

Products Brochure

2025

Valves • Pumps • Pressure Gauges • Thermometer
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, 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

GRUNDFOS

MAXWOR

MIFAB

VTS

ARISTON

3M

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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

Heating & cooling solution products are essential components that maintain optimal system pressure, remove air and dirt, prevent corrosion, and ensure efficient operation while maximizing energy efficiency in HVAC systems.



Expansion Vessel



Expansion Vessel for Potable Water



Horizontal Expansion Tank



Microbubble Air Separator



Automatic Air Vents



Air & Dirt Combined Separator



Air Elimination Valve



Vacuum Degasser



Compact Pressurization Unit

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



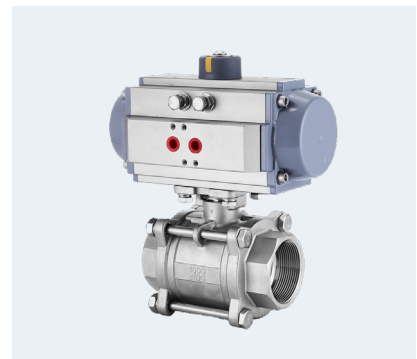
Angle Valve



Ductile Iron Float Valve



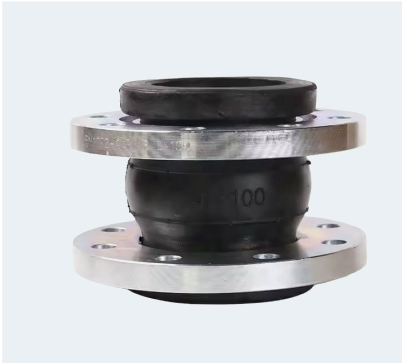
Automatic Air Release Valve



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



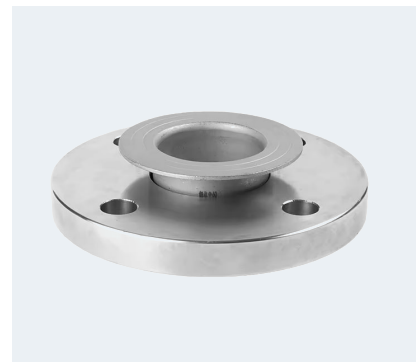
Weld Neck Flange



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

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



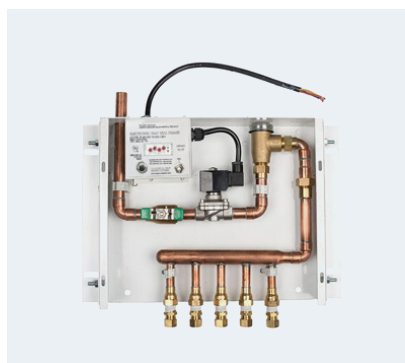
MI-SAND
Sand Interceptor

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



Floor Drain



Sump Roof Drain



Angle Pit Drain



Backflow Preventer



Dielectric Union



Trench Drains

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 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

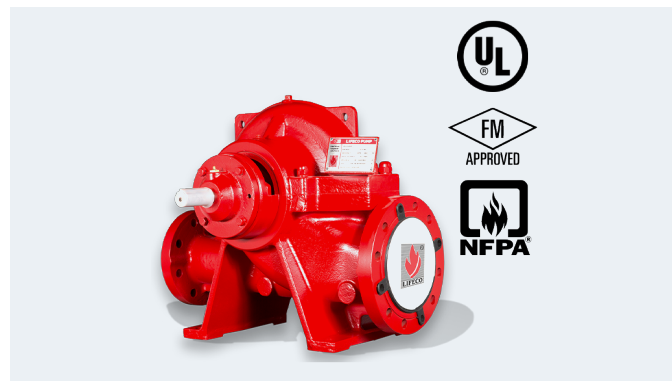
- Compliance to NFPA 20 Design Requirements
- Wide Range of Flows and Pressures
- Available in Electric Motor and Diesel Engine driven configuration
- Suitable for Commercial, Industrial and Buildings.



Splitcase Fire Pump

Capacity: 150 GPM to 3500 GPM
Working Pressures: 88 to 335 PSI
Speed (rpm): 1800 to 3000
Frequency Rated: 60/50 cycle

- Volute Type Thru-Bore Casing
- Frame-Mounted Design
- Small Footprint Ideal for Retrofit
- Dynamically Balanced
- Double Suction Impeller
- Heavy Duty With Heavy Wall Thickness



Jockey Pump



Vertical Turbine
Fire Pump



Deluge Valve

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.

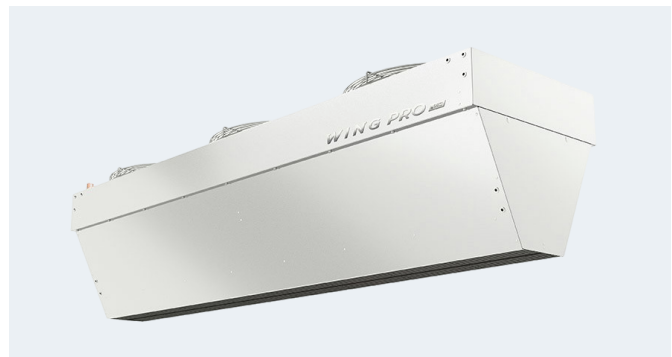


VTS Wing Air Curtain

Industrial Air Curtains

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

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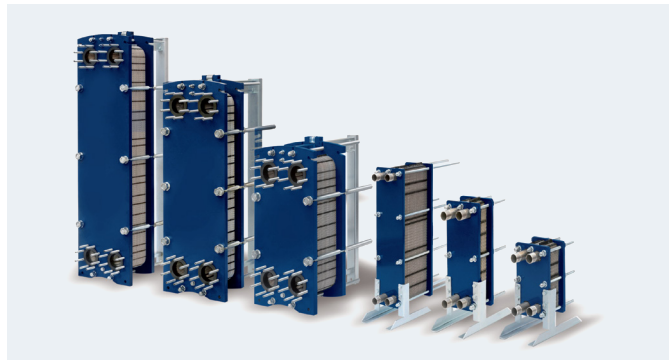
VTS Wing Pro Air Curtain

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.

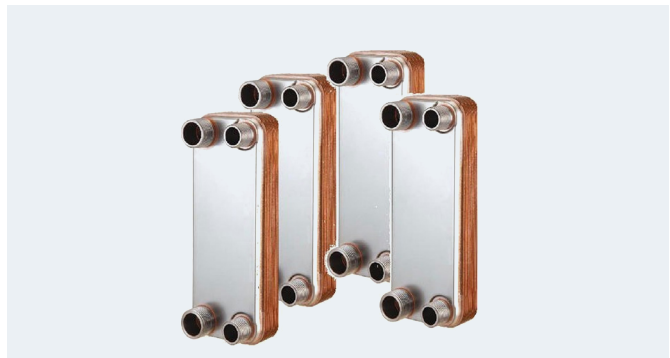
Their compact structure allows for easy maintenance while handling impressive specifications—operating under 1°C temperature differentials, pressures up to 40Bar, and flow capacities reaching 4500m³/h.



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.

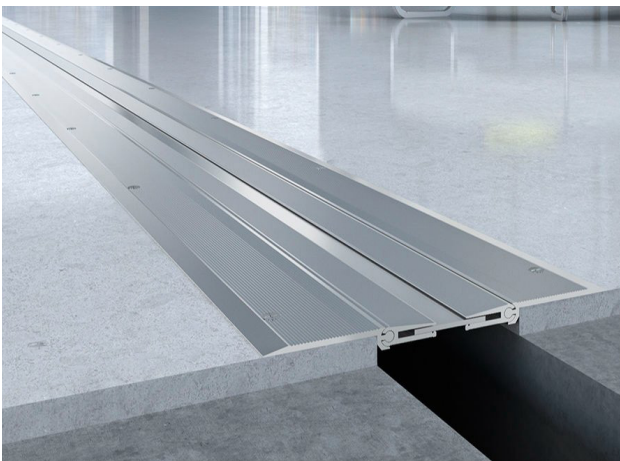


Penstocks, GRP Tanks, Expansion Joints

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.

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



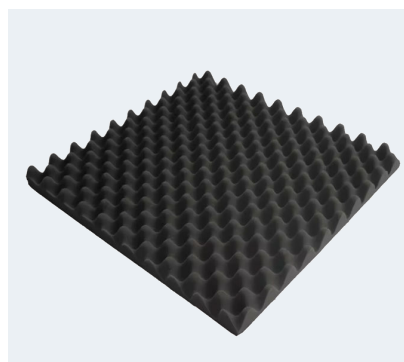
Spring Isolators



Acoustic Insulation Mat



Flexible Pipe Hanger



Sound Dampening Pad



Neoprene Mount



Pump Vibration Isolators



Flexible Connector

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 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.



Electric Instantaneous
Water Heater



Large Electric Storage
Water Heater



Kairos Solar
Water Heater

Water Heater Calorifiers

TML (Italy) Water Heater Calorifiers offer dependable hot water solutions with robust construction and high-performance efficiency. Available in a range of capacities, they are designed to meet varying residential and commercial needs with long-lasting durability.

Engineered for flexibility, these calorifiers support vertical or horizontal installation, ensuring seamless integration and consistent hot water delivery.



AISI 316L SS Calorifier
with Fixed Coil



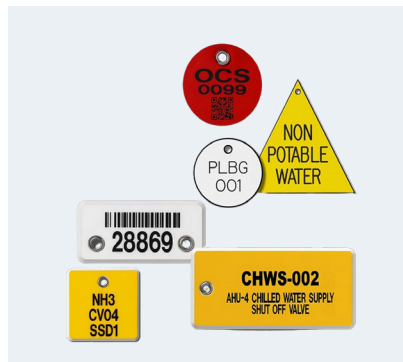
Double Fixed Coil
Boiler with Solar module

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 Sign



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.

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