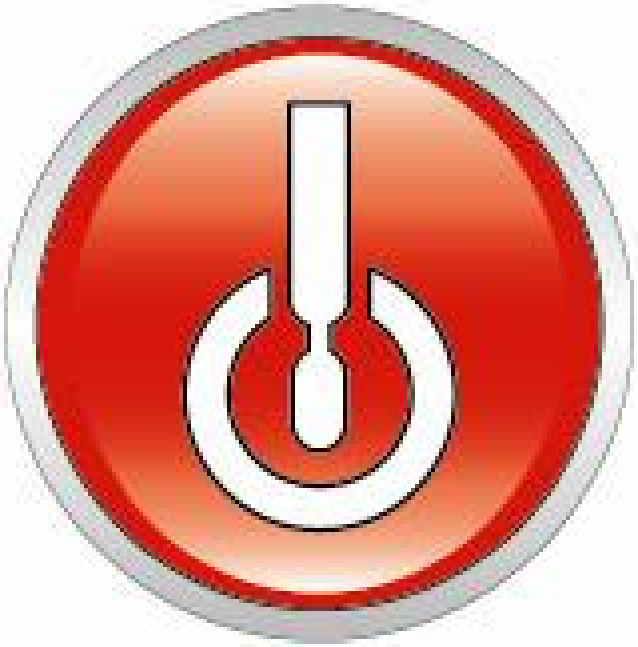
Ctrltech®
Power, Cooling & Monitoring

CONTROL TECHNOLOGIES FZE

Company Profile

Control Technologies Fze | Ph: +971 6 5489626 | E: sales@ctrltechnologies.com
Sharjah, UAE. | M: +971 50 1537113 | W: www.ctrltechnologies.com



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Agenda

1. Who we are?
2. What we do?
3. Our Mission & Vision.
4. Our Product offering.
5. Our Solution offering.
6. Our Services offering.
7. Reach us.

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Who we are?

- Control Technologies Fze (Ctrltech) founded in 2008. It is based at Sharjah Airport Free Zone, Sharjah. We provide our services to all Emirates i.e. Dubai, Sharjah, Abu Dhabi, Ras Al Khaima, Al Ain & Fujairah.
- Our major focused market is Middle East and Africa which mainly included countries like UAE, Qatar, Saudi Arabia, Iraq, Kuwait, Oman, Afghanistan, Cameroon, Kenya, Congo, Djibouti, Zambia, Namibia etc.
- We supply products to offer solution for Power, Cooling & Monitoring of critical application.
- We supply best brands of product available in market to achieve efficient solution. We promise our customers with the highest quality of services possible. Ctrltech is dedicated to deliver world-class infrastructure services, effective solutions, competitive pricing and most importantly, excellent customer services that listen to the customers.

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Power, Cooling & Monitoring

What we do?

We offer Power, Cooling & Monitoring Solutions for critical applications. We design, supply and install Power, Cooling and Monitoring equipment which includes:

- Uninterruptible Power Supply (UPS).
- Computer Room Air Conditioner (CRAC) or Close Control Unit.
- Dehumidifier, Humidifier, Desiccant Dehumidifier.
- Voltage stabilizer or voltage regulator.
- Water Leakage Detection System.
- Environmental Monitoring system for Server room.
- Static Transfer Switch (STS).
- Evaporative Air Cooler.

Our Mission & Vision

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Power, Cooling & Monitoring

Our Mission :

We want to be Global total Solution & Services provider to provide on-stop Green Solution & Services for Power, Cooling, Monitoring & Dehumidification for critical application with quality & reliability to achieve high uptime of application through satisfied, trained work force.

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Our Mission & Vision

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Our Vision :

We want to be Global total Solution & Services provider for:

1) **Power Supply, Distribution, Protection & Conditioning equipments required between power grid & computer chip.**
2) **Designing of Data Center.**
3) **Leading Green Dehumidification Solution Provider.**
4) **Power, Cooling & Monitoring Solution provider for critical applications.**

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Our Product offering.

Power Product

1) Uninterruptible Power Supply (UPS).
2) Voltage Stabilizer or Automatic Voltage Regulator.
3) Static Transfer Switch (STS)
4) SMF Battery.
5) Power Distribution Unit.
6) Inverter.
7) Transient Voltage Surge Suppressor (TVSS)
8) Generator.

Cooling Product

1) Close Control Unit (CCU) or Precision Air Conditioner or Computer Room Air Conditioner (CRAC).
2) Portable Dehumidifier.
3) Industrial Dehumidifier.
4) Swimming Pool Dehumidifier.
5) Industrial Humidifier.
6) Industrial Evaporative Air Cooler.

Monitoring Product

1) Water Leak Detection system.
2) Ultrasonic Leakage Detection System.
3) Facility Monitoring System.
4) Environmental Monitoring system for server room &

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Our Product offering.

UNINTERRUPTIBLE POWER SUPPLY (UPS)

We offer complete range of Italian make Online UPS from 1kVA to 4800kVA. Feature of our UPS are as follow:

1. True On-Line Double Conversion Technology VFI.
2. Reliable, filtered, stabilized and regulated sine wave output as per EN50091-3 specifications.
3. Low Total Harmonic Distortion which will give minimum impact on mains and reduces Generator and transformer size.
4. Maximum reliable and power availability – connect up to 6 units in parallel N+1 Redundancy, even of different power rating.
5. High Reliability: IGBT Technology, Fully Microprocessor controlled with no-break static and

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Our Product offering.

CLOSE CONTROL UNIT (CCU)

Close control Unit (CCU) also commonly known as Computer Room Air Conditioner (CRAC) or Precision Air Conditioner (PAC) use for precise control of Temperature along with Humidity in Server room, Datacenter, Laboratory and various Industrial applications. Our Closed Control Unit (CCU Or CRAC) has following features:

1. 5kW to 60kW nominal cooling capacity.
2. Up flow and down flow configuration.
3. Modular construction & Low Noise. Small footprint.
4. Advanced controls technology.
5. Tandem scroll compressors. Optimized evaporator
6. Option of Air & Chilled water.
7. Low noise condenser fan (optional)

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Our Product offering.

PORTABLE DEHUMIDIFIER

We offer Portable Dehumidifier or De-humidifier for applications such as Home, Spa, Server Room, Library, Laboratory, Museums, warehouse and Industrial Application in Dubai & UAE. Portable Dehumidifier has following features:

1. Dehumidification: 10, 20, 22, 30 L/day at ambient condition 30 degrees Celsius, 80% RH. Low Power consumption.
2. Pre-filter removes dust, eliminates larger floating pollutant particles and odor. Optional permanent drain facility.
3. Low Noise level. Carbon filter removes the odor smell.
4. Option of Built in water reservoir & Continuous drainage.

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Our Product offering.

INDUSTRIAL DEHUMIDIFIER

We offer complete range of Industrial Dehumidifier or De-humidifier, Marine Dehumidifier or De-humidifier in Dubai, UAE and Middle East Countries. Industrial Dehumidifier has following features:

1. Dehumidification: 20, 30, 55, 78 & 100 L/day.
2. Axial fan with aluminum fan wheel (with winding protection). Compressor type: Rotary.
3. Fully hermetically sealed rotary compressor, protected against overloading, vibration-insulated.
4. Automatic hot-gas defrosting, controlled by Dry-Logic.
5. Coolant: R-407c CFC-Free. Low Noise level.

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Our Product offering.

Swimming Pool Dehumidifier

In swimming pool, spas, shower rooms and gymnasia are high relative humidity and condensation areas. Humidity in such areas can be reduce with help of Dehumidifier which can ensure the well being of the occupants & to avoid damage to building structure.
We offer complete range of swimming pool dehumidifier or De-humidifier in Dubai, UAE and Middle East Countries. These dehumidifier has innovative elegant designs. It is of floor mount, ceiling mount or wall mount type.

Our SPD Series Swimming pool dehumidifier has capacity range from 36 liter/day to 800 liter/day.

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Our Product offering.

VOLTAGE STABILIZER or VOLTAGE REGULATOR.

We supply Voltage stabilizer or Servo stabilizer or Voltage Regulator ranging from 500VA to 1000kVA in Dubai & UAE. Our AVR has following features:

1. Wide input voltage range from +30% to -45% with option of ±15%, ±20%, ±25% & ±30%.
2. Reliable Output Voltage Stability.
3. Short Circuit and Overload Protection.
4. Microprocessor Controlled. Servo motor controlled.
5. High Overload Capability up to 200%.
6. Operation Capability at high Temperature and Humidity.

Brands: ORTEA, IEKO, INFORM, SERVO MATIC etc.

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Our Product offering.

STATIC TRANSFER SWITCH (STS)

We offer Static Transfer Switch (STS) and Automatic Transfer Switch (ATS) from 50A to 400A. STS has following features:

1. Increased power quality
2. Easy monitoring all parameters on LCD display
3. Fast microcontroller. Power blackout protection.
4. Automatic static switching. Remote monitoring of input power sources. Power event logging.
5. Easy static and mechanical transfer between separate input sources. Remote management of power events.
6. Advanced RS232 communication features. DRY contact alarm interface. Two redundant power supplies form electronic boards (hot swappable).

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Our Product offering.

WATER LEAK DETECTION SYSTEM

We offer Water leak detection system for server room, Datacenter, telecommunication room & Industrial applications.

Water leakage detection systems early detects potential water leakage problem. Notification can be obtained over alarm, e-mail & SMS ensures highest uptime for your business. False alarm can be avoided with help of adjustable sensitive threshold. Event logging to for easy diagnostic Leakage detection can be done over distance, zone or specific spot. It reduces major financial risk at minimal cost. Web interfaced owned telecommunications switches, damaged files. Personnel safety can be threatened by roof leaks in building or by fire from water caused electrical short circuits.

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Our Product offering.

ENVIRONMENTAL MONITORING SYSTEM

We offer stand-alone monitoring appliance that provides dynamic, real-time temperature, humidity, and dry contact monitoring of computer rooms, data centers, and any critical environment. It has following features:

1. Real time monitoring of Humidity and Temperature.
2. Includes dry contact for alarms from critical equipment include power monitoring, water sensors, smoke and fire alarms, motion detectors, airflow, and access/entry sensors.
3. Permits remote monitoring of temperature, humidity and digital dry contact.
4. Notification of alarms via email, SMS, SNMP traps when specified temperature and humidity thresholds

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Our Product offering.

EVAPORATIVE AIR COOLER

We offer complete range of Industrial Air Coolers or Commercial Air coolers or Evaporative Air Coolers. Coolers are available to cover area from 700 Sq. Ft. to 4000 Sq. Ft. These coolers are commonly use in public places like airport, bus station, shopping mall, showroom, warehouse, Outdoor tea/coffee house, school, super market, canteen, hospital & inside Tents. It also use in Hot industries, poultry farm, horse farm, Textile & refinery and underground parking. Available in wide range to cover area from 700 sq. ft. to 4000 sq. ft. Very low power consumption. As low as 2.5 amp or 490W. Three variable speeds. Motor is Humidity proof. Largest water tank capacity of 60 liter. Maximum Airflow. Large 30 inch Aluminum Die Casted Axial Fan. Full Functional remote Control (optional). Options of Manual Water inlet and Automatic Water inlet.

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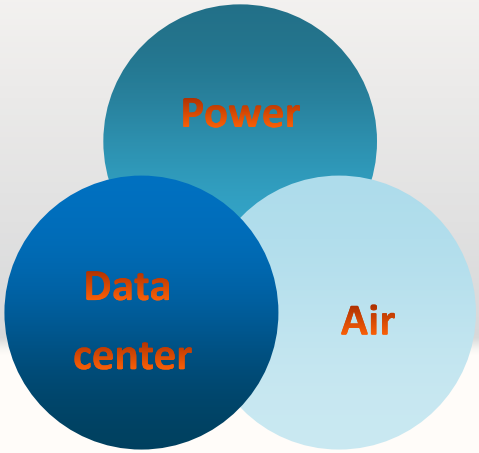
Our Solution offering



Power : We provide gamut of products to achieve Power conditioning, backup, distribution & protection required between Power Grid & your computer chip to ensure continuous, clean and safe power supply for your critical applications. Productivity of any business is totally depending on continuity of power supply.

Air : Air Conditioning & its treatment is one of the important aspects of various applications. Some of applications like Telecommunication, laboratories, Datacenter etc. not only require precise control of temperature but also humidity. We offer wide range of products to control temperature & humidity at precision level.

Data center : Three major requirement of reliable Datacenter operation are Uptime, security & safety. Data center runs several applications that handle the core business and operational data of the organization. In today's world some or other way Datacenter becomes backbone of every business. provide complete solution to ensure continuous & pure power supply & Distribution to your Datacenter.

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Our Services offering

1. **Design & Building Datacenter & Server room:** We design & build Data centers and Server Room based on industry standards. We can help you change an empty room or existing computer room into a 21st century data center design. Designing includes Documentation & Budgeting, Site and environmental survey to select Data center Site & Selection, Supply & Integration of various Data Center equipments like CRAC, UPS, Raised Flooring, Generator, ATS, fire detection/suppression, water detection, access control, security/CCTV, monitoring, soundproofing and more.

2. **Support & Maintenance:** Data Center infrastructure includes various equipments. Regular maintenance of these equipments becomes necessity to keep high uptime. We provides Annual Maintenance contract for Power, Cooling, Security & Monitoring equipments like UPS, Generator, CRAC, Access control, fire suppression etc., Quarterly Preventive maintenance & Suggestions regarding security & Monitoring of Data center.

3. **Audit of Existing Data Center:** Due to continuous changing technologies, one needs to keep updated infrastructure of Data Center for highest efficiency and Uptime. We provide audit for issues regarding Power, cooling efficiency and provide solution & to assess security and protection standard of Data Center

Reach Us

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THANK YOU!

Your Logo