



# COMPANY PROFILE

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2023



# Our Introduction

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Welcome to MECON, your trusted partner Mechanical Electrical & Plumbing (MEP) solution provider also Documentation, Submittal Approval, Shop drawings, Coordinating Drawings, As- Built Drawings. To Contract Programs, Project Time Schedules - Complying Consultant Specifications. With years of experience and a commitment to exceptional service, we are the go-to choice for all your MEP needs. Whether you're a homeowner, a business owner, or a property manager, we have the expertise and resources to deliver top-notch MEP solutions tailored to your specific requirements. When it comes to your MEP needs, choose MECON for unmatched professionalism, expertise, and exceptional customer care. Contact us today to schedule a consultation or service appointment. Let us keep you comfortable and breathe easier with our reliable MEP Services





# HAVC

## Heating Ventilation & Air Conditioning

HVAC systems find a wide range of applications across various settings and industries. Some of the key usages of HVAC systems include, Residential Buildings, Commercial Buildings, Hospitals, Industrial Facilities, Healthcare Facilities, Data Centers, Agriculture, Educational Institutions, Laboratories, Cold Storage, Greenhouses, Laboratories, Clean Rooms, Sports Arenas and Entertainment Venues, Server Rooms,

## Air Cooled / Water Cooled Chiller

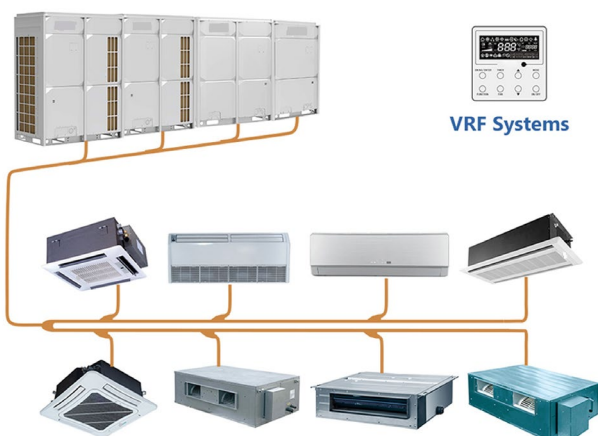
HVAC chiller is to provide cooling to indoor spaces in buildings where temperature control is necessary. Chiller systems are a key component of heating, ventilation, and air conditioning (HVAC) systems, and they serve several important purposes:

- Temperature Control
- Humidity Control
- Process Cooling
- Data Center Cooling
- Comfort Cooling
- Cold Storage
- Manufacturing Processes
- Energy Efficiency
- Load Balancing
- Environmental Control
- Green Buildings
- \*Backup Cooling



## VRF System

VRF system, also known as a Variable Refrigerant Volume (VRV) system, is an advanced HVAC technology that offers several benefits for heating and cooling in buildings. VRF systems are known for their flexibility, energy efficiency, and individualized comfort control. Here are some of the key benefits of VRF systems:



# Package Unit

PACKAGE UNITS offer several benefits for both residential and commercial applications. These units combine multiple components of an HVAC system into a single package, typically installed outside of the building, providing a compact and efficient solution for controlling indoor climate. Here are some benefits of package units:



- Space Efficiency
  - Ease of Installation
  - Energy Efficiency
  - Lower Maintenance
  - \*Outdoor Installation
  - Zoning Possibilities
  - Cost Savings
  - Durability
  - Single Point of Control
  - Remote Monitoring and Control.
- These advantages make them a popular choice for both residential and commercial HVAC applications

# Fan

Fans offer a range of Advantages in various situations, both for personal comfort and for improving indoor air quality. When specifying commercial fans, it's important to consider the specific needs and requirements of the commercial space. Here are some key specifications to consider when choosing commercial fans:



- Airflow Capacity (CFM)
- Fan Size
- Mounting Style
- Noise Level (dB)
- Motor Power and Efficiency
- Speed Settings
- Control Options
- Material and Durability
- Safety Features
- Installation Requirements
- Certifications and Standards
- Remote Monitoring and Control
- Warranty and Service

# Fresh Air Handling Unit

Fresh Air Handling Units (FAHUS) are HVAC equipment designed to supply fresh outdoor air to a building while controlling temperature, humidity, and air quality. These units are commonly used in commercial, industrial, and institutional buildings to ensure proper ventilation and maintain comfortable indoor environments.



# Evaporative Cooling System

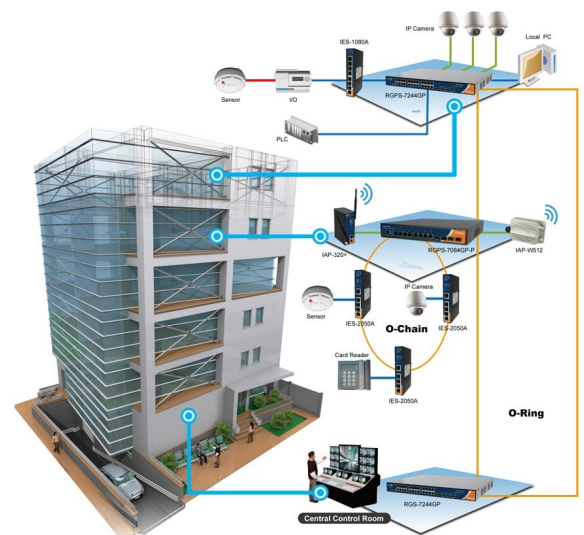
"Air devices typically refers to the various components An evaporative air cooler, also known as a swamp cooler or desert cooler, is a cooling device that utilizes the natural process of evaporation to lower the temperature of the air. Evaporative air coolers are commonly used in dry and arid climates to provide cost-effective and energy- efficient cooling for indoor and outdoor spaces. Here's a key



- Energy Efficiency • Environmentally Friendly • Air Humidification • Fresh Air Intake • Easy Installation • Low Maintenance • Portable Options • Cools Large Areas • Sustainable Cooling

# Controls System

HVAC (Heating, Ventilation, and Air Conditioning) control system is a sophisticated network of components and technologies designed to regulate and manage the temperature, humidity, air quality, and overall comfort of a building or space. It plays a crucial role in ensuring optimal indoor conditions while also promoting energy efficiency and cost savings. Here's a description of the key components and functions of an HVAC control system:



- Thermostats • Sensors • Controllers • Actuators • Dampers and Valves • Fans and Blowers • Humidifiers and Dehumidifiers • Programmable Logic Controllers (PLCs) • Building Management System (BMS) or Building Automation System (BAS) • Zoning and Occupancy Control • Energy Management and Optimization • Remote Access and Monitoring • Maintenance and Diagnostics.



## Plumbing Services

MECON is a trusted and reliable provider of professional plumbing services, catering to both residential and commercial clients. With a team of skilled and experienced plumbers, plumbing systems that ensure efficient water distribution and waste management.

### Services Offered:

- Supply & Installation Services
- Water Supply System
- Fixtures and Appliances
- Pipes
- Valves
- Drainage and Waste System
- Sewage and Septic Systems
- Emergency Systems

## Sanitary and Drainage System

Sanitary and drainage systems are critical components of building infrastructure that ensure proper disposal of wastewater, sewage, and other waste materials while maintaining hygienic conditions and preventing environmental contamination.



## Water Distribution

We take pride in providing top-tier water distribution services that ensure efficient and reliable access to clean and safe water. With a deep understanding of plumbing systems and a commitment to quality, we specialize in supply, installing, and maintaining water distribution systems for both residential and commercial clients.

# Plumbing Pump

MECON your plumbing pump needs. With an unwavering commitment to excellence, we specialize in providing high-quality plumbing pump solutions for a wide range of applications. Our team of experts is dedicated to ensuring efficient water distribution, pressure management, and waste removal through reliable pump systems.



# Irrigation System



MECON providing advanced irrigation system solutions that promote efficient water management and sustainable landscaping. With a focus on innovation and environmental responsibility, we specialize installing, and maintaining irrigation systems for residential, commercial, and agricultural applications.

Services Offered:

- Drip Irrigation
- Sprinkler Systems
- Smart Irrigation Technology
- Rainwater Harvesting
- Maintenance and Upgrades

# Sand Traps and Grease Trap

Sand traps and grease traps are types of plumbing devices designed to capture and separate solid materials like sand, sediment, and grease from wastewater before it enters the sewage system. These traps are commonly used in various commercial establishments, such as restaurants, food service establishments, and industrial facilities, to prevent clogging and pollution in sewer lines and treatment systems.





## Electrical Services

Comprehensive electrical work solutions. With a dedicated team of skilled electricians and a commitment to safety and innovation, we specialize in providing top-quality electrical services for residential, commercial, and industrial clients.

## Earthing and Grounding

MECON is a leading provider of innovative Earthing and Grounding solutions, dedicated to ensuring the safety, reliability, and performance of electrical and telecommunication systems. With a commitment to excellence.



## Main Distribution Board



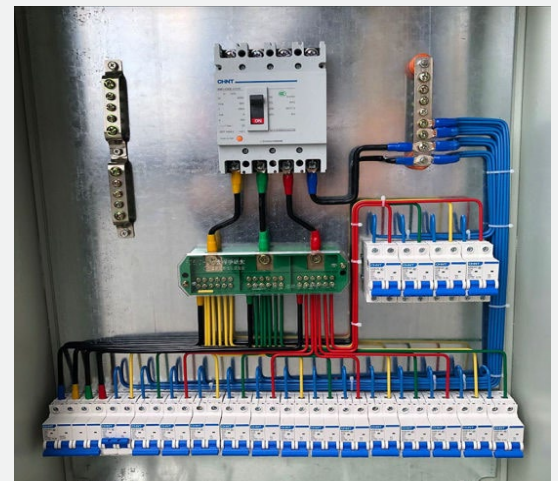
Our team of highly skilled engineers and technicians has extensive expertise in MDB design, fabrication, and installation. We take pride in our ability to customize MDB solutions to meet the unique requirements of our clients, ensuring efficient and dependable electrical distribution within their facilities.



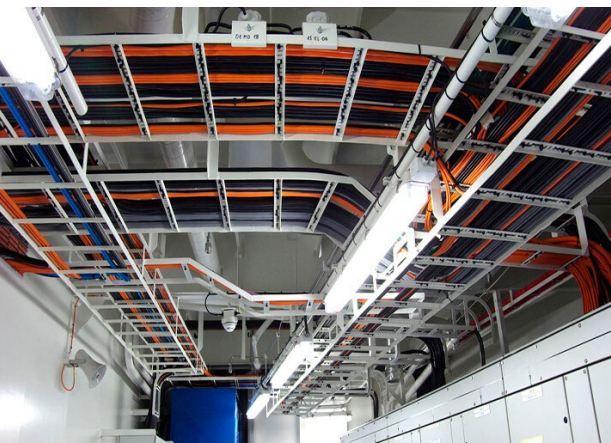


## Sub Main Distribution Board

MECON is a leading manufacturer and supplier of Sub Main Distribution Boards efficiently and safely distribute electrical power in a wide range of applications. With a commitment to innovation, quality, and customer satisfaction, we have established ourselves as a trusted partner in the electrical industry.



## Cable Laying



We are dedicated to delivering services of the highest quality. We maintain rigorous quality control measures and adhere to industry standards and safety regulations to ensure the reliability and safety of every cable installation project.

# Generator

MECON is a prominent and innovative leader in the field of generators supplying, commissioning, installation and power solutions. With a strong commitment to quality, sustainability, and customer satisfaction, we have become a trusted name in providing reliable and efficient power generation solutions for a wide range of applications. We offer a comprehensive range of generators and power-related services.



# UPS



MECON is a provider of Uninterruptible Power Supply (UPS) systems and power protection solutions. With a relentless commitment to innovation, reliability, and customer satisfaction, we offer a wide range of UPS products and services. Including:

Custom UPS Solutions UPS Installation and Integration  
UPS Maintenance and Support Battery Replacement and Testing. Our UPS solutions cater to a wide range of industries, including but not limited to Data Centers Healthcare Financial Institutions Telecommunications Government Facilities Retail and more

# Fire Alarm System

We offer in fire alarm systems and fire safety services with a steadfast commitment to safety and innovation. We deliver cutting-edge products and services to protect lives, property, and assets from, the devastating effects of fires.





## Fire Fighting

### Fire Extinguisher

Fire extinguishers are essential tools for fire safety, offering a range of benefits to individuals, businesses, and communities. Here are the key advantages of having fire extinguishers on hand

- Immediate Fire Control
- Enhanced Safety
- Property Protection
- Reduced Fire Spread
- Emergency Response
- Cost-Effective
- Peace of Mind
- Quick Activation



### Fire Hose Reel

Fire hose reels are an essential component of fire safety systems, offering numerous benefits for various settings. Whether in commercial, industrial, or residential environments, fire hose reels provide an effective means of fire suppression. Here are the key benefits of using fire hose reels.

- Rapid Fire Control
- Extended Reach
- Coverage of Larger Areas
- Continuous Water Supply
- Effective for Class A Fires

## Fire Hydrant System

Fire Hydrant Systems is a dedicated provider of high-quality fire hydrant systems, offering comprehensive supply and installation services. With a steadfast commitment to fire safety. Our expertise and unwavering dedication make us a trusted partner in safeguarding lives and property from the ravages of fire.



## Sprinkler System

Sprinkler Systems is a leading provider of state-of-the-art fire protection solutions, specializing in the supply and installation of automatic sprinkler systems. With a deep commitment to fire safety, we Design, engineer, and implement cutting-edge sprinkler systems that mitigate the risk of fire-related disasters. Our expertise, dedication, and unwavering focus on safety make us a trusted partner in safeguarding lives and property.



# OUR VALUABLE CLIENTS



Sukkur Surgical Hospital



Surgical Block CMH Peshawar



**SUPARCO**

SUPARCO Lahore



12-C Model Town Lahore.



**PEPSICO**

Pepsi Islamabad



Balloki Power Plant Addan



Atomic Energy Pakistan



Pakistan Kidney & Liver Institute (PKLI) Hospital



FDA Sports Complex Faisalabad



Rohi Bakers KhanPur



Faisal Hospital Faisalabad



Guldasht Hospital Lahore

**FMC**

FMC Thokar Niaz Baig

**IBEX**

**GLOBAL**

TRG Thokar Niaz Baig



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