



Cool Volts Services

Certified By CPRI

About Us

We COOL VOLT SERVICES an established company in Bangalore with multiple business activities in the field of Electrical Electronics, BMS/BAS with main focus on HVACR applications and Experts in HVAC Projects. The company has experienced and skilled professionals running the show. Cool Volt Services, is focused in efficiently catering to the HVAC needs of the customer. We have the Expertise, Infra- Structure, Work force and Capability to design, plan, procure, execute and commission large, medium and small HVAC systems for industrial, commercial and residential applications.

Our Vision

Customer is our main focus and quality service is our competence. Our vision is to do business without boundaries and deliver high quality product and service to the customer with appropriate and best possible commercial value. Our business is based and containing the designed concept of long-term association with continued effort to improve the efficient accomplishment of the customer needs. We are firmly committed to the quality and paramount deliverance of the HVAC products and services to the customer. Customer is our main focus and quality service is our competence. Our vision is to do business without boundaries and deliver high quality product and service to the Started in 2011 , our first electrical panel. In 2012, began active association with BMS industry. Completed major projects for M/S Cisco, M/S Net top, M/S Intel, M/S ALOFT Hotel, Columbia Asia Hospital.

What We Do

In 2012, ventured into manufacturing of electrical panels for power control and Motor control applications. From 2012 onwards, we started executing major projects for HVAC vendors on turnkey basis, which comprises both electrical and BMS activities, this includes supply of electrical panels, DDC panels, BMS and electrical cabling and commissioning of panels and Car parking ventilation control solutions. This thrust of quality has earned us major HVACR field customers like M/S Voltas Ltd, M/S JSW Bellary, ws Blustar India Pvt Ltd, M/S carrier, M/S Trane India Pvt.Ltd, ws VKBS Pvt.Ltd, ws Magna Cool Engineers Pvt.Ltd, M/S Real Time Pvt.Ltd, Silver gem HVAC Projects Pvt. Ltd, ws Sterling Wilson (through their dealers).



Tejus Kumar
Founder Cool Volts Services

Panels



LT PANNEL



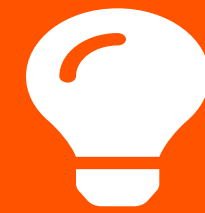
**CHILLER BRAKE
PANNEL & CONTROL PANEL**



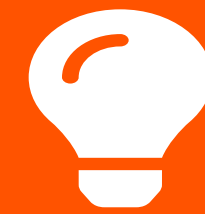
**DG PANNEL &
AUTHO SYNCHRONIZING
PANEL**



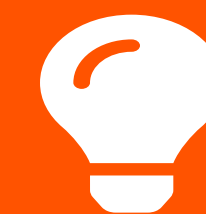
BMS PANNEL



AHU PANNEL



**BASEMENT
VENTILATION
PANEL**



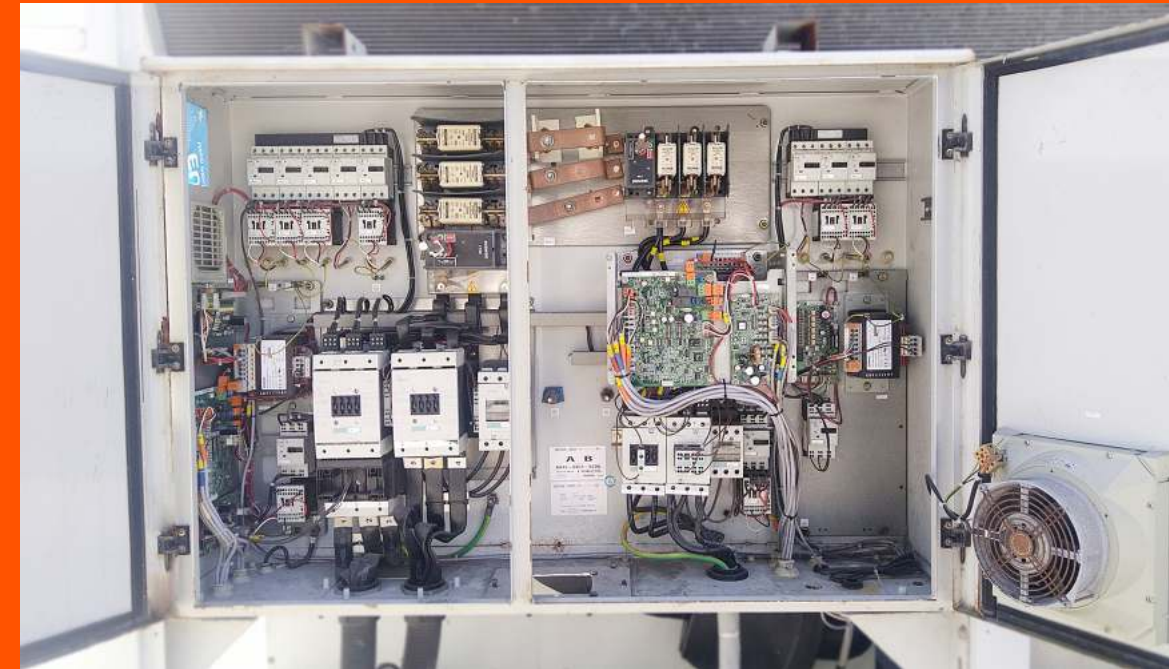
**CRITICAL
AREA TEMPERATURE
MONITOR**

LT PANNEL



We, COOL VOLT SERVICES HAVE made our presence felt in the HVAC industry for over a decade. Since then it as been growing and we continue to serve the HVACR industry by providing highly quality products for its various applications. We focus mainly on manufacturing of high quality panels with safety to users meeting the requirements of interface with BMS control system and providing excellent value for money to its users. As a part of enhancing its commitment to confirm to IS standards, we have secured CPRI test certification for power distribution panels as per relevant IS standards. The following are the types of electrical panels being manufactured by us: PCC Panels. MCC panels Starter panels for AHU with DOL/Star Delta starters. Starter panels for VFD with/ without Bypass starters. Electrical panels with soft starters for motors. Electrical panels for cold storage applications.

Chiller Braking Panels



Chiller braking panels are crucial for safe and efficient chiller operation. They ensure controlled deceleration and shutdown, preventing abrupt stops that can damage equipment and compromise safety. Key components like contactors, circuit breakers, relays, and controllers work in tandem to orchestrate these controlled stops. These panels enhance energy efficiency by reducing wasteful power consumption and extend chiller equipment lifespan. Customization options allow tailoring to specific system needs, while compliance with industry standards ensures safety and performance. In summary, chiller braking panels are essential safeguards that optimize chiller performance, protect investments, and adhere to critical industry regulations

DG & Auto-Synchronizing-Panel



A DG (Diesel Generator) panel is a critical component in electrical power systems. It serves as the control center for managing the operation and distribution of power from a diesel generator. These panels are essential for various applications, such as backup power generation during outages or in remote locations. DG panels typically include features like engine controls, load monitoring, and safety mechanisms. They ensure a seamless transition between the main power supply and the generator, guaranteeing uninterrupted electricity flow when needed most. DG panels are vital for industries, businesses, and critical infrastructure, providing reliable backup power solutions and safeguarding against power disruptions.

Building Management System(BMS)



Building Management System(BMS) is a high technology system installed on buildings that controls and monitors the buildings mechanical and electrical equipment such as HVAC systems, lighting, power systems, fire systems and security systems, in order to provide the facilities necessary for maintaining a comfortable working environment. Fire Detection & Suppression System Fire alarm with addressable and conventional for the greatest possible protection, Fire systems operate with a full range of proven, high-performance, accuracy and ease for building, personnel installers and firefighters that make its designed in simple way to handle. Easy installation features, maintenance capabilities.

IBMS normally comprises:

- Heating, ventilation and Air conditioning (HVAC)**
- Access control.**
- Fire alarm system.**
- Closed-circuit television(CCTV)**
- Security and observation.**
- Illumination(lighting)control.**
- Electric power control.**
- Other engineering systems**

AHU Panel



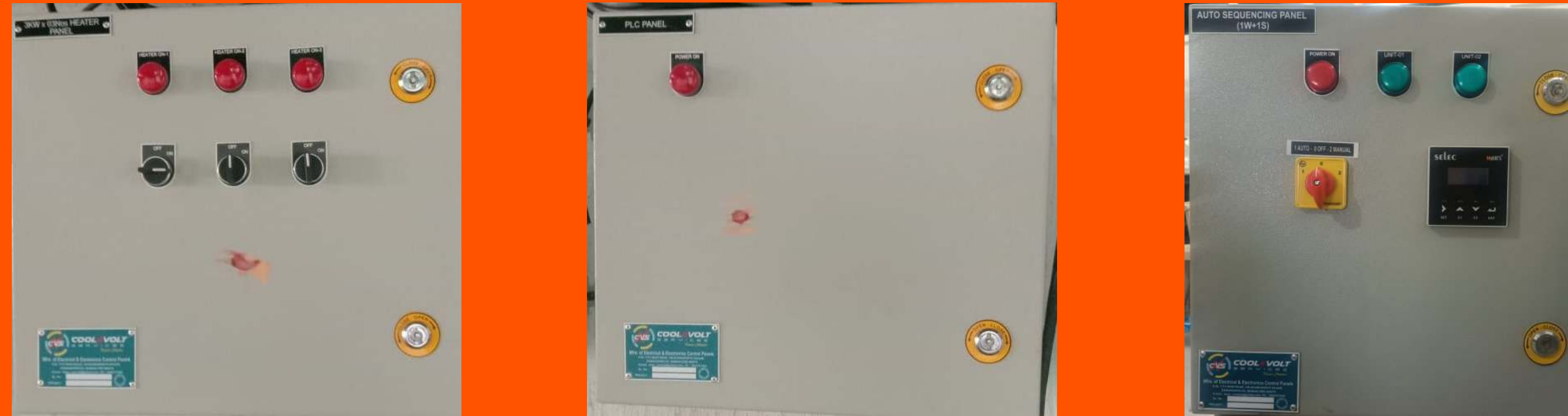
An AHU (Air Handling Unit) electrical panel equipped with VFD (Variable Frequency Drive) and bypass operation functionality is a pivotal element in modern HVAC systems. The VFD regulates the speed of the AHU fan motor based on demand, optimizing energy efficiency and precise temperature control. In case of VFD malfunction or maintenance, the bypass operation seamlessly transitions to direct-on-line mode, ensuring uninterrupted system performance. This integrated solution enhances energy savings, reduces operational costs, and maintains reliable HVAC operation. It's an indispensable component for achieving both sustainability and operational efficiency in commercial and industrial buildings, contributing to a comfortable and eco-friendly indoor environment.

Basement Ventilation Panels



Basement ventilation panels are crucial components in maintaining a healthy and comfortable indoor environment below ground level. These panels facilitate the circulation of fresh air, helping to control humidity levels, reduce odors, and prevent the buildup of harmful gases like radon. Typically integrated into the basement walls or windows, they can be manually or automatically operated. These panels enhance air quality, prevent mold and mildew growth, and contribute to the overall structural integrity of the basement by reducing moisture-related damage. Ensuring proper basement ventilation is essential for creating a safe and pleasant living or working space and protecting the building's foundation from potential issues.

Critical Area Temperature Monitor



Monitoring of environment inside a data center/server room with the introduction of "Critical Area Temperature Monitor" (CATM), temperature can be monitored and corrective action can taken during a crisis. We have considerable expertise on control of air conditioning system and are well versed with the requirement of critical areas and with this background and industry feedback this product has been designed, developed and supplied to various users in IT industry. This product is currently in used in many IT companies like M/S British Telecom, M/S Tata Elxsi, M/S ACS, M/S Anlog Device Pvt.Ltd, M/S Conexant Technologies and leading institutions like Indian Institute of Science and many more.

All Kind Of Electrical Projects And Specialization In BMS Control Systems
All Kind Of Panel Electrical Services

A stylized world map in shades of orange and brown, centered on the Atlantic Ocean. Four location pins are placed on the map: one in North America (red), one in Europe (orange), one in Asia (yellow), and one in Africa (red).

Clients

Associates



I.T Clients



Builders and Developers



Hotels And Resorts





Contact Us

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