

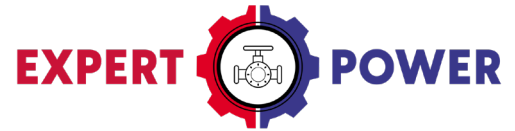
Products Brochure 2026

Valves • Pumps • Pressure Gauges • Thermometers
Flanges • Interceptors • Flexible Connectors • MEP Tags



EXPERT POWER

About Company



Expert Power Building Materials Trading LLC stands as the premier provider of cutting-edge industrial solutions in UAE. Our comprehensive portfolio includes Pressure & Temperature Instruments, Heating & Cooling Products, Valves, Flanges & Flexible Connectors, Flow Meters, Interceptors, Plumbing & Drainage Products, Pumps & Fire Pumps, Air Curtains, Heat Exchangers, Vibration Control Products, Water Heaters, Fire Rated Doors and MEP Signs.

With a commitment to quality and performance, we provide reliable products from reputed and certified manufacturers designed to meet the most rigorous standards in demanding applications. Our solutions enhance safety, efficiency, and reliability in modern engineering environments.

As a customer-centric organization, we continually invest in research and development to innovate and improve our offerings. Partner with us today and experience the Expert Power difference - where expertise meets cutting-edge solutions tailored to your success.

Brands & Manufacturers

TERAL **GRUNDFOS**

MIFAB

tml
INDUSTRIE LODDO

Zenith
WATER HEATER

3M

MAXWOR **MINDER**
WATER INDUSTRIES

K-FLEX

VTS

flamco **ARISTON**

TABLE OF CONTENT

Pressure & Temperature Instruments	04
Heating & Cooling Products	05
Valves	06
Flanges & Flexible Connectors	08
Flow Meters	09
Pumps & Fire Pumps	10
Water Heaters & Calorifiers	13
Plumbing & Drainage Products	15
Heat Exchangers	17
Air Curtains	18
Vibration Control Products	19
GRP Tanks, Expansion Joints	20
Insulation Products	21
MEP Signs	22
Road Signs & Signages	23



Pressure & Temperature Instruments

Pressure & Temperature gauges & Instruments are essential monitoring devices that measure, display, and transmit critical pressure and temperature data in industrial, HVAC, and process application.



Liquid-Filled Pressure Gauge



Differential Pressure Gauge



Digital Pressure Gauge



Industrial Thermometer



Bimetal Dial Thermometer



RTD temperature sensor



Pressure Transmitters



Pressure Switch



Thermocouple

Heating & Cooling Products



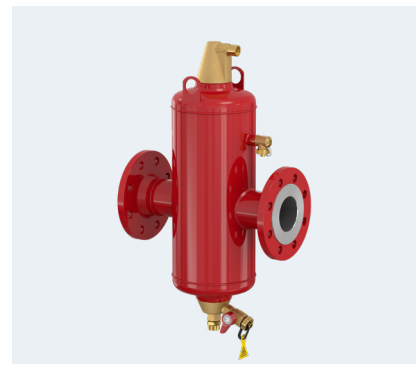
Flamco products support efficient HVAC and plumbing systems with expansion vessels, pressurisation units, air and dirt separators, air vents, degassers, dosing pots, and safety valves for reliable system performance.



Flexcon Premium
Expansion Vessel



Flamcomat
Expansion Automats



Smart Air Dirt Separator



Compact Pumpless
Pressurisation Unit



Double Pump
Control Unit



PSD 250 Degasser



Flexvent - Air Vent



Prescor Safety Valve



Mild Steel Dosing Pot

Standard Valves

Essential flow control devices that regulate, direct, and isolate fluid flow in piping systems. Various types offer specific functions for different pressure, temperature, and application requirements.



Ball Valve



Check Valve



Needle Valve



Butterfly Valve



Globe Valve



Gate Valve



Pressure-Reducing Valve



Diaphragm Valve



Y-Strainer

Speciality Valves

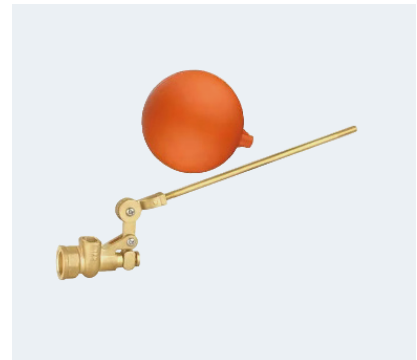
Speciality valves providing critical safety, temperature control, and automated regulation functions. From pressure relief to precise mixing and electronic actuation, these specialized valves ensure system protection and optimal performance.



Automatic Balancing Valve



Solenoid Shut-Off Valve



Float Ball Valve



Safety Relief Valve



Thermostatic Mixing Valve



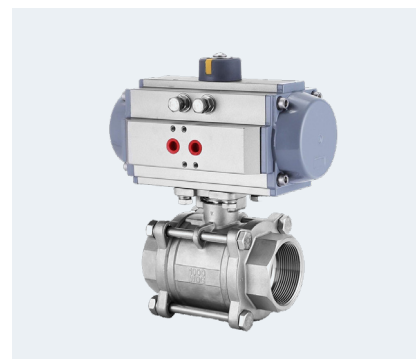
Angle Valve



Ductile Iron Float Valve



Automatic Air Release Valve



Pneumatic Actuator

Flanges & Flexible Connectors

Flanges and flexible connectors provide secure, leak-proof pipe connections while absorbing vibration, thermal expansion, and misalignment in plumbing and industrial fluid systems.



Rubber Expansion Joint



SS Braided Flexible Hose



Metal Bellows
Expansion Joint



PTFE-Lined
Flexible Connector



EPDM Flexible
Hose Connector



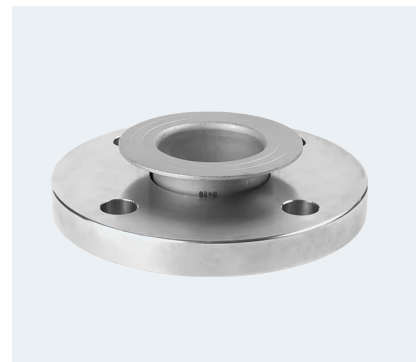
Weld Neck Flange



Socket Weld Flange



Threaded Flange



Lap Joint Flange

Flow Meters

Flowmeters and water meters provide accurate liquid measurement for residential, commercial, and industrial applications, ensuring reliable monitoring and efficient water management with advanced digital displays.



BTU Meter



Mult-jet Water Meter



Handheld Ultrasonic Flow Meter



Electromagnetic Flowmeter



Turbine Flowmeter



Coriolis Mass Flowmeter



Vortex Flowmeter



Thermal Mass Flowmeter



Insertion Magnetic Flowmeter

Teral pumps deliver reliable water movement solutions for HVAC, plumbing, wastewater, and industrial applications, covering circulation, booster, submersible, self-priming, multistage, and centrifugal pump requirements.



DH Split Case Pump



NSVM Vertical Multistage Pump



Primo 90-4M Multistage Pump



MSP Self-Priming Multistage Pump



SP3/SP Self-Priming Volute Pump



ASU Sewage Pump



APL Waste Water Pump



APLS Stainless Waste Water Pump



ALD Dewatering Pump

Grundfos delivers industry-leading pump solutions engineered for exceptional efficiency, reliability, and performance. Their innovative designs meet diverse water management needs while minimizing energy consumption across all applications.



Circulator Pumps



Pressure Booster Pump



Verticle Multi-stage Pump



Horizontal
Split-case Pump



Inline Single-stage Pump



End Suction
Long Couple Pump



Submersible
Wastewater Pump



Submersible
Groundwater Pump



Diaphragm Dosing Pump

Fire Pumps & Fire Doors

Fire Pumps supplies plumbing and drainage products designed for efficiency, durability, and ease of installation. Mifab's reliable solutions ensure seamless water management and robust drainage performance.

End Suction Fire Pump

Capacity: 50 GPM to 1000 GPM
Working Pressures: 60 to 234 PSI
Speed (rpm): 3500, 3600, 2900 & 3000
Frequency Rated: 60/50 cycle

- Compliance to NFPA 20 Design Requirements
- Wide Range of Flows and Pressures
- Available in Electric Motor and Diesel Engine driven configuration
- Suitable for Commercial, Industrial and Buildings.



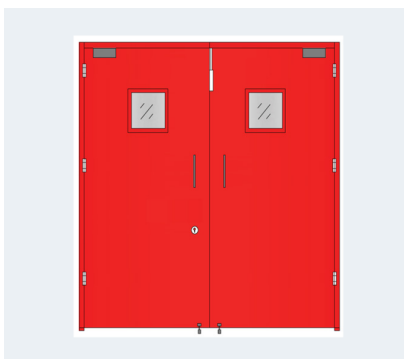
Split Case Fire Pump



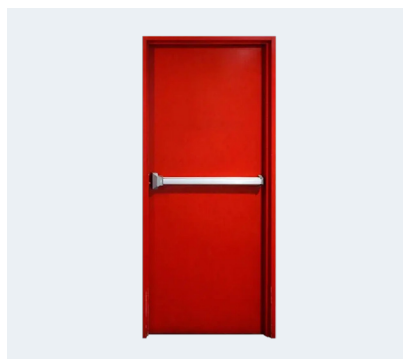
Jockey Pump



Angle Pit Drain



Fire Rated Double Leaf Doorset



Fire Rated Wooden Doors



Fire Rated Access Panel

Ariston delivers premium water heating solutions with their advanced Electric Water Heaters for reliable on-demand hot water and Solar Water Heaters that harness renewable energy for use in residential and commercial applications.

Electric Instantaneous Water Heater

Ariston ARES Slim Multi is a high-performance multi-point electric water heater designed for instant, on-demand hot water supply.

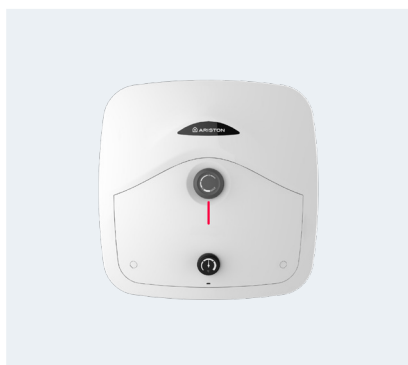
Its slim, space-saving design makes it ideal for kitchens, bathrooms, and utility spaces, delivering consistent hot water with energy-efficient operation for modern residential and light commercial applications.



Electric Storage Water Heater

Ariston's PRO1 R delivers exceptional hot water capacity in a sleek wall-mounted design. Available in 50, 80, and 100-liter options for versatile installation needs.

This efficient electric storage heater accommodates both vertical and horizontal mounting, seamlessly integrating into any space while providing reliable performance for everyday comfort.



ANDRES RS - Instantaneous Water Heater



Large Electric Storage Water Heater



Kairos Solar Water Heater

TML (Italy) offers premium water heating solutions with their advanced Calorifiers for reliable on-demand hot water storage and Solar-compatible configurations that harness renewable energy for use in residential and commercial applications.

AISI 316L Stainless steel calorifier with fixed coil Eco Line

ECO LINE series calorifiers are made of AISI 316L Stainless steel, designed for the production and storage of domestic hot water (DHW). They are equipped with one or two internal fixed coils that can be fed by a solar system and/or a boiler.

Eco-Line is the best entry level solution for domestic use or small applications, thanks to their versatility and compactness.



ECO1 SS Calorifier with one H.E.
ECO2 with two heat exchanger

Calorifiers with Removable Heat Exchangers

BVIVA and BV2V Calorifiers deliver exceptional hot water storage capacity in a robust floor-standing design. Available with single or dual removable copper heat exchangers.

These efficient indirect storage calorifiers accommodate boiler, solar, and steam heat sources providing reliable and consistent hot water supply.



SFI - SS Calorifier
with Fixed Coil



WP1X / WP2X Calorifier
for Heat Pumps



BV1VS Calorifier with
Steam Exchanger

Plumbing & Drainage Products



Mifab supplies plumbing and drainage products designed for efficiency, durability, and ease of installation. Mifab's reliable solutions ensure seamless water management and robust drainage performance.



Trap Seal Primer



Electronic Trap Seal Primer



Weld Neck Flange Seal Primer



Floor Drain



Sump Roof Drain



Angle Pit Drain



Backflow Preventer



Dielectric Union



Trench Drains

Interceptors & Neutralization Tanks



Mifab provides high-performance interceptors and neutralization tanks engineered for superior contaminant capture and pH balancing. Their durable solutions ensure regulatory compliance while protecting plumbing systems and the environment from harmful waste discharge.

Self Cleaning Interceptor

Mifab Self Cleaning Interceptors are expertly crafted from high-density polyethylene, ensuring a lightweight and compact design.

These interceptors feature a seamless, rotationally molded construction with a uniform wall thickness of 9.5mm. They are versatile for both above and below ground installations, providing flexibility for various applications.



MI-NEUT Acid Neutralization Tank

Mifab Acid Neutralization Tank is engineered with a seamless polyethylene body, ensuring robust and leak-proof performance.

The tank is topped with an acid-resistant epoxy-coated lid, secured with stainless steel hardware and a neoprene gasket, providing a reliable seal against corrosive substances.



BIG MAX HDPE
Oil Interceptor



SUPERMAX
Grease Interceptor



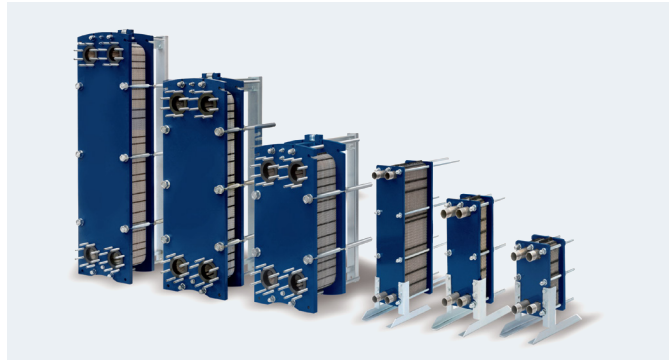
MI-SAND
Sand Interceptor

Maxwor delivers industry-leading heat exchange solutions engineered for exceptional thermal efficiency, durability, and performance. Their comprehensive range meets diverse industrial requirements while minimizing space requirements and maximizing energy savings.

Gasketed Heat Exchangers

Maxwor Gasketed Plate Heat Exchangers deliver maximum thermal efficiency through specialized plate designs that utilize every surface point for optimal heat transfer.

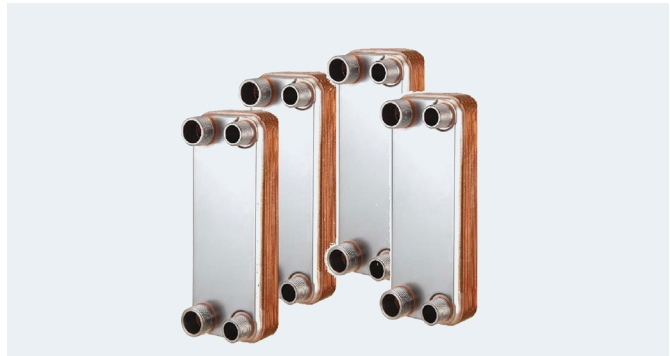
Their compact structure allows for easy maintenance while handling impressive specifications—operating under 1°C temperature differentials, pressures up to 40Bar, and flow capacities reaching 4500m³/h.



Brazed Plate Heat Exchanger

Mifab Acid Neutralization Tank is engineered with a seamless polyethylene body, ensuring robust and leak-proof performance.

The tank is topped with an acid-resistant epoxy-coated lid, secured with stainless steel hardware and a neoprene gasket, providing a reliable seal against corrosive substances.



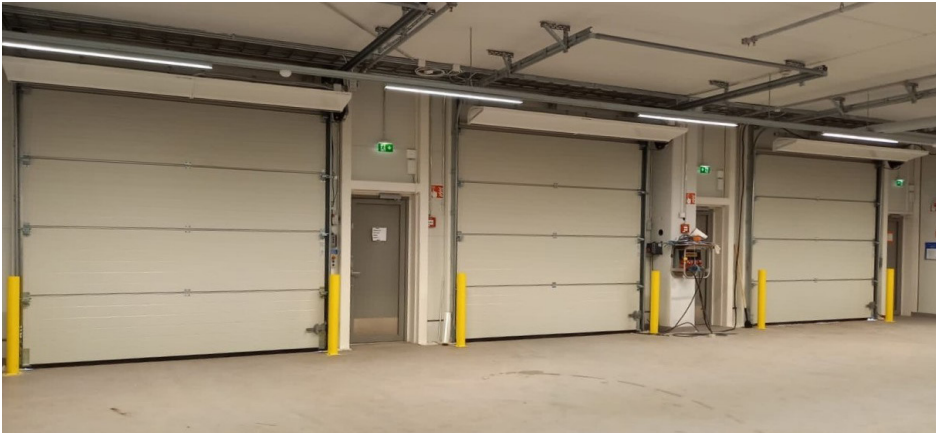
Finned Tube Heat Exchanger

Maxwor's Brazed Plate Heat Exchangers deliver exceptional impermeability through vacuum-sealed copper or nickel brazing technology.

These compact units excel in critical applications including evaporators, condensers, and instantaneous heaters where absolute leak prevention is essential.



VTS delivers superior climate separation with their Wing series for commercial entrances and Wing Pro Industrial models for demanding environments with larger doorways, ensuring energy efficiency and powerful barrier protection.



Air Curtain

Mifab Acid Neutralization Tank is engineered with a seamless polyethylene body, ensuring robust and leak-proof performance.

The tank is topped with an acid-resistant epoxy-coated lid, secured with stainless steel hardware and a neoprene gasket, providing a reliable seal against corrosive substances.

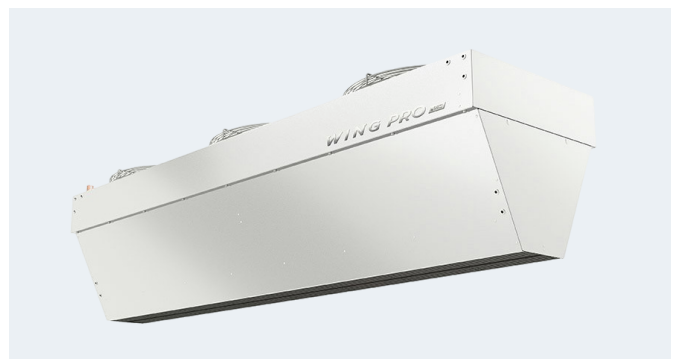


VTS Wing Air Curtain

Industrial Air Curtains

Mifab Acid Neutralization Tank is engineered with a seamless polyethylene body, ensuring robust and leak-proof performance.

The tank is topped with an acid-resistant epoxy-coated lid, secured with stainless steel hardware and a neoprene gasket, providing a reliable seal against corrosive substances.



VTS Wing Pro Air Curtain

Vibration & Noise Control Products

Heating & Cooling Products include and drainage products designed for efficiency, durability, and ease of installation. Mifab's reliable solutions ensure seamless water management and robust drainage performance.



Anti-Vibration Mount



Rubber Isolators



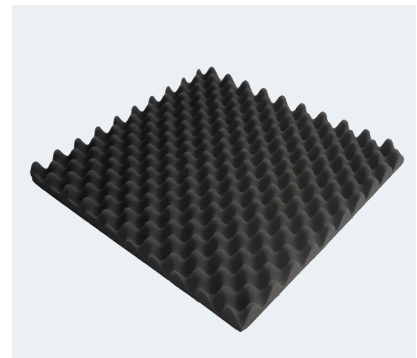
Spring Isolators



Acoustic Insulation Mat



Flexible Pipe Hanger



Sound Dampening Pad



Neoprene Mount



Pump Vibration Isolators



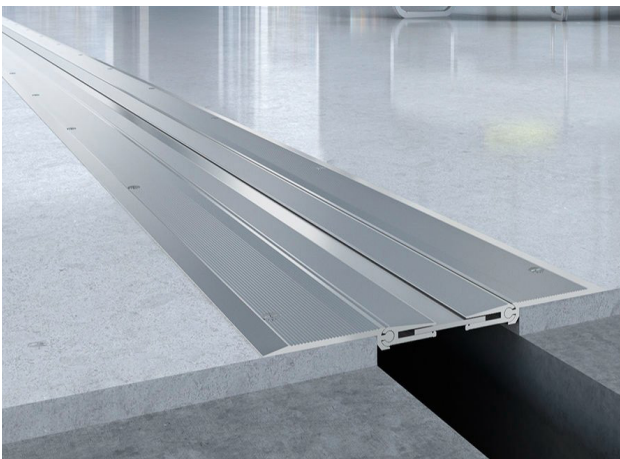
Flexible Connector

Penstocks, GRP Tanks & Expansion Joints

Penstocks control water flow in hydroelectric systems while electronic level sensing provides real-time monitoring of water levels, ensuring optimal operation and preventing overflow conditions.



Expansion Joints



Expansion joints absorb thermal movement, vibration, and structural shifts in floors, walls, and pipelines. Engineered for stress relief, they prevent cracks and enhance longevity in dynamic industrial and construction applications.

GRP Tanks

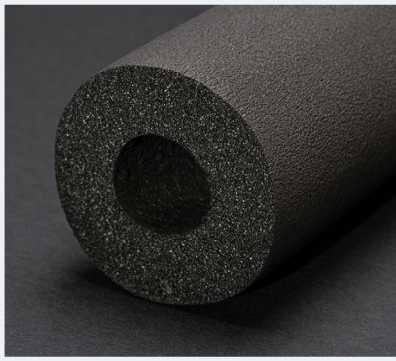


GRP (Glass Reinforced Plastic) tanks offer superior corrosion resistance, lightweight durability, and customizable designs for industrial water, chemical, and fuel storage. Ideal for harsh environments, ensuring long-term reliability and low maintenance.

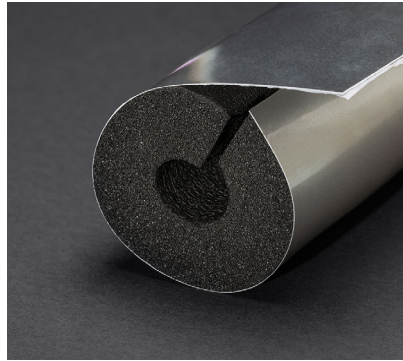
Insulation Products



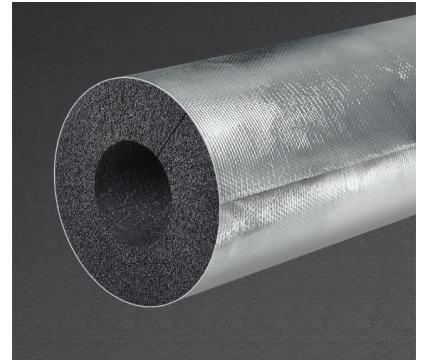
K-Flex Products provide reliable insulation solutions for HVAC, plumbing, refrigeration, and industrial systems, helping improve energy efficiency, condensation control, thermal protection, and long-term system performance.



K-FLEX ST



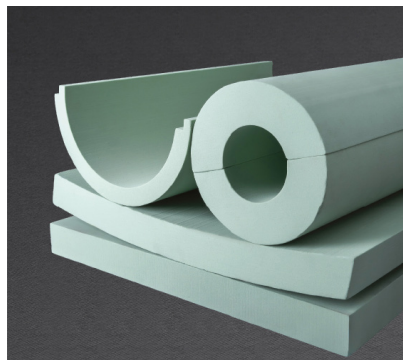
K-FLEX AL CLAD SYSTEM



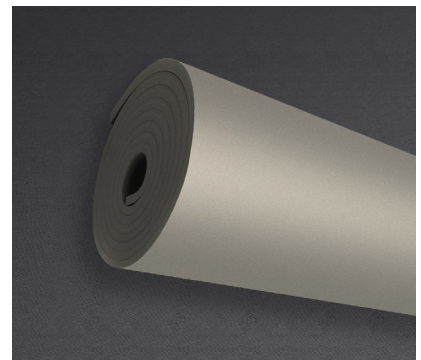
K-FLEX ST AG



K-FLEX TITAN



K-FLEX PIR



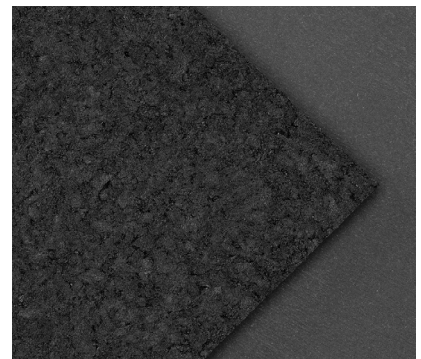
K-FLEX K-PROTECT



K-FLEX Pipe Support



K-FLEX K-FIRE Range



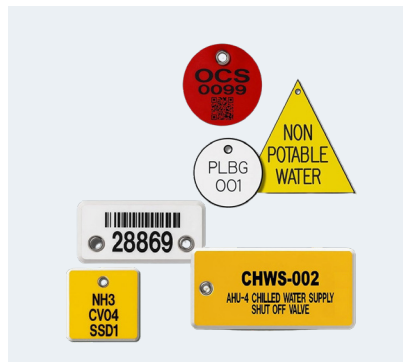
K-FLEX K-FONIK Range

MEP Signs & Tags

MEP tags provide essential identification for mechanical, electrical, and plumbing systems, ensuring proper maintenance, safety compliance, and quick component recognition during emergencies and routine servicing.



Pipe Markers



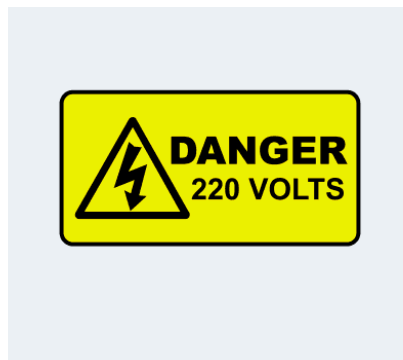
Valve Tags



Equipment Identification Tags



Warning Tapes



Electrical Panel Labels



Directional Flow Arrows



Safety Instruction Tags



Fire Protection System Tags



Exit Signs

Road Signs & Signages

Expert Power provide dynamic messaging and signage solutions, ensuring effective traffic management, road safety compliance, and quick navigation during emergencies and routine operations across residential, commercial, and public space environments.

Variable Message Signs (VMS)

Variable Message Signs are high-performance dynamic display solutions designed for real-time information delivery and traffic communication.

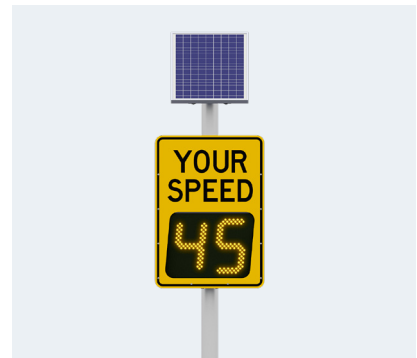
Their versatile, weather-resistant design makes them ideal for highways, urban roads, and public spaces, delivering clear and timely messaging with energy-efficient LED operation for modern transportation and smart city applications.



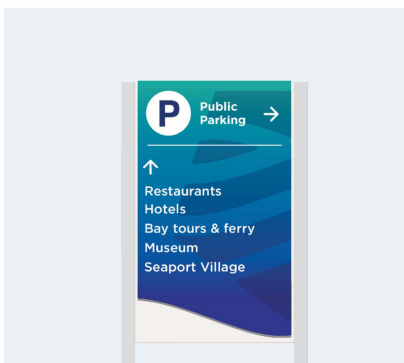
Road Traffic Signs



Road LED Direction Sign



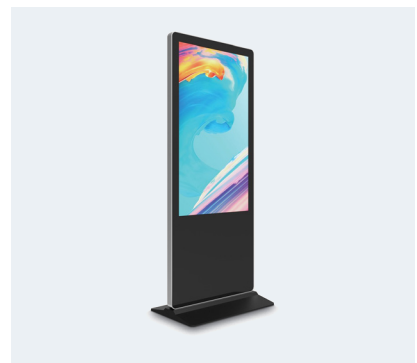
Solar Radar Speed Sign



wayfinder signages



Company Indoor & Outdoor Signage



Digital Signages



Expert Power Building Materials Trading LLC, UAE is a leading provider of innovative industrial solutions in the region. We offer a wide array of products including pressure & temperature instruments, heating & cooling solution products, valves, flanges & flexible connectors, flow Meters, plumbing & drainage systems.

We also supply pumps & fire pumps, air curtains, heat exchangers, vibration control devices, water heaters, and MEP signs. With trusted brands such as Mifab, Grundfos, Maxwor, VTS, Ariston, and 3M, our products consistently deliver durability and performance in demanding applications.

GET IN TOUCH

Mohammad Ashraf
General Manager
+971-52558-0577
mashraf@expertpower.ae

Shraddha P.
Business Development Manager
+971-52320-2961
shraddha@expertpower.ae

Asharaf C.
Sales Engineer
+971-58663-3525
asharaf@expertpower.ae

Muhammed Mashood
Sales Engineer
+971-58671-2586
mashood@expertpower.ae

Expert Power Building Materials Trading LLC

M02, Al Mazoon Building, Damascus Street, Al Qusais - 2, Dubai, UAE

Phone: +971 52558-0577 Email: mashraf@expertpower.ae Website: www.expertpower.ae