



EKİN ENDÜSTRİYEL

Heat Stations



# Our Main Focus

## Heat Transfer Section

- Plate Heat Exchangers
- Brazed Heat Exchangers
- Flat Stations
- Shell And Tube Heat Exchanger

## Pressure Vessel Section

- Water Heater Tanks
- Accumulation Tanks
- Stainless Process Tanks
- Expansion Tanks
- Balance Tanks

## Separator Vessels Section

- Balance Tanks
- Dirt Separators
- Air Separators
- Package Dirt And Air Separators
- Package Balance Dirt And Air Separators

## Liquid Transfer Section

- Rotary Lobe Pumps
- Barrel Pumps
- Mono Pumps
- Domestic Pumps
- Air Diaphragm Pumps
- Twin Screw Hygienic Pumps
- Magnetic Coupling Centrifugal Pumps
- Hygienic Centrifugal Pumps
- Peristaltic Hose Pumps
- Dosage Pumps



## Sustainable Innovation, Quality Standardization and Dynamism

Ekin Industrial has entered Turkey's sector of imported plate heat exchanger, with their customer focused vision and dynamic. Ekin has expanded into new and upcoming investments. One of the main steps was gaining the identity of being a producer. Ekin Industrial has started the production of plate heat exchangers with the brand of 'MIT'. We grew in the philosophy of quality through initially adapting to ISO Quality Management System procedures, and completed the CE security and quality certification period, and has matched foreign standards like GOST. MIT plate heat exchangers have now become a solution to engineering problems in the world market and has grown through an expansion of franchises.

## Engineering Approachments, Integrated Solutions

Ekin Industrial, with investment in MIT plate heat exchangers, their identity of producer and engineer vision is aiming to solve problems in the sector. To meet these views, Ekin Industrial has expanded into the production of components, sales and after sales service by employing expert engineers. The factors that guided Ekin Industrial 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 Industrial is an expert company which has wide product range which includes plate heat exchangers, accumulation tanks, water heater tanks, installation materials and its service group and submit competitive advantages to mechanical installation sector in Turkey and all around the World.



## MIT Package Systems



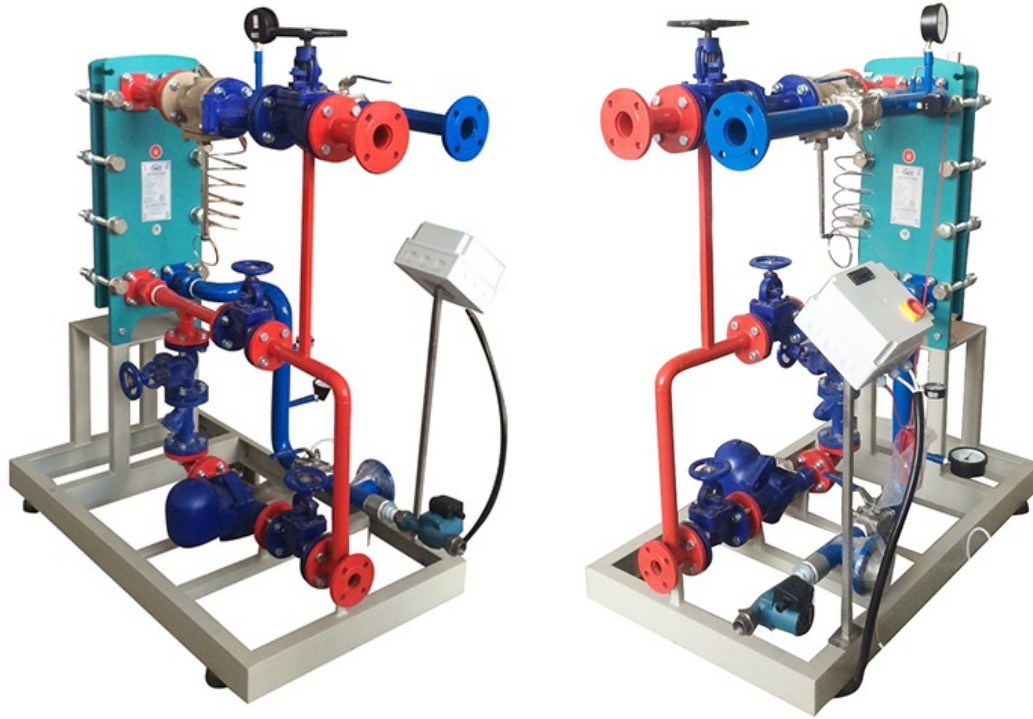
MIT package systems are used in hot water, vapour, chiller, radiator and similar applications in buildings, factories, geothermal plants, swimming pools, hvac, other industrial facilities and marine facilities.





## Heating The Radiator With Vapour

Although vapour is a significant energy source for heating, it can be very dangerous. Suitable materials must be chosen carefully and equipment design must be done by specialists.



Heat demand is provided by using the existing vapour system by automatically opening and closing system to desired temperature, using minimum energy and maximum performance. Package systems can be designed fully or semi automatic by using first class materials and be on service for long years.

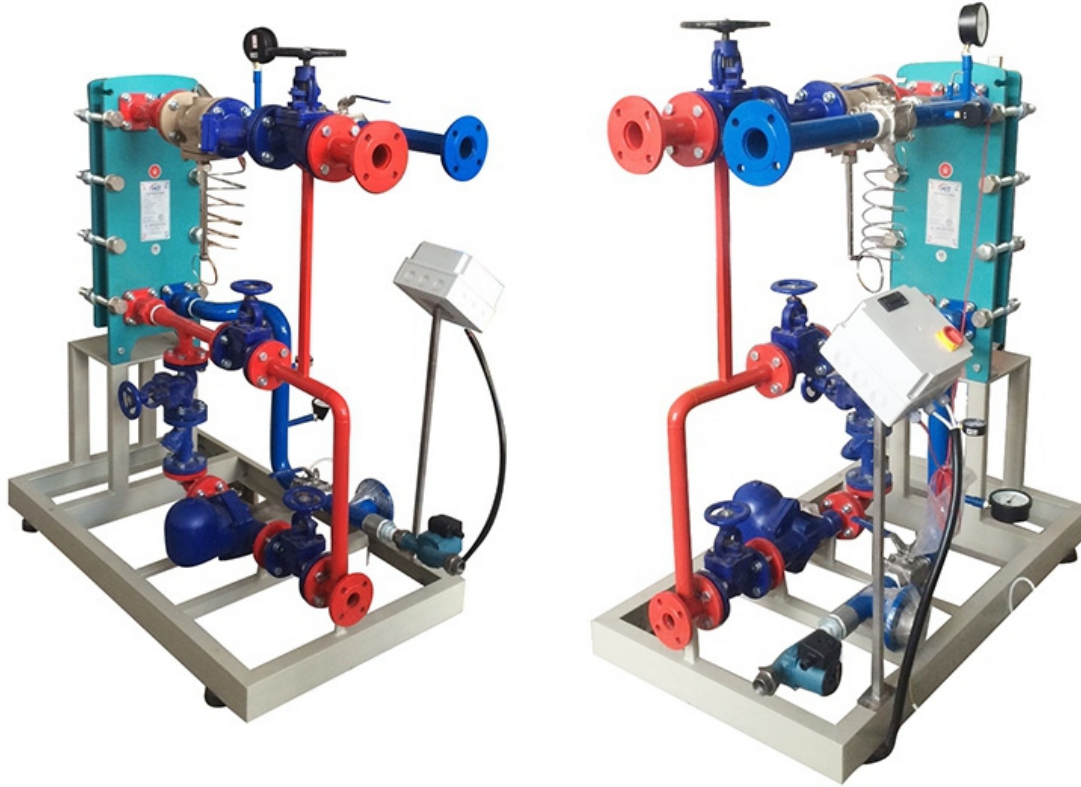
MIT package systems are designed by customers demands and prepared in 3D. Therefore you can present it to your customers or director and get confirmation. You can have idea about its dimensions.

You can choose suitable system using the table below.

HEATING THE RADIATOR WITH VAPOUR				
MODEL	KW	VAPOUR PRESSURE	SECONDERY CYCLE	OPERATING TEMPERATURE
HZL BR4	0-210	1-4 BAR	RADIATOR TEMPERATURE	90/70
HZL BR9	200-450	1-4 BAR	RADIATOR TEMPERATURE	90/70
HZL BR51	450-950	1-4 BAR	RADIATOR TEMPERATURE	90/70
HZL BR52	950-4000	1-4 BAR	RADIATOR TEMPERATURE	90/70

## Heating The Usage Water By Vapour

Package systems is used in the facilities which has hot water energy source, to use it in same area or transfer this energy for another area.



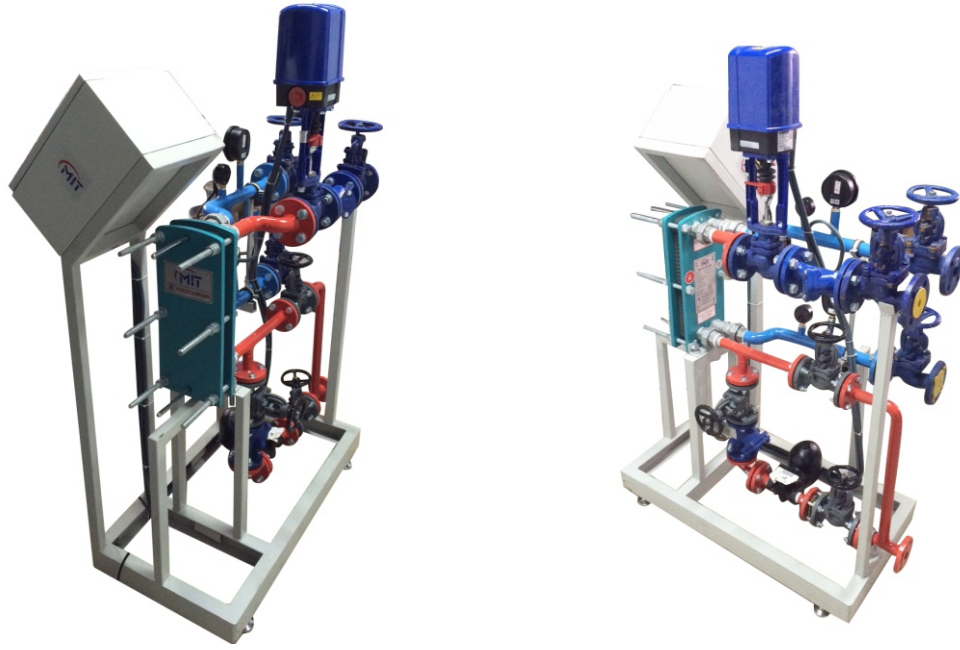
Vapour systems must be designed with suitable materials by specialist. Hot water demand is provided by using the existing vapour system by automatically opening and closing system to desired temperature, using minimum energy and maximum performance. Package systems can be designed fully or semi automatic by using first class materials and be on service for long years.

MIT package systems are designed by customers demands and prepared in 3D. Therefore you can present it to your customers or director and get confirmation. You can have idea about its dimensions. You can choose suitable system using the table below.

HEATING WATER BY VAPOUR				
MODEL	KW	VAPOUR PRESSURE	SECONDERY CYCLE	OPERATING TEMPERATURE
HZL BR4	0-210	4 BAR	USE WATER	60/10
HZL BR9	200-450	4 BAR	USE WATER	60/10
HZL BR51	450-950	4 BAR	USE WATER	60/10
HZL BR52	950-4000	4 BAR	USE WATER	60/10

## Radiator Heating System By Hot Water Source

Package systems can be used in the facilities which have a hot water energy source, to use it in the same area or transfer this energy to another area.



Factories, Power Plants, Geothermal Plants, Apartments are suitable using areas.

Heat demand is provided by using the existing hot water source by automatically opening and closing the system to the desired temperature, using minimum energy and maximum performance. Package systems can be designed fully or semi-automatic by using first-class materials and can be in service for many years.

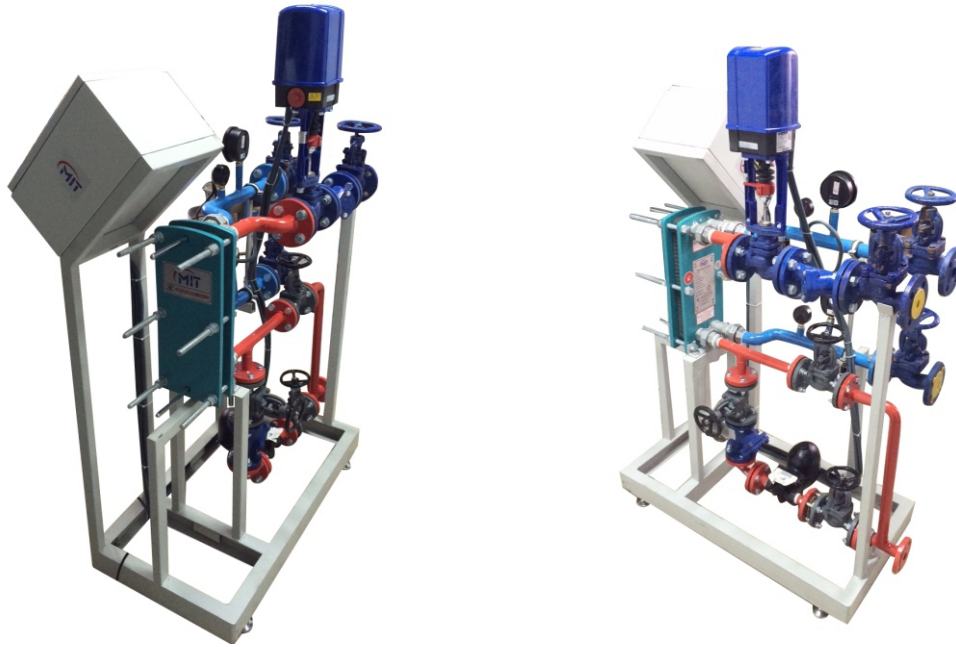
### RADIATOR HEATING SYSTEM BY HOT WATER SOURCE

MODEL	KW	PRIMARY TEMPERATURE	SECONDARY CYCLE	OPERATING TEMPERATURE
HZL BR4	0-120	90/70	RADIATOR	80/60
HZL BR9	120-400	90/70	RADIATOR	80/60
HZL BR51	400-1000	90/70	RADIATOR	80/60
HZL BR52	1000-4000	90/70	RADIATOR	80/60

## Obtaining The Usage Water By Hot Water Source

Factories, Power Plants , Geothermal Sources , Apartments are suitable using areas.

Hot water demand is provided by using the existing hot water source by automatically opening and closing system to desired temperature, using minimum energy and maximum performance.



Package systems can be designed fully or semi automatic by using first class materials and be on service for a long years.

MIT package systems are designed by customers demands and prepared in 3D. Therefore you can present it to your customers or director and get confirmation. You can have idea about its dimensions. You can choose suitable system using the table below.

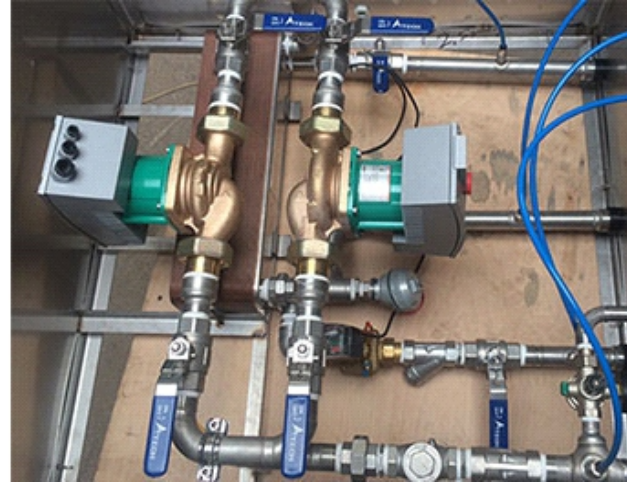
### OBTAINING THE USAGE WATER BY HOT WATER SOURCE

MODEL	KW	PRIMERY TEMPERATURE	SECONDERY CYCLE	OPERATING TEMPERATURE
HZL BR4	0-120	90/70	USE WATER	60/10
HZL BR9	120-400	90/70	USE WATER	80/60
HZL BR51	400-1000	90/70	USE WATER	80/60
HZL BR52	1000-4000	90/70	USE WATER	80/60



## Water Refrigeration With Chiller

Water is the most efficient way to energy transfer processes. Water in the pipes can be thought as a energy storage.



This system can work lower gas pressure an as a result of this system has high efficiency.

Heat exchanger must use for protection the system and devices.

Refrigeration performance will maximize by using package systems. Instead of chiller, cooling tower can be used. You can choose suitable system using the table below.

WATER REFRIGERATION WITH CHILLER				
MODEL	RADIATOR KW	PRIMERY TEMPERATURE	SECONDERY CYCLE	OPERATING TEMPERATURE
HZL CS4	0-10	CHILLER	USAGE WATER	16/20
HZL CS9	10-50	CHILLER	USAGE WATER	16/20
HZL CS51	50-150	CHILLER	USAGE WATER	16/20
HZL CS52	150-750	CHILLER	USAGE WATER	16/20

## Oil Refrigeration With Chiller

Water is the most efficient way to energy transfer processes. Water in the pipes can be thought as a energy storage.



This system can work lower gas pressure and as a result of this system has high efficiency.

For protection of system heat exchanger must be used between chiller and device.

Hot oil cooling is done by automatically opening and closing system to desired temperature, using minimum energy and maximum performance. Package systems can be designed fully or semi automatic by using first class materials and be on service for a long years.

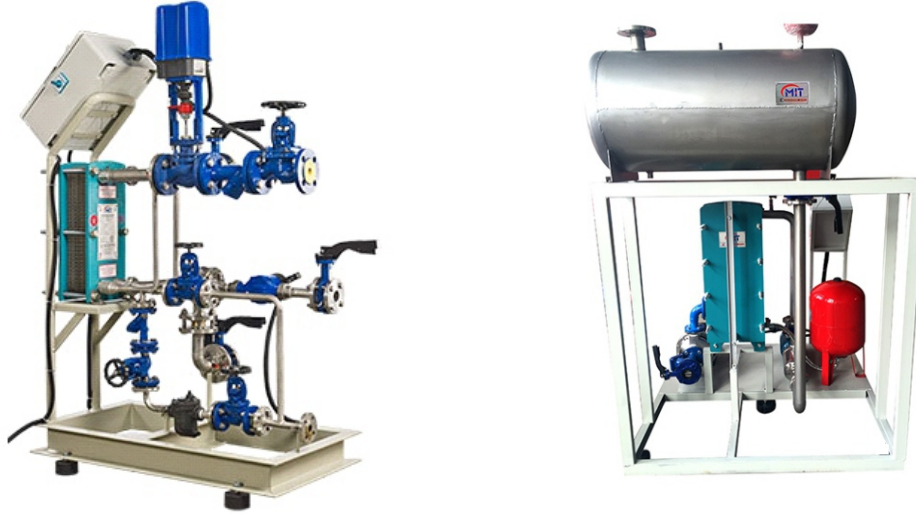
Instead of chiller, cooling tower can be used.

You can choose suitable system using the table below.

OIL REFRIGERATION WITH CHILLER				
MODEL	CAPACITY	PRIMARY TEMPERATURE	SECONDARY CYCLE	OPERATING TEMPERATURE
HZL SY4	0-25 KW	7/12	OIL REFRIGERATION	50/30
HZL SY9	25-100 KW	7/12	OIL REFRIGERATION	50/30
HZL SY51	100-250 KW	7/12	OIL REFRIGERATION	50/30
HZL SY52	250-750 KW	7/12	OIL REFRIGERATION	50/30

## Induction Refrigeration System

Package systems can be used in the facilities which have a hot water energy source, to use it in the same area or transfer this energy to another area.



Factories, Power Plants, Geothermal Sources, Apartments are suitable using areas.

Hot water demand is provided by using the existing hot water source by automatically opening and closing the system to the desired temperature, using minimum energy and maximum performance. Package systems can be designed fully or semi-automatic by using first-class materials and be on service for a long time.

MIT package systems are designed according to customer demands and prepared in 3D. Therefore you can present it to your customers or director and get confirmation. You can have an idea about its dimensions.

You can choose a suitable system using the table.

INDUCTION REFRIGERATION SYSTEM				
MODEL	INDUCTION KW	PRIMARY TEMPERATURE	SECONDARY	OPERATING TEMPERATURE
HZL SY4	0-50 KW	43/38	INDUCTION	33/38
HZL SY9	50-150 KW	43/38	INDUCTION	33/38
HZL SY51	150-250 KW	43/38	INDUCTION	33/38
HZL SY52	250-750 KW	43/38	INDUCTION	33/38

## Other Package Systems

Package systems can use most of the industrial heating and cooling processes.



Waste heat recovery package systems for textile factories, automatic package systems for swimming pools, user defined systems for apartments are available.

Touch-operating screens are available. You can see all system on the screen and interfere the system, can get daily or weekly reports and can get receipt. Our purpose is 100% customer pleasure and convenient price.

You can choose suitable system using table and always can contact with us.

### INDUCTION REFRIGERATION SYSTEM

MODEL		PRIMARY LIQUID	SECONDARY	OPERATING TEMPERATURE
HZL DH	SWIMMING POOL HEATING	WATER	WATER	12/28
HZL DH	WASTE HEAT RECOVERY	WASTE	WATER	40/60



## Advantages Of Package Systems

Package systems design by specialist need engineering information during the start-up period.



Wrong start-up can damage the heat exchanger and other equipments, and need huge maintenance cost.

MIT guarantees start-up processes done by specialist.

It is possible to 20%-25% energy saving with heat recovery package systems. MIT always offers the most efficient solutions to customers.

- MIT Package Systems always give constant temperature during sudden and huge hot and cold water needs.
- Temperature control can be done independent from hot water demand. Adaptable fluctuations of head demand.
- Can use with high head requirements
- No time need for system design
- Small dimensions
- Solution with one system
- Suitable for different operations
- High efficiency, low initial and maintenance cost.

Certificate



**Certificate of Registration**

Bilgi Güvenliği Yönetim Sistemleri sertifikası aşağıda adı geçen kuruluşa MEDICERT Uluslararası Ürün ve Sistem Belgelendirme Bağ. Den. ve Eğitim Hiz. Ltd. Şti. tarafından verilmiştir.

**EKIN ENDÜSTRİYEL  
ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.**  
DES SANAYİ SİTESİ 107. SOKAK B14 BLOK NO:2 ÜMRANİYE İSTANBUL - TÜRKİYE

MEDICERT Uluslararası Ürün ve Sistem Belgelendirme Belgeleri Dairesi ve Eğitim Hizmetleri Ltd. Şti. bu belge ile kuruluşun aşağıdaki standartları şartlarına uygun bir yönetim sistemiyle sahip olduğunu onaylar.

**ISO 27001:2013**

Kuruluşun yukarıdaki standart için belgelendirme kapsamı aşağıdaki gibidir.

**PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHİMLİ EŞANJÖR, BORULU EŞANJÖR, GENLEŞME TANKI, ISI İSTASYONU, DENGE TANKI, TORTU TUTUCU, HAVA AYIRICI ÜRETİMİ.**

Sertifika No / Certificate No : 1602-02  
Denetim Tarihi / Date of Audit : 21.01.2016  
Ticari Tarihi / Date of Registration : 04.02.2016  
Yeniden Basım Tarihi : ...  
Geçerlilik Tarihi / Expiry Date : 03.02.2017

  
EROL ÜSTÜN  
Genel Müdür

Sistem etkin bir biçimde sürdürülebilir ve güncellenen standartları zamanında yapıldığı sürece bu belge için yıl boyunca geçerlidir, yapıldıkça sonra belge yeniden basılacaktır. Belgenin geçerliliği www.medicert.com.tr adresinden kontrol edilebilir. Bu belge MEDICERT Uluslararası Ürün ve Sistem Belgelendirme Ltd. Şti.'ne aittir. İzlenildiği takdirde iade edilmelidir.

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Tel: 0232 227 33 44 Faks: 0232 227 33 45 www.medicert.com.tr info@medicert.com

**TÜRK STANDARLARI ENSTİTÜSÜ**



**HİZMET YETERLİLİK BELGESİ**

Belge No : 34-HYB-4258  
İlk Veriliş Tarihi : 06.05.2010  
Son Geçerlilik Tarihi : 06.05.2014

Firmanın Adı : EKIN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LTD ŞTİ.  
Firmanın Adresi : Şekerpınar Mah. S.S. Marmara geri dönüşümler toplu isyeri koop Ayçiçek Sok. No:15 ÇAYIROVA-İSTANBUL/TÜRKİYE  
Hizmet Yeri Adresi : Şekerpınar Mah.S.S. Marmara geri dönüşümler toplu isyeri koop Ayçiçek Sok.No.15 ÇAYIROVA-KOCAELİ KOCACELİ/TÜRKİYE  
Sicil No : 568931

Verilen Hizmetin Kapsamı

TS 12076 (10.04.2013) YETKİLİ SERVİSLER - KAZANLAR VE ISI DEĞİŞTİRİCİLER (EŞANJÖRLER) İÇİN - KURALLAR STANDARTINA UYGUN HİZMET VEREN  
\* EKIN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET YETKİLİ SERVİSİ (1106404) (20.09.2011)  
(MIT) MARKALI

24.05.2013

AZİZ YAĞCI  
İSTANBUL HİZMET YERİ BELGELENDİRME MÜDÜRÜ

10E Katlı Kompleks Cumhuriyet Mah. 2256 Sk. No:10 Blok. Çayirova Tesis Alanı Yarı Gebe-KOCAELİ Telefon: 262 7231313 Faks: 262 7231918

Sertifika No 26

**TURQUM**

İTİFAK ÜRETİM VE İNŞAAT

Sertifika Tarihi 24.10.2013

**ÜRÜN UYGUNLUK SERTİFİKASI**

ORTA ANADOLU İHRACATÇI BİRLİKLERİ GENEL SEKRETERLİĞİ  
bu sertifika ile  
EKIN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ LİMİTED ŞİRKETİ  
kuruluşunun üretmekte olduğu  
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model ürünlerin **TURQUM**  
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şartlarına uygun olduğunu onaylar.

Yürütme Komitesi Başkanı  
ÖZKAN AYDIN

Bu belge, periyodik denetimler bağları sonucunda sürece sahiptir. (Çizimleri "www.turqum.com" adresinden talep edilebilir.)



**CERTIFICATE**

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ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SOK. ZİA NO:4 ÜMRANİYE/İSTANBUL/TURKEY

İNTERSİSTEM TEKNİK BELGELENDİRME tarafından denetlenmiş ve uygunlukta olduğu  
Kalite Yönetim Sisteminin  
is certified by INTERSISTEM TEKNİK BELGELENDİRME Certification and audit  
Quality Management System meet the requirements of

**ISO 9001:2008**  
standartına uyguladığı kapsamda uymakta olduğu göstermiştir.  
standard for the following activities:

PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHİMLİ EŞANJÖR, BORULU EŞANJÖR, GENLEŞME TANKI, ISI İSTASYONU, DENGE TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA, SOĞUTMA KULESİ, CHILLER, SOĞUTMA GRUBU ÜRETİMİ VE SERVİSİ  
MANUFACTURES AND SERVICE OF PLATE HEAT EXCHANGERS, ACCUMULATION TANK, BOILER, BRACKET HEAT EXCHANGERS, BUFFER HEAT EXCHANGERS, EXPANSION TANK, SEPARATION BALANCE TANK, SHOT SEPARATOR, AIR SEPARATOR, BUFFER TANK, COMPACT SYSTEM PUMP, COOLING TOWER, CHILLER, COOLING GROUP

Sertifika No / Certificate No : QM-0090-13060302-TR  
09.02.2015  
Sertifika Tarihi / Certificate Date  
08.02.2016  
Sertifika Son Basım Tarihi / Certificate Last Issue Date  
07.02.2017  
Belgelendirme Periyodu / Bilk. Tarihi / Certificate Validity Period / Issue Date  
Sertifika Geçerlilik Tarihi / Certificate Expiry Date


10E Katlı Kompleks Cumhuriyet Mah. 2256 Sk. No:10 Blok. Çayirova Tesis Alanı Yarı Gebe-KOCAELİ Telefon: 262 7231313 Faks: 262 7231918

**Certificate of Registration**

**CERTIFICATE OF CONFORMITY**

**UYGUNLUK SERTİFİKASI**  
Certificate No: PC-1015

**CE**

to the Manufacturer / aşağıdaki üretici için:

**EKIN ENDÜSTRİYEL ISITMA SOĞUTMA TİC. SAN. LTD. ŞTİ.**  
DES Sanayi Sitesi 117. Sokak C 24 Blok No:13 Yukarıcağalulu / Ümraniye / İSTANBUL / TURKEY

Product and designation of type / Ürün ve belirlenen tipleri:  
Plate heat exchangers, welded heat exchangers and tube heat exchangers / MIT Branded  
504, 505, 506, 507, 508, 509, 510, 513, 514, 617, 618, 619, 621, 622, 641, 643, 647, 643, 665, 685, 656, 6125, 6130, 625, 653, 6101, 6123, 671, 650, 686, MB01, MB02, MB03, MB04, MB05, MB06, MB07, MB08, MB09, MB10, MB11, MB12, MB13, MB14, MB15, MB16, MB17, MB18, MB19, MB20, /  
Plakalı ısı eşanjörleri, Lehimli ısı eşanjörleri ve Borulu ısı eşanjörleri / MIT Markalı

The samples tested is covered by the following EU-Directive / Test edilen numunelerin uyguladığı yönetmelik kapsamındadır:  
97/23/EC Pressure Equipment Directive (PED) / Basınçlı Ekipmanlar Yönetmeliği

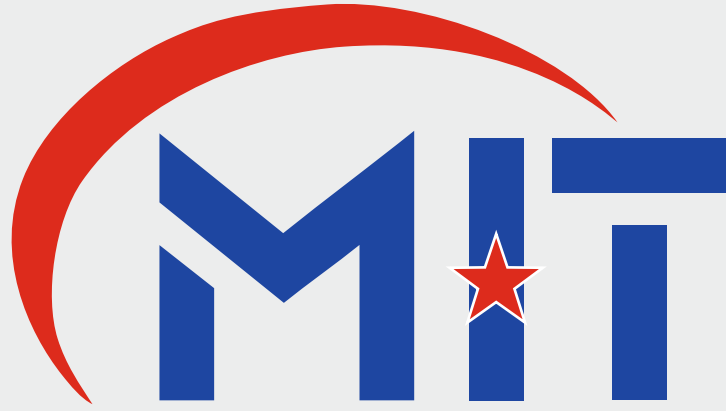
For this following test reports edit / Bu kapsamda aşağıdaki test raporları düzenlenmiştir:  
26 September 2012, ISQ, TRM-1032. / 26 Eylül 2012 tarihi ISQ, Deney Raporu, TRM-1032.

Observing all EU-Directive referans for the product, the CE mark can be available on the products / Ürüne ait yönetmelikler referans alındığında ürünler üzerinde CE işareti kullanılabilir.  
This certificate is the covers of periodically tested products in the production. Does not cover all products produced, covers the above products / Bu sertifika, belirli periyotlarda test edilen ürünlerin üretimini kapsamaktadır. Üretimin tüm ürünleri kapsamaz, yukarıdaki ürünleri kapsar.

Certificate Date / Sertifika Tarihi:  
Date of Initial Registration / İlk Belgelendirme Kayıt Tarihi : February 20<sup>th</sup>, 2013 / 20 Şubat 2013  
Date of Last Issue / Yayın Tarihi : February 20<sup>th</sup>, 2013 / 20 Şubat 2013  
Date of Expiry / Geçerlilik Sonu Bütünü : February 19<sup>th</sup>, 2018 / 19 Şubat 2018


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