

TRIONEX ENGINEERING PVT. LTD.

Innovating HVAC Systems
for Optimal Comfort and Efficiency

About Us

Trionex Engineering Pvt. Ltd. is a premier provider of advanced climate control technologies, specializing in cutting-edge HVAC systems, VRV/VRF solutions, precision chiller installations, and comprehensive technical services.

Our operations are anchored by core principles:

Integrity, Innovation, and Customer Commitment.

These guide us in delivering reliable, energy-efficient, and sustainable technical solutions that exceed client expectations for optimal comfort and efficiency.



Our Vision & Mission



Vision

To be a trusted HVAC partner, delivering advanced, energy-efficient solutions that ensure maximum customer satisfaction and sustainable growth.



Mission

- Deliver high-quality HVAC solutions.
- Uphold ethical practices and customer service.
- Adopt innovative, sustainable technologies.
- Build trust-based, long-term relationships.



Core Values



Integrity

Transparency, honesty, and ethical practices in all our dealings.



Innovation

Adopting innovative technologies for efficient HVAC solutions.



Customer Commitment

Prioritizing client needs with dependable support and service.

Authorized Daikin Dealer

Trionex Engineering Pvt. Ltd. is an **Authorized Dealer of Daikin**, the global leader in innovative air-conditioning technology. This partnership ensures our clients receive industry-leading solutions, direct access to the latest advancements, and the assurance of genuine products.

We offer Daikin's comprehensive product portfolio, ranging from compact residential units (**0.8 TR**) to powerful industrial systems (**1250 TR**). Our factory-trained technicians provide expert installation and maintenance, backed by full warranty support directly from Daikin.

Every Daikin unit we supply is manufactured in India under a state-of-the-art, centrally computerized system, ensuring unparalleled quality control, superior performance, and energy efficiency. Choose Trionex Engineering for world-class Daikin solutions.



Comprehensive Daikin Product Range

1

Chillers

High-Efficiency Scroll and
Screw Chillers

Centrifugal Chillers

Magnetic Bearing Chillers

2

Commercial Units

VRV Systems

Rooftop Units

AHU & CSU

3

Room Air conditioners

Split ACs & Cassette ACs

Floor-Standing Units

Ducted Units

This wide range allows us to provide customized, energy-efficient HVAC solutions for diverse project requirements.

Our Core Strength

Our expertise extends to complex installations including state-of-the-art chiller rooms and advanced VRV systems, delivering optimal performance and energy efficiency.

Water Cooled Chiller



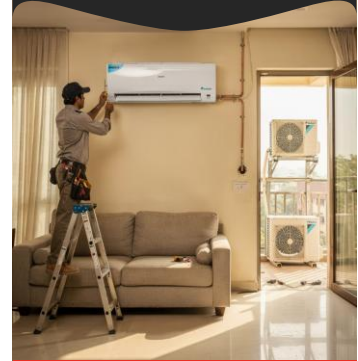
Air Cooled Chiller



VRV System Installation



Split Unit Installation



Our Engineering Expertise

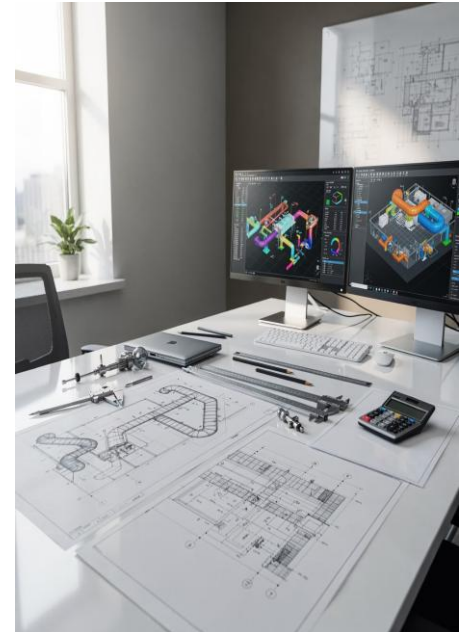
At Trionex Engineering, we provide comprehensive HVAC design and engineering support, grounded in extensive capabilities and technical excellence. Our expertise spans projects of all scales, including:

Precise heat load calculations and thermal analysis

Strategic equipment selection and specification

Comprehensive piping design and layout

Advanced solutions for optimal indoor air quality and efficiency



Industries We Serve

Commercial



Climate control excellence for buildings, corporate campuses, and business centers

Healthcare



Precision climate control for hospitals, clinics, and medical facilities

Retail



Optimal shopping environment for malls, showrooms, and retail spaces

Industrial



Robust HVAC solutions for manufacturing plants, warehouses, and production facilities

Education



Comfortable learning environment for schools, universities, and educational institutions

Data Centers



Critical cooling infrastructure for data centers and IT operations

Hospitality



Guest comfort systems for hotels, resorts, and premium hospitality venues

Residential



Premium comfort solutions for modern apartments, luxury villas, and residential complexes



Fire Fighting System

Fire Fighting Systems



Trionex Engineering Pvt. Ltd. is a recognized leader in advanced **firefighting** systems, delivering comprehensive, cutting-edge solutions designed to safeguard lives and assets with proactive **fire protection**.

Hydrant Systems



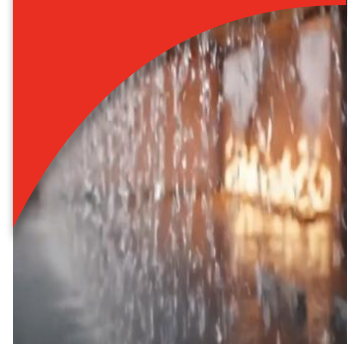
Hydrant Systems are integral for effective manual firefighting, supplying a strategic and reliable high-pressure water source. They are indispensable for fire brigades and trained personnel, empowering rapid action against larger incidents.

Sprinkler Systems



Our Sprinkler Systems offer unparalleled reliability and rapid response as the cornerstone of automatic fire suppression. These precision-calibrated networks detect and activate individually, minimizing damage and creating vital escape time.

Curtain Systems



Water Curtain Systems are dynamic solutions for fire and smoke containment. Activated automatically, they rapidly deploy to compartmentalize areas, preventing the spread of flames and toxic smoke and protecting escape routes.

Fire Safety Applications

Applications Across Industries

Factories & Manufacturing



Production areas, warehouses, and machinery protection

Malls & Retail



Public spaces, stores, and parking facilities

IT Buildings & Data Centers



Server rooms and critical infrastructure

Hospitals & Healthcare



Patient areas, operation theaters, and medical facilities

Hotels & Hospitality



Guest rooms, corridors, and common areas

Educational Institutes



Classrooms, laboratories, and dormitories



Our comprehensive fire safety solutions ensure strict compliance with all relevant safety standards such as NFPA, NBC and local authority regulations, protecting lives and property across diverse industries.

Get in Touch

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TRIONEX ENGINEERING PVT. LTD.

Partner with us for reliable, innovative, and energy-efficient HVAC and fire fighting solutions. We're committed to delivering excellence in every project.