AIR TANKS
PRODUCT CATALOGUE
Sustainable Innovation, Quality Standardization and Dynamism

Ekin Endüstriyel, which has entered Turkish heating sector by exporting of plated heat exchangers, is known with customer focused vision and dynamism. Ekin has expanded into new and upcoming investments. One of the main steps was gaining the identity of being a producer. Ekin has started the production of plate heat exchangers with the brand of 'MIT'. We have grown in the philosophy of quality, through initially adapting to ISO Quality Management.

MIT plate heat exchangers have become a solution for engineering problems in the world market and have grown through an expansion of franchises.

Engineering Approaches, Integrated Solutions

Ekin has expanded into the production of components, sales, and after-sales service by employing expert engineers. The factors that guided Ekin to success are their exceptional customer service to the needs and wants of consumers, modern facilities, and becoming partners to projects that involve high-end technology.

Ekin is an expert company which has a wide product range which includes plate heat exchangers, accumulation tanks, water heater tanks, installation, and its service group and submit competitive advantages to mechanical installation sector in Turkey and all around the world.
APPLICATION FIELDS

HEAT TRANSFER PRODUCTS
- Gasketed Plate Heat Exchangers
- Brazed Heat Exchangers
- Shell & Tube Heat Exchangers
- Air Fan Oil Cooler
- Economizers
- Coils and Radiators

PRESSURE VESSELS
- Water Heater Tanks
- Water Storage Tanks
- Buffer Tanks
- Expansion Tanks
- Stainless Steel Process Tanks
- Balance Tanks / Dirt Separators / Air Separators
- Pressured Air Tanks
- Neutralization Tanks
- Air Tubes
- Steel IBC Tanks with ADR

COMPLETE SYSTEMS UNITS
- Heat Stations
- Steam Package Systems
- Special Designed Systems
- Dosing Systems
- Substations
- Thermoregulators

FOOD GRADE SYSTEMS
- Pasteurizers with plate heat exchangers
- Hygienic Pasteurizers with Shell & Tube Heat Exchangers
- Cheese and whey Systems
- UHT – Sterilization Systems
- CIP Systems
- Hygienic Storage and Process Tanks
- Homogenizers
- Standardization Systems
- Evaporators
- Turn-key Projects

FLUID TRANSFER PRODUCTS
- Lobe Pumps
- Hygienic Centrifuge Pumps
- Turbo / Roots / Centrifuge Blowers
- Drum Pumps
- Acid Pumps
- Dosing Pumps
- Monopumps
- Air operated Double Diaphragm Pumps (AODD)

VALVES
- Thermoplastic Valves
- Plastomatic Valves

ENERGY SYSTEMS
- Solar Collectors
- Water Heater Tanks for Solar
Contents

1 Air Tanks
## TECHNICAL INFORMATION

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The air tank is one of the main products that balances the pressure fluctuations at the compressor outlet. Provides air pressure at constant pressure. Stores the amount of air required to meet sudden air demands exceeding the compressor capacity.

The capacity of the air tank is determined depending on the compressor capacity and the shape of the air demand. Air tanks should be installed where the ambient temperature is low. The place where the tank is located in a moist and corrosive place should be produced by increasing the strength by removing the double layer primer.

Air tanks are manufactured in such a way that they can be fitted with the necessary accessories.

For example;
• Safety valve
• Drain valve
• Manometer

Our air tanks are produced in 10-16-20 and 40 bars. Custom designs can be produced.
Ekin is aware that the progress in its sector is possible through continuous development and learning.

Ekin Academy, established with this awareness, aims to provide high-quality and sustainable development with its modern education methods, to provide successful employees and to provide value to the society through social responsibility projects.

Training and development programs that will make a direct contribution to the results of our employees' work processes and which will make a difference in their personal development are prepared by Ekin Academy.

For our business partners and customers, our training modules prepared by our expert staff provide training support for pre-sales and post-sales issues such as commissioning, operation, maintenance and repair of our products.

In cooperation with universities within the scope of corporate social responsibility projects, we are experiencing the happiness of adding value to the society by allowing the engineer candidate, who aims to take place in the fields where Ekin is active, to meet with the sector and to experience the theoretical knowledge acquired in the fields of application.

**In-Company Trainings**

Ekin Academy conducts technical, leadership, strategy development, sales and training and development programs for different tasks in the fields of heat transfer, pressure vessels, package systems, food systems and liquid transfer.

**Out-of-Company Trainings**

We are realizing conferences and training activities to our business partners, professional groups and institutions where we carry out social responsibility projects in various locations of Turkey.
SALES TEAM

At Ekin, we produce a proactive solution by our engineering staff who are specialized in their field. Our team, which works with the aim of unconditional customer satisfaction, works selflessly in order to gain customer loyalty by raising the bar of success in products, services and processes.

We are happy to share our accumulated knowledge with our valued customers. Ekin will continue to be the best solution partner for you in all applications with all kinds of heating and cooling applications.

Customer Satisfaction
Customer rights are protected in all circumstances.

Privacy Policy
Aware of the importance of protecting personal information, personal information is not shared with third parties.

Information Security
The requirements of ISO 27001 information security management system are fulfilled at Ekin.

Ethical Values
In all our business relations, our principle of mutual benefit by adhering to laws and ethics is our principle.
CERTIFICATES
From our MIT professional system solution center, you can get help with problems with your pumps, heat exchangers and your system. Our solution center consisting of our expert engineers will be happy to help you.

- Domestic hot water installations.
- Central and district heating systems.
- Milk, yogurt, buttermilk heating, cooling and pasteurization systems.
- Industrial cooling and heating systems.
- Oil cooling systems.
- Energy recovery systems.
- Pool heating systems.
- Steam installations.

It is vital for your system to be designed and implemented correctly in the first installation in order to be able to operate at the desired capacity, smoothness and long life. For this reason, you can get first-hand the technical support you need during the installation phase of your system and the problems that may arise in the business; You can reach us 24 hours +90 (216) 232 24 12 in 7 days.

We would like to reiterate that we will be happy to share our knowledge accumulated over many years with our valued customers in order for your system to work correctly and performance.

Ekin will continue to be the best solution partner for you in all applications with all kinds of heating and cooling applications.
Our products are produced with Turkish engineering technology in 135 countries in the world today...