

INTEGRATED SOLUTIONS FOR SMART

with Precision & Style

At Catalyst, we deliver cutting-edge Mechanical, Electrical, and Plumbing (MEP) and HVAC(Heating, Ventilation, and Air Conditioning) solutions that guarantee optimal indoor comfort, energy efficiency, and seamless project integration.



Our end-to-end services—engineering, supply, installation, and maintenance—position us as a reliable partner across various industries and infrastructure projects.

By focusing on high-performance systems, advanced technology, and custom-engineered solutions, we ensure that our work aligns with the evolving needs of modern construction and smart building standards.



BUILDING UTILITY & PLUMBING SYSTEMS

We provide a diverse range of high-quality mechanical, electrical, and plumbing systems, including:

PLUMBING SYSTEMS

- Comprehensive piping and drainage solutions
- Hygienic water supply and waste management
- Efficient water heating and storage systems
- Designed for reliability and sustainability

PUMPS & CHILLERS

- Essential for water circulation and climate systems.
- Includes booster pumps, sump pumps, and circulation systems.
- Tailored to building scale and usage requirements.

ADVANCED VENTILATION & EXHAUST SYSTEMS

- Ensures fresh air flow and contaminant removal
- Reduces indoor air pollution and improves occupant health
- Complies with safety and fire regulations

ELECTRICAL & CONTROL SYSTEMS

- Sound & Lighting Solutions
- Intelligent lighting design for energy savings and ambiance
- Integrated sound systems for residential and commercial spaces
- Smart controls for customizable environments

FIRE FIGHTING SYSTEMS

- Code-compliant safety systems including sprinklers and hydrants
- Integrated alarms and suppression technologies
- Reliable protection for assets and occupants

BUILDING MANAGEMENT SYSTEMS (BMS)

- Centralized control for HVAC, lighting, and electrical systems
- Real-time monitoring and fault detection
- Enhances operational efficiency and sustainability

AUTOMATION & CONTROL SYSTEMS

- Intelligent control of building functions
- Improves comfort, safety, and energy performance
- Enables remote access and smart scheduling

CATALYST HVAC SOLUTIONS

Maximizing Efficiency, Comfort, and Sustainability

At Catalyst, we offer specialized HVAC solutions for every environment, ensuring optimal air quality, energy efficiency, and seamless climate control. Discover our advanced systems:



IDEC COOLING SYSTEMS

- Energy-efficient cooling for hot, dry climates
- Uses water to cool air without adding moisture
- Reduces reliance on traditional air conditioning
- Lowers energy consumption and operating costs



AHU (AIR HANDLING UNITS)

- Regulates and circulates air
- Enhances indoor air quality with high-quality filtration
- Features energy-efficient fans
- Provides comfortable and healthy indoor climates



VRV SYSTEMS

- Precise temperature control across multiple zones
- Independent operation of indoor units using a single outdoor unit
- Ideal for office buildings, hotels, and mixed-use spaces
- Customizable climate zones for different areas



CONCEALED UNITS

- Discreet climate control for aesthetic spaces
- Installed behind walls or ceilings
- Provides efficient heating and cooling without disrupting interior design
- Ideal for luxury residences, offices, and retail spaces



ROOFTOP UNITS

- High-performance cooling and heating for large spaces
- Self-contained and easy to install
- Energy-efficient with minimal indoor space usage
- Perfect for commercial buildings, shopping malls, and industrial sites





DESERT COOLING SYSTEMS

- Energy-efficient cooling for hot, dry climates
- Uses water to cool air without adding moisture
- Reduces reliance on traditional air conditioning
- Lowers energy consumption and operating costs



AIR COOLED & WATER COOLED CHILLERS

- Powerful cooling for commercial and industrial applications.
- Exceptional temperature regulation for large spaces
- Reliable for factories, offices, and high-demand environments.



HEAT WHEELS

- Energy recovery ventilation for sustainable climate control
- Transfers heat from exhaust air to incoming air
- Reduces energy consumption
- Maintains optimal indoor air quality



OUR SERVICES

Engineering & Design Services

We provide complete HVAC engineering and design solutions, ensuring seamless project integration and compliance with industry standards:

- **Project Consultation & Feasibility Analysis :** Evaluating site conditions and designing the most effective HVAC systems.
- **Energy-Efficient System Design:** Reducing operational costs while enhancing performance.
- **Custom HVAC Integration:** Tailored solutions to meet the specific needs of commercial, industrial, and residential projects.
- **Regulatory Compliance & Safety Standards :** Ensuring adherence to international HVAC regulations and local building codes.

Installation & Commissioning

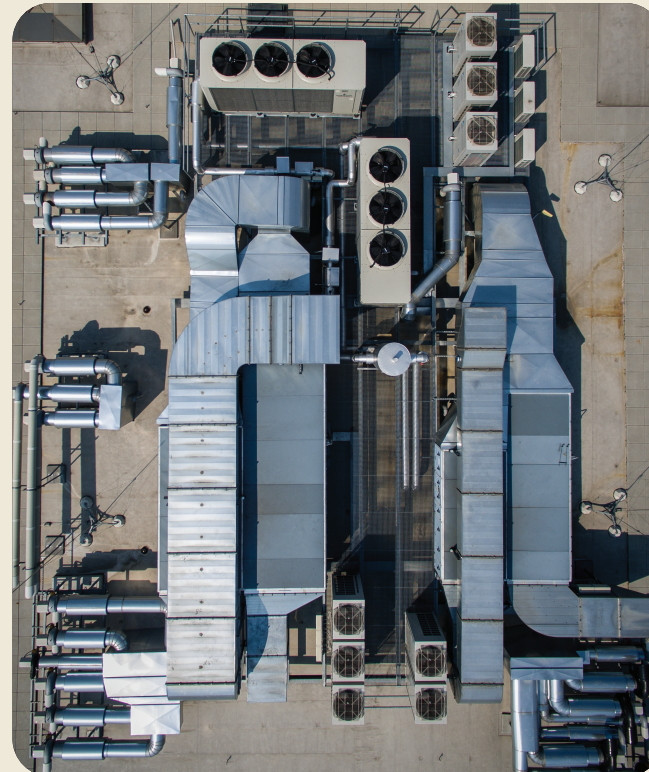
Catalyst ensures precision in installation and commissioning, delivering efficiency and reliability:

- **Professional Installation:** Expert handling of HVAC and MEP components for seamless operation.
- **System Calibration & Optimization:** Fine-tuning HVAC performance for maximum energy savings.
- **Smart Integration:** Compatibility with building management systems (BMS) for automated climate control.
- **Quality Assurance & Testing:** Rigorous performance testing to meet the highest industry standards.

After-Sales & Preventive Maintenance

We provide comprehensive maintenance and after-sales support to ensure long-term reliability and optimal performance of your HVAC systems:

- **Routine System Inspections** – Preventive maintenance to avoid unexpected breakdowns.
- **Emergency Repair Services** – Fast and efficient troubleshooting for minimal downtime.
- **Filter & Component Replacement** – Extending system lifespan and maintaining air quality.
- **Efficiency Monitoring & Energy Audits** – Identifying areas for improved energy conservation.



WHY CHOOSE CATALYST?

- **Industry Expertise & Innovation with years of experience:** we bring innovation and technical excellence to every project.
- **High-Quality & Energy-Efficient Solutions:** We offer top-tier HVAC products designed for maximum performance and cost savings.
- **Comprehensive Service Portfolio:** From supply to after-sales support, we cover all aspects of HVAC and MEP solutions.
- **Sustainable & Eco-Friendly Practices** We prioritize energy-efficient and environmentally sustainable solutions.
- **Reliable Support & Maintenance** Dedicated service teams ensure that your systems run smoothly for years to come.

CONTACT US TODAY



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CATALYST[®]
FOR MEP CONTRACTS