



Product Portfolio

THE CORPORATE LEGACY



Since 2010, Hexa Group has established itself as a pioneering force in construction, engineering, oil & gas, manufacturing, and infrastructure development, setting benchmarks for quality, innovation, and excellence in the State of Qatar.

From its early beginnings, the group has grown into a diversified entity with a team of over 800 skilled professionals, leading projects across residential, commercial, industrial, infrastructure, and oil & gas sectors. With a strong foundation built on expertise, integrity, and a forward-thinking approach, Hexa Group has played a vital role in shaping Qatar's modern infrastructure and industrial landscape.

By fostering long-term partnerships and delivering projects that redefine urban living, drive industrial advancements, and enhance energy solutions, the group leaves behind a legacy of excellence, trust, and impactful contributions to the built environment. Driven by innovation and guided by experience, Hexa Group remains committed to being a cornerstone of Qatar's construction, real estate, and energy sector.



About Us



HEXA TRADING DIVISION

We are dedicated to providing high-quality products from leading manufacturers and exceptional service to meet the demands of various industries, viz :

- Oil and gas
- Petrochemicals
- Marine and aviation industry
- Water and waste water treatment industry
- Food and beverage industry
- Commercial building solutions.

We offer a wide range of reliable and top-tier products, ensuring our clients receive the best solutions for their needs.

Our dedicated sales team works closely with customers to provide expert guidance and support. In addition, our team of experienced engineers delivers comprehensive after-sales support, ensuring optimal product performance and customer satisfaction.



TRUSTED SUPPLIER TO INDUSTRY LEADERS.



قطر للطاقة
QatarEnergy

QAPCO
شركة قطر للبترول والبتروكيماويات
QATAR PETROCHEMICAL COMPANY

قافكو
QAFCO
شركة قطر للأسمدة الكيماوية
QATAR FERTILISER COMPANY

دولفين للطاقة
DOLPHIN ENERGY



مؤسسة قطر
Qatar Foundation

قطر كool
QATAR COOL

الريل RAIL

QATAR
القطرية
AIRWAYS



مؤسسة الرعاية الصحية الأولية
PRIMARY HEALTH CARE CORPORATION

حمد
Hamad

وزارة التربية والتعليم والتعليم العالي
Ministry of Education and Higher Education
مجلس قطر
State of Qatar

QPMC
Qatar Primary Materials Company
شركة قطر للمواد الأولية



ASPIRE
ZONE

المتحدة للتنمية
UNITED DEVELOPMENT CO.

قطر تستحق الأفضل
Qatar Deserves The Best

KATARA
HOSPITALITY

Delivering
Quality Products
from

INDUSTRY LEADING OEMs

in the Non Energy Sector



- Avatec** POWER GROUP
- VENAS** Pan American Professional Lighting Manufacturer
- waterfall**
- S&S** NORTHERN
- KHC** 고려호이스트 KOREA HOIST
- CLARIANT** FRAKO In collaboration with Frako-Germany
- N-net**
- SICK** Sensor Intelligence.
- TURBOWIN** Blower & Compressor Technology
- SAPAG** VALVES
- Hexonic** HEAT EXCHANGERS
- HERBORNER PUMPEN**
- BASIOX** CONTROLS

Delivering
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- KHC** 고려호이스트
KOREA HOIST
- SICK**
Sensor Intelligence.
- Hexonic**
HEAT EXCHANGERS
- SAPAG**
VALVES
- waterfall**
- batusan**
MAKINA SANAYI VE TICARET A.Ş.
- SAFEGAS**
Specialized in Gas Detection for 36 Years
- TURBOWIN**
Blower & Compressor Technology
- N-net**
- VENAS**
- Pan American**
Professional Lighting Manufacture

Avatec

Hexa
TRADING

INDUSTRIAL HEAVY-DUTY RECTIFIER / BATTERY CHARGER

Explosion Proof Battery Chargers | ATEX Certified

- Output rating :
12/24/30/110/220/500 V DC.
50 Amp - 1200 Amp
Analogue & Microprocessor control.
- Customized Military Solutions
- Maritime Installations





UNINTERRUPTIBLE POWER SUPPLY (UPS) & INVERTERS



Industrial & Standard UPS

Output rating
110 / 220 / 400 VDC,
5 KVA – 800 KVA

Industrial and Standard UPS are designed with IGBT Power Conversion Bridge Microprocessor control, and LCD panel.

Output rating
Single Phase or Three Phase
5KVA – 800KVA.

Industrial Inverters



POWER FACTOR CORRECTION PANELS



MV Automatic Power Factor Correction Panel (APFC)

Automatic Harmonic Filter Panel (AHPFC)

Real Time Power Factor Control (RTPFC) Panel

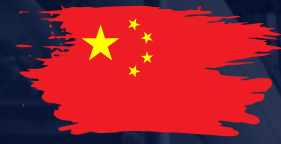
HT Automatic (HT AHPFC) Capacitor Bank

CLARIANT[®] **FRAKO**
In collaboration with Frako-Germany



VENAS

Pan American
Professional Lighting Manufacturer



Hexa
TRADING

EX – RATED ENCLOSURES

**IP66 Degree of
Protection**



Applications

- Heavy Industrials
- Storage Facility
- Chemical Processing Facility
- Power Plants
- Petrochemical Processing Facility
- Petroleum Platform
- Smelting Industry
- Military Sector



VENAS

Pan American
Professional Lighting Manufacturer

Hexa
TRADING

EX - RATED LIGHTING



Ex Proof Lightings

- Ex-Proof High Bay
- Ex-Proof Flood Lights
- Ex-Proof Linear Lights
- Ex-Proof Tunnel Lights
- Ex-Proof Emergency & Exit Lights
- Ex-Proof Portable Lights
- Luminaires for Offshore Platforms & Ships



Indoor Luminaires

- LED Troffer Lights
- LED Panel Lights
- LED Strip Lights
- LED High Bay
- LED Tri Proof Lights
- Troffer Retrofit Kit

Outdoor Luminaires

- | | | |
|---------------------------|------------------------|-------------------|
| LED High Mast Lights | LED Sport Lights | LED Flood Lights |
| LED Street Lights | LED Shoebox Lights | LED Tunnel Lights |
| LED Solar Street Lights | LED Canopy Lights | LED Wall Pack |
| LED Garden Bollard Lights | LED Parking Lot Lights | |



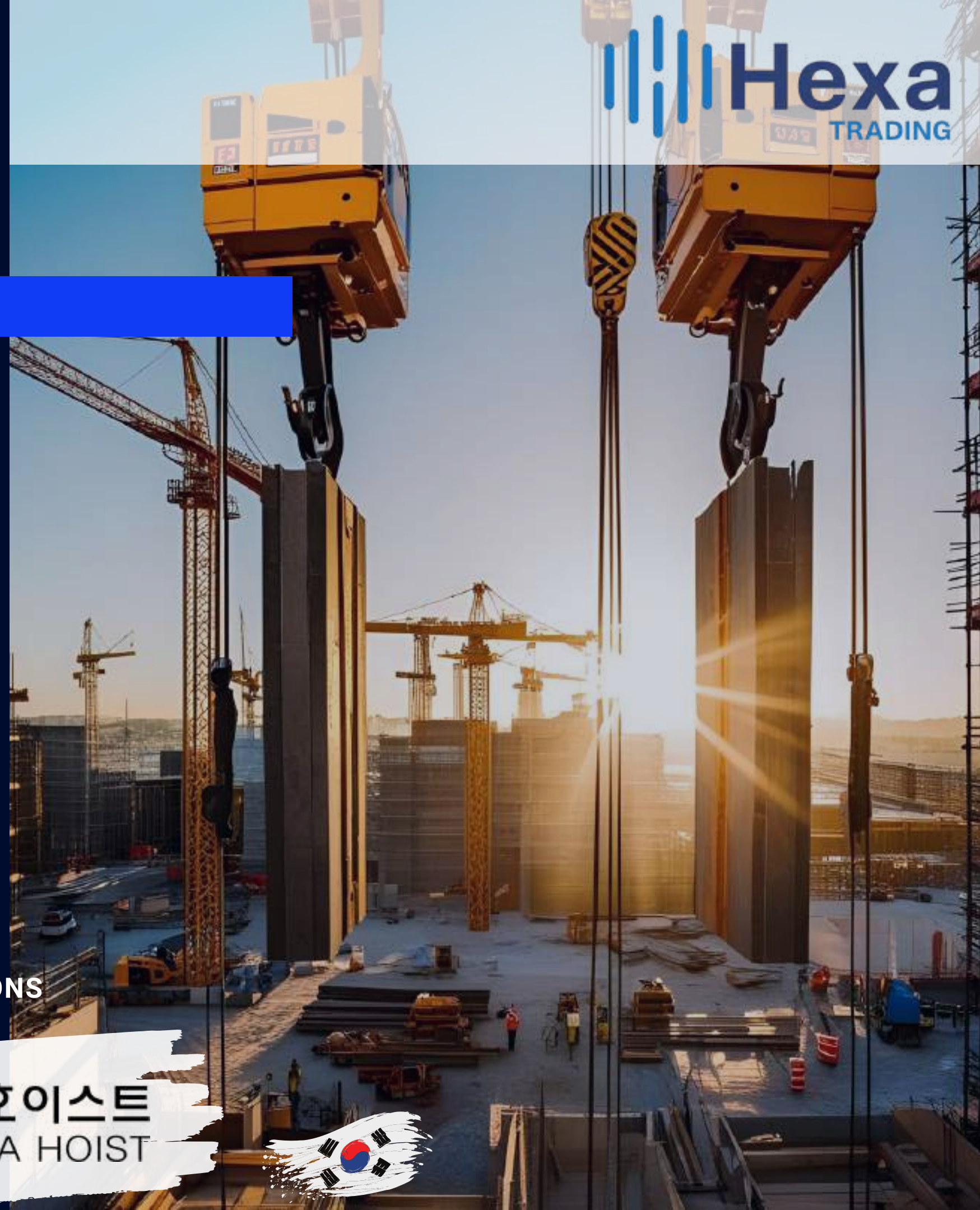
HOISTS & CRANES



- Electric Hoist
- Over Head Travelling/Gantry Crane
- Explosion Proof Hoist for Hazardous Area
- Air Hoist
- Chain Block/Trolley
- Manual Hoist
- Monorail Hoist
- Winch
- Pump Lifter
- Rigging Equipment
- Lifting and Rigging Equipment accessories



CAPACITY :
UPTO 400 TONS





OUTDOOR ENCLOSURES & SMART SWITCHES

- Outdoor intelligent cabinet (IP55)
with air- conditioned monitoring and control option
- Industrial Switches Series
- Commercial Switches Series
- Datacenter, 2.5G, stackable switches
- Outdoor Smart Surveillance Box (IP55, IP66)
- Outdoor Solar Powered Box (IP66)
- Outdoor PoE Switches
- Outdoor Smart Plastic Box (IP55)





AIR QUALITY MONITORING & METERING



Gas Safety Control Panels

Suitable For All Commercial Applications - Schools, Restaurants, Hospitals, Hotels etc.

- Science Laboratories
- Commercial Kitchens



RS Range

Carbon Dioxide (CO₂), Temperature & Humidity Sensors

- Digital & Analog Communications
- Mains Or 24VAC/DC Powered
- Thermistor Output
- Meets BB101 & Part F Guidance



BREEAM Water Leak Monitoring

Major Water Leak Detection To Satisfy BREEAM WAT 02 & 03

- BMS Compatibility With Optional Water Meters & Solenoid Valves
- Flush Mounted PIR Sensors Available
- Built-In Pulse Output Repeater

Demand Controlled Kitchen Ventilation

Reduce Carbon & HVAC Load
Save Energy & Improve Kitchen Comfort

- For New & Retrofit Kitchens
- Automatically Regulate Ventilation Speeds based On Temperature, Smoke, CO₂ & CO



Indoor Air Quality Monitoring

Carbon Dioxide (CO₂), Temperature, Humidity, PMs & VOCs

- BACnet RS485 Communications
- 24VAC/DC Powered
- Meets WELL Performance & RESET Standards



WLM Water Leak Detection

Rope Water Leak Detection

- 24V or 230V Inputs / Outputs
- 2 x Relay Outputs
- Internal Sounder
- 4 Wire Water Rope Terminal



Boiler Room Gas Detection

Commercial Combustible & Carbon Monoxide Detection With Gas Shut Off

- BMS & Strobe Alarm Relay Output
- Inputs Available For Fire Alarms, Shut Off buttons & Heat Detectors



Car Park Gas Detection

Carbon Monoxide & Nitrogen Dioxide Monitoring With Ventilation Control

- Pre-Programmed Relays
- Works With Any Fan
- Monitor Up To 16 Individual Detectors



Water Meters

Cold & Hot Water Meters

- MID & WRAS Approved Pulsed,
- MBUS, Wireless MBUS Available
- 15mm - 300mm Available

Gas Solenoid Valves

Gold Seal Range Of Gas Solenoid Valves
Available In All Sizes

- CPI Switch Available
- 1/4" BSP Ports For Upstream & Downstream Monitoring



Specialist Gas Detection

Refrigerant, Toxic & Combustible Gas Detection, Emergency Shutdown & Ventilation Control

- Typically Used With Refrigerant, Hydrogen & Oxygen Depletion / Enrichment Detectors
- Pre-Programmed Relays
- R1234yf, R1234ze, R134a, R32, R404a, R407c, R410a, R454a, R454b, R454c, R455a



Gas Meters

Various Types & Sizes Available

- For Domestic & Commercial Buildings
- From 3/4" Diaphragm Gas Meters Up To 6" Inline Quantometers
- Various Outputs Available Such As Pulsed, MODBUS, MBUS etc.





BLOWERS & COMPRESSORS

Application Industries

- Waste Water Treatment Industry
- Bio-Gas Industry
- Petro Chemical Industry
- LNG Industry
- Marine & Offshore Service Air Industry
- ALS Industry
- Aquaculture Industry
- Food and Beverage Industry
- Brewery Industry
- PET Bottle Blowing Industry
- Pulp and Paper Industry
- Automotive Industry
- Power Generation Industry
- Cement Industry

Introducing WL Series Turbo Blower

Explosion Proof and ATEX Certified



- **Pressure Range 420 Torr to 9.5 Bar**
- **Output Range 3 -1800 HP**
- **Turbo blower & Turbo Compressor**
segmented by discharge pressure range

SMART SENSORS

Automation in production and logistics – the sensor solutions from SICK are key to the digitalization of industry.

- Factory Automation
- Process Automation
- Logistics Automation
- Industry Automation
- Airport, Shipyard, Cement Industry etc
- Outdoor Automation
- Traffic Control

Presence Detection



Industrial Safety



Analysers



Flow Detection



Industrial Integration



Systems



Motion Control



Identification & Measuring



Industrial



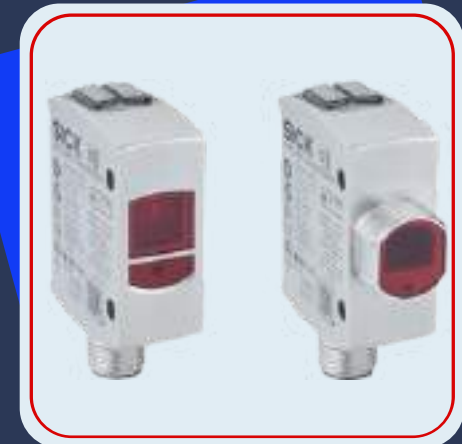
SMART SENSORS

Industrial Sensors

- Photoelectric Sensors – Detect objects using light beams through-beam, retro-reflective, proximity sensors
- Proximity Sensors – Non-contact detection of metallic & non-metallic objects.
- Encoders – Measure rotation, position, speed, and angle.
- Flow Sensors – Measures air, gas, and liquid flow.

Safety Sensors & Systems

- Safety Light Curtains – Protect personnel from hazardous machinery by detecting interruptions in a light beam.
- Safety Laser Scanners – Monitor and secure areas using laser technology.
- Safety Relays & Controllers – Ensure safe operations and emergency stops.



Vision & Identification Sensors

- 2D & 3D Vision Sensors :
Perform quality inspection, object recognition, and guidance.
- Barcode & QR Code Scanners :
Used for tracking and traceability.
- RFID Systems :
Wireless identification & data transfer

Environmental & Condition Monitoring Sensors

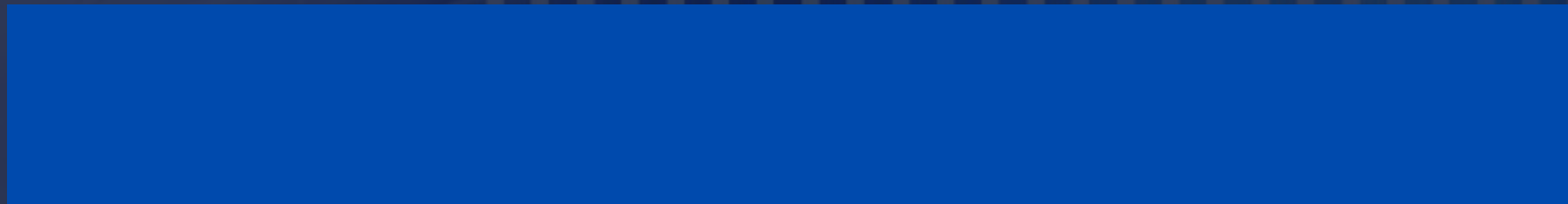
- Gas Analyzers :
Detect gases in industrial processes.
- Particulate Matter Sensors :
Measure dust and air quality.

Distance & Ranging Sensors

- LiDAR Sensors :
3D mapping, autonomous navigation & safety monitoring.
- Ultrasonic Sensors :
Measure distances and detect objects using sound waves.

Process Automation Sensors

- Pressure Sensors : Monitor and regulate pressure in industrial processes.
- Temperature Sensors : Ensure process stability and control.
- Level Sensors : Measure liquid or solid material levels in tanks and silos.





PUMPS

WITH LOW MAINTENANCE REQUIREMENTS AND INTERVALS



SWIMMING-POOL AND CLEAN-WATER TECHNOLOGY

THE IDEAL SOLUTIONS FOR EVERY APPLICATION



INDUSTRIAL TECHNOLOGY

INNOVATIVE SOLUTIONS FOR CONVEYING TASKS



SEWAGE TECHNOLOGY

EFFICIENT SOLUTIONS MADE TO MEASURE



SHIP TECHNOLOGY

HIGH DEMANDS ON BOARD

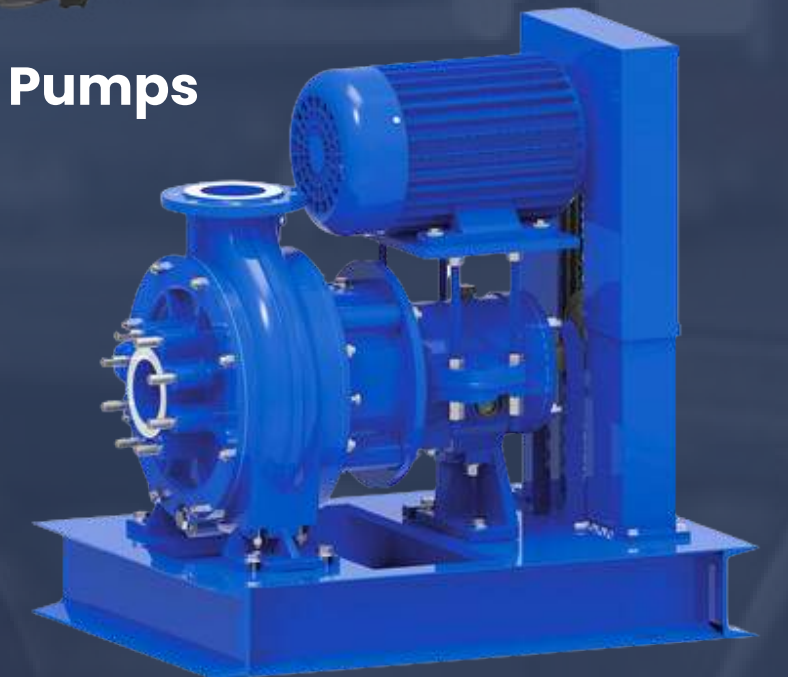


Sewage Pumps



Pool Pumps

Ship Pumps



Industrial Pumps



AIR HANDLING UNITS, SMART METERING SOLUTIONS & SMART SENSORS



- Chilled Water AHUs
- DX Air Handling Units
- Air-Cooled Condensing Units
- Roof Top Units/Package Air Conditioners
- BMS, AI Integrated HVAC Controls & Digital VAV Solutions.
- Energy Management Systems, Smart Metering, Sensors, & IAQ
- Out door Air purification units
- Smart Sensors
 - BASIOX SUPREME SENSOR AIR QUALITY MONITOR (Virus and Mold)
 - BASIOX COMBINED SENSORS

BASIOX SUPREME SENSOR AIR QUALITY MONITOR (VIRUS AND MOLD)

Advanced IoT Toxic Gas Detectors, with a particular focus on detecting crucial indicators like Virus & Mold Index and Odor Sensing.

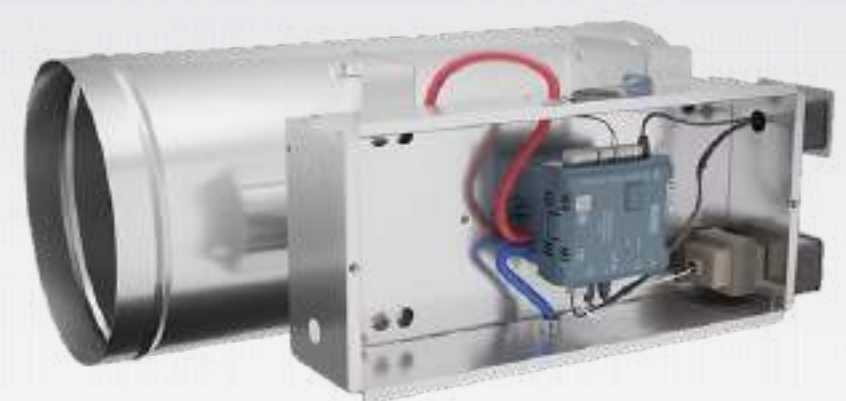
- Comprehensive Monitoring via Mobile and Web Applications
- Automated Alerts and Safety Notifications
- Historical Data Visualization
- Cloud-Based Data Storage and Integration
- Seamless Integration with Air Quality Control Systems



AI INTEGRATED HVAC CONTROLS

Atomix Airside Energy Valves (High Performance Intelligent AEVs)

The **ULTIMATE SMART SPACE HEATING, COOLING & VENTILATION** Solution



- Unique & Patented atomix AIR Software + AI
- On Board Graphics with simple configuration
- Continuous automatic commissioning & balancing
- Precise climate control +/- 0.5oC
- Precise Dynamic Airflow Control
- Energy Savings (30% - 73%)- HVAC related energy



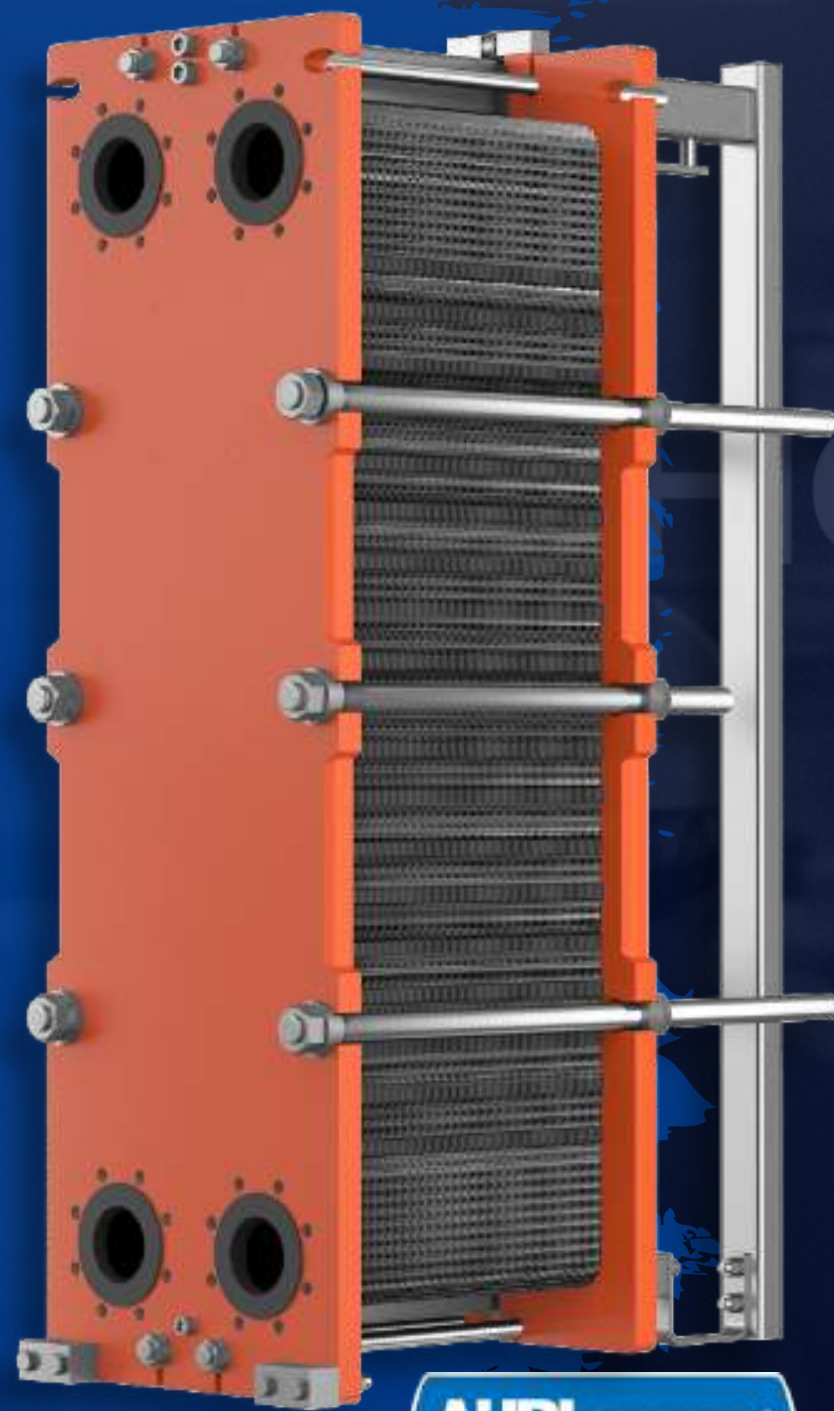
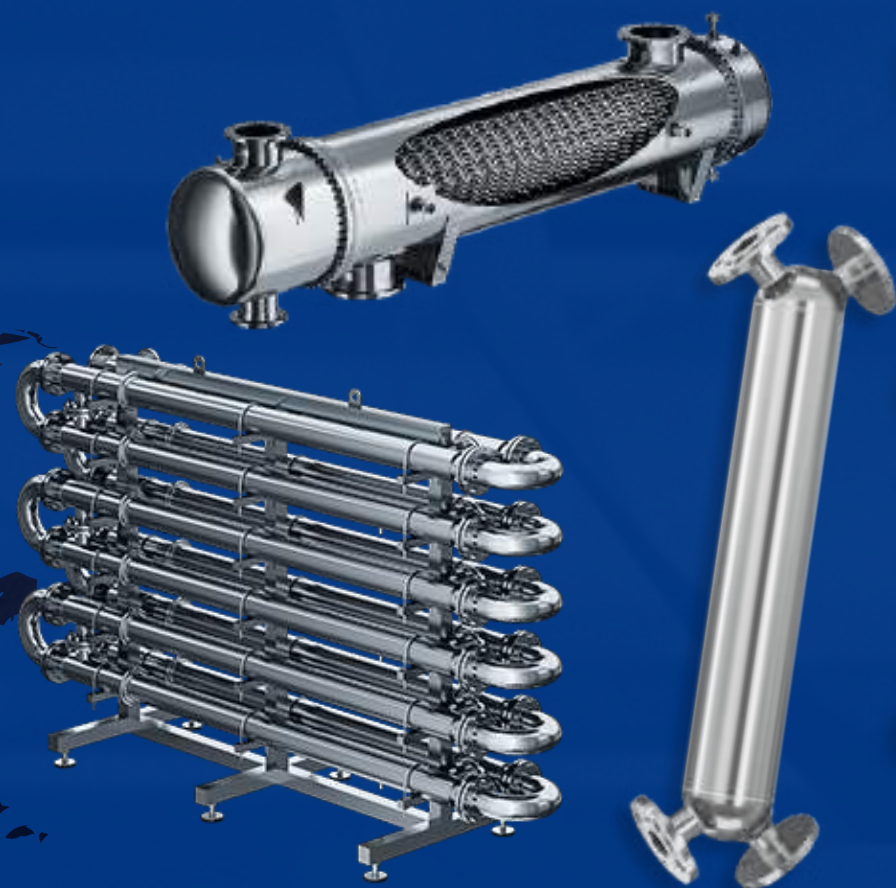
ALLOWING EFFECTIVE HEAT TRANSFER IN INDUSTRIAL & COMMERCIAL SYSTEMS

PLATE & FRAME EXCHANGERS

SHELL & TUBE EXCHANGERS

SHELL & COIL EXCHANGERS

INDUSTRIAL HEAT EXCHANGERS



JAG - F
PLATE HEAT EXCHANGERS

Features an innovative corrugation pattern and plate geometry, delivering up to 10% higher heat transfer efficiency and reduced pressure drop compared to standard designs

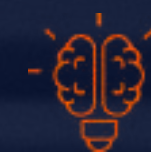
- ASME U & UM Stamps
- PED (Pressure Equipment Directive) 2014/68/EU
- UL Certification
- 3-A Sanitary Standards
- DNV Certification
- National Institute of Hygiene (PZH) Approvals

APPLICATIONS

CHEMICAL INDUSTRY	FOOD & BEV INDUSTRY	PHARMACEUTICAL INDUSTRY	HVAC - R
IRON & STEEL INDUSTRY	PULP & PAPER INDUSTRY	MARINE INDUSTRY	POWER

THE INNOVATIVE
JAG DESIGN

INGENIOUS PATTERN



INNOVATIVE CORRUGATION DESIGN



INCREASED HEAT EXCHANGE AREA



INCREASED PLATE DURABILITY



UPTO 10% LOWER PRESSURE DROP FOR HIGH FLOW PATTERN



UPTO 10% HIGHER HEAT TRANSFER EFFICIENCY

DECREASED FOULING

ENHANCED FLOW TURBULENCE



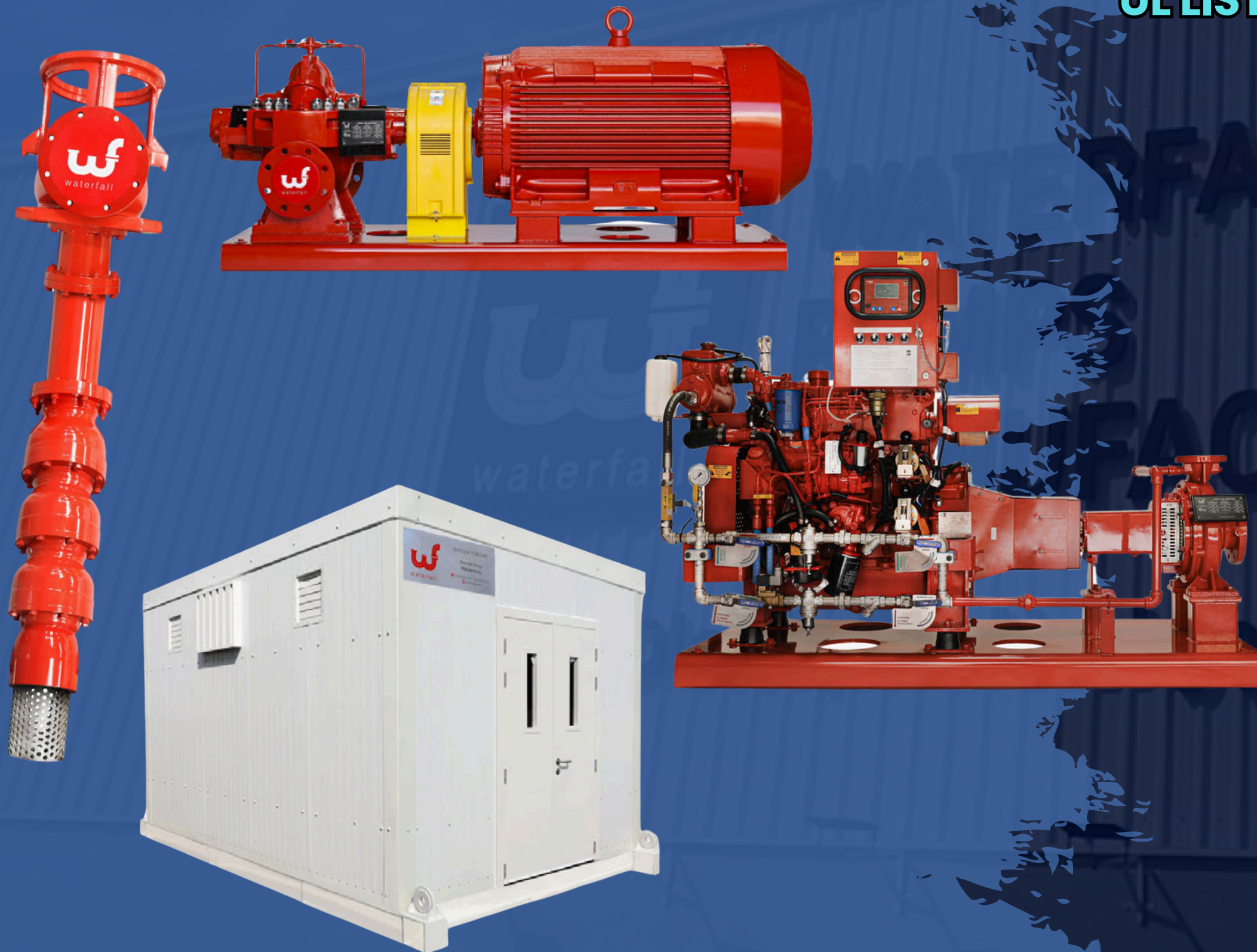


waterfall



FIRE PROTECTION PRODUCTS

UL LISTED | FM APPROVED | NFPA 20 STANDARDS



- **Horizontal Split Case Fire Pumps**
 - 81 psi to 345 psi | 300 GPM to 5000 GPM
- **Horizontal End Suction Fire Pumps**
 - 80 psi to 309 psi | 50 GPM to 1000 GPM
- **Vertical Turbine Fire Pumps**
 - 49 psi to 402 psi | 150 GPM to 2000 GPM
- **Fire Pump House Cabinet**

Structural steel frames | Fire resistant & Weather Proof thermal insulated Panels | Pre-piped & Pre-wired. | Fire-rated doors, Sprinkler provisions & Internal lighting & Power outlets. | Louvers & Exhaust fans for ventilation. Non-slip checkered mild steel plate flooring. | Lifting points for effective handling and easy transportability.

SAPAG
VALVES



Hexa
TRADING

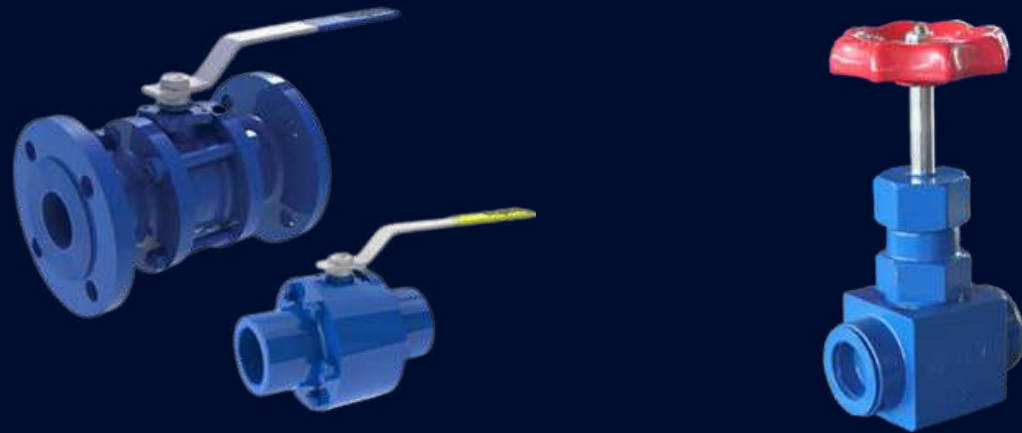
INDUSTRIAL VALVE MANUFACTURER

Butterfly Valve | Fire protection Butterfly Valve
High-Performance Butterfly valve | Ball Valve
Control Valve MONOVAR® | Check Valves
Actuators | Needle Valve V574/575/576
SAPAG® Pressure Relief Valve
Gate Valve V501 | Sights & Filters





- API 6D Split Body Floating/Trunnion Ball Valve
- API 6D Double Block and Bleed (DBB) Ball Valve
- API 6D Pig Ball Valve Launcher & Receiver
- API 6D Fully Welded Ball Valve
- High Pressure Wafer Type Ball Valve
- Burak Type Wafer Mono-Block Ball Valve
- Natural Gas Ball Valve
- EU Ball Valve
- High Pressure European Norm Ball Valve
- Cast Iron Water Ball Valve



VALVES & STRAINERS



API 6D Split Body Floating / Trunnion Ball Valve

- Up To 56"
- Class 150 -Class 2500
- DBB/DIB 1/DIB 2
- 3 Pieces Split Type
- Floating & Trunnion
- Full & Reduced Bore
- RF & RTJ & BW & SW & Threaded
- Lever & Gear & Actuator Operated
- API 6D | ASME B 16.10 | ASME B 16.5

API 6D Double Block and Bleed (DBB) Ball Valve

- Class 150 -Class 2500
- 3 Pieces Split Type
- Floating & Trunnion
- Full & Reduced Bore
- RF & RTJ & BW & SW & Threaded
- Lever & Gear & Actuator Operated
- API 6D | ASME B 16.10 | ASME B 16.5



API 6D Pig Ball Valve Receiver & Launcher

- Class 150 -Class 2500
- 3 Pieces Split Type
- Trunnion | Full Bore
- RF & RTJ
- Lever & Gear & Actuator Operated
- API 6D | ASME B 16.10 | ASME B 16.5



Strainer / Filter

- PN 16 & PN 40
- "Y" Type RF
 - TS 11494
 - TS 11494 / EN 558
 - EN 1092-1 / EN 1092-2

GAS DETECTORS

- Portable Gas Detectors :
 - Single Gas Detector (H2S, O2, CO)
 - Portable Pumping Gas Detector
O2 / CO / H2S / LEL (Multi 4)
- Portable Gas Analyzers
- Fixed Gas Detectors
- Particle Counter



HEXA GROUP

SUBSIDIARIES & DIVISIONS



GRADE 'A' ELECTRO MECHANICAL CONTRACTOR

Kahramaa Grade 'A' Contractor | Civil Defense Grade 'A' Contractor
Ashghal Approved Contractor

A premier Grade-A Electro-Mechanical service provider specializing in delivering bespoke, end-to-end turnkey solutions across the full spectrum of the project lifecycle. From visionary design and engineering to precise fabrication, flawless installation, meticulous testing, seamless commissioning, and comprehensive ongoing maintenance, the company consistently adheres to the highest standards of excellence, ensuring unparalleled quality at every stage of its operations.



POWERING HVAC WITH PRECISION DUCTS & SMART CHANNELS

From GI & PI ducts and accessories to slotted channels, aluminum cladding, and SS round ducts, Hexa Industries delivers high-performance solutions built for efficiency, durability, and precision. Engineered for seamless airflow and robust installations, we set the standard in HVAC and industrial excellence.

Hexa Group operates through a network of specialized subsidiaries and divisions, each dedicated to excellence in construction, engineering, manufacturing, oil & gas, and infrastructure development. These divisions ensure efficiency, innovation, and world-class project execution across multiple industries.



END TO END FACILITIES MANAGEMENT & MAINTENANCE SERVICES

Delivering seamless maintenance solutions, blending efficiency, reliability, and sustainability. From MEP and civil works to cleaning, security, landscaping, and waste management, we ensure every space operates at its best. With expert energy management, emergency response, and project execution, Hexa FM keeps your properties running smoothly.



**POWERING INNOVATION IN CONTROL AUTOMATION
AND LOW-VOLTAGE SOLUTIONS.**

Pacific Ocean specializes in engineering, designing, and manufacturing advanced PLC/SCADA systems, low-voltage switchgear panels, and bus duct trunking solutions—delivering seamless automation and power control under one roof.



Hexa Blu based in the UAE, redefines construction essentials, delivering high-performance consumables and accessories designed for strength, durability, and precision. With cutting-edge solutions, we empower modern infrastructure with unmatched quality and reliability.



SMART DESIGN, SUSTAINABLE SOLUTIONS

A subsidiary of Hexa Group, Hexa India Engineers & Consultants specializes in Civil and MEP design services, delivering innovative, sustainable, and cost-effective solutions for residential, commercial, and industrial projects. Our expertise in mechanical, electrical, and plumbing systems ensures precision-engineered designs tailored to every project's unique needs.



A subsidiary of Hexa Group, INDEGURU Design Academy was established in India to deliver cutting-edge engineering and design solutions while nurturing industry-ready talent. Our mission is to bridge the gap between education and industry demands, equipping professionals with the skills to excel.

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