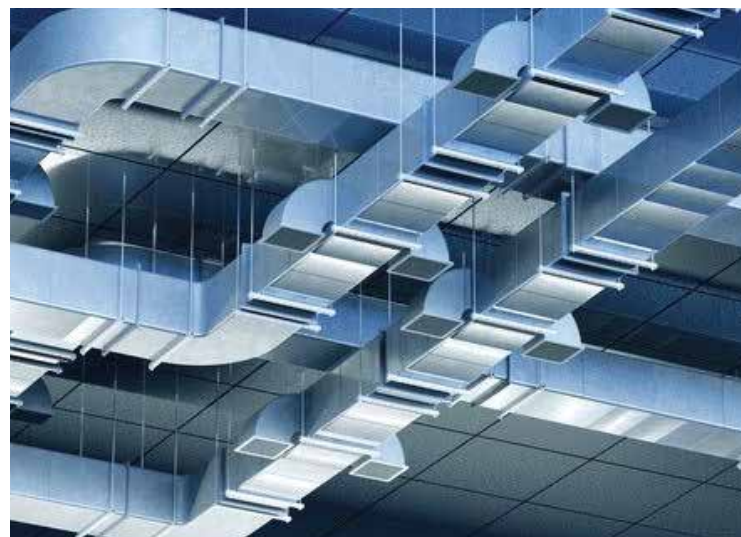
Chiller Systems

End-to-end design and installation of central chiller systems including FCUs, AHUs, IDEC systems, and related controls. Our engineered solutions ensure peak performance, efficient cooling, and operational reliability across commercial and industrial facilities.



Ducting Works

Full design, fabrication, and installation of air distribution systems with insulation, leak-proof sealing, and acoustic treatment. All designs adhere to ASHRAE, SMACNA, and local standards for airflow efficiency and noise reduction.





Chiller Water Piping

Engineering design and installation of chilled water piping systems incorporating insulation, pressure testing, flow balancing, and long-term durability analysis. Each system is customized for optimal hydraulic performance and minimal thermal losses.



Cold Storage Rooms & Sandwich Panel Rooms

Turnkey design and installation of walk-in chiller and freezer rooms, including structural sandwich panel enclosures, refrigeration equipment, and control systems. Each system is engineered for superior insulation performance, hygiene compliance, and long-term operational stability.



Specialized Maintenance



Itqan Global provides advanced HVAC maintenance solutions to enhance performance, reliability, and system longevity.

Predictive Maintenance: Data-driven monitoring and analytics to prevent failures and extend equipment life.

Reactive & Corrective Maintenance: Fast-response services for breakdowns and emergency repairs.

Compressor Overhauling: Servicing and overhauling of centrifugal, screw, and reciprocating compressors.

Air & Water Balancing: Testing and balancing to optimize system efficiency and comfort.

Chiller Services: Replacement, retrofit, and upgrading of chiller systems for improved reliability.

DX Unit Services: Modernization and performance upgrades of DX HVAC systems.

Cooling Components: Coil repairs and re-tubing of chiller condensers for sustained cooling efficiency.



Spare Parts Supply

Itqan Global provides a comprehensive range of genuine spare parts and consumables to support all major HVAC and refrigeration systems. Our inventory ensures quick availability and reliable replacements to minimize downtime and maintain system performance.

Genuine Parts: Authentic components compatible with all leading HVAC and refrigeration brands.

Comprehensive Range: All type compressors, All type motors, Fans, Blowers, coils, electrical controls, sensors, valves, filters, Freons, Copper pipes and fittings, Insulations, PCB, PLC and more.

Quality Assurance: All parts sourced from certified manufacturers and tested for durability and efficiency.



Why Choose



01

At Itqan Global, we combine engineering excellence, innovative technology, and customer-focused service to deliver reliable and efficient HVAC solutions across every sector.

02

Expertise & Reliability

Decades of proven performance across residential, commercial, and industrial HVAC projects, supported by a team of certified engineers and skilled technicians.

03

Customized Solutions

Flexible, client-centric service models and maintenance contracts designed to meet specific project requirements and operational goals.

04

Sustainability Commitment

Implementation of energy-efficient and eco-conscious technologies that enhance system performance, reduce operational costs, and support a greener future.

Clients



BEVERLY HILLS



POLO CLUB



Calvin Klein CHARLES & KEITH



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