

**Innovative and  
Reliable**



Çukurova Isı (Cukurova Heating Ltd.) had been established in the first quarter of 1991 to serve in the field of industrial heating by means of low intensity radiant heaters, which are generally used to heat large buildings such as factories, aircraft hangers, warehouses that are difficult to heat.

In the course of years, Çukurova Isı Sistemleri has expanded the area of work from low intensity radiant heaters to high intensity radiant heaters, from tubes to ceramics, from gas to electrical ones, from space heating to process heating depending upon the need risen in the market. Çukurova Isı has always been the pioneer in the market and held the leader position.

GOLDSUN is the trademark of Çukurova Isı that is used for high intensity heaters which have been manufactured since the year 2000. Under the brand name of GOLDSUN, Çukurova Isı first started to manufacture electrical high intensity infrared heaters and then gas fired ceramic plaque heaters.

Having the ISO 9001 certificate, Çukurova Isı is very sensitive about the quality of the products manufactured as well as the services provided. Çukurova Isı keeps on developing new products with better quality and better performance by the continuous studies of experienced R&D personnel to meet the additional requirements of the market.

All of the products made by Çukurova carry required certificates driven by the legislations of Turkey and EU. In addition, within the manufacturing facilities, Çukurova Isı pays attention to the Worker Health and Work Safety Regulations in all aspects.

## VISION



Manage to become competitive and have high reputation at global arena while keeping the leadership in Industrial heating sector in Turkey by supplying ecological, energy saving products with equipped with latest technology.

## MISSION



Supplying process and ambient heating products with best prices to meet our customers' needs and expectations and keeping the customer satisfaction at the maximums by providing effective aftersales services.

**HISTORY**



**1985**

Founded in at 1985 starting with infrastructure construction.

**1991**

Became the Turkish and Turkic Republics sole distributor of Roberts Gordon from USA and started giving services in ambient heating



**1994**

The introduction of radiant heating in Turkey was undertaken and the first implementations in industrial giants were established. The dealer network has been initiated. The sole distributorship of FLYNN USA for Turkey was acquired.



**1999**

Space-Ray ceramic plaque heaters were added to the product range

**2000**

Moving its experience on process heating to one step further, Eclipse Combustion, USA exclusive distributorship for Turkey was acquired.



**2002**

Two new product range with self brand Goldsun, was initiated for gas fired ceramic heaters and electrical infrared heaters.



## 1995

The distributorship of ALGAS-SDI Air-Lpg mixing units and PLG vaporizers for Turkey was acquired.



**Algas SDI**

## 2003

ISO 9001-2000 certificate has been granted.



ISO 9001:2008 REGISTERED COMPANY



**ROBUR**  
caring for the environment

## 1996

Parallel to the changing needs of the heating market, the sole distributorship of Robur – natural gas warm air heaters for Turkey was acquired.



**master flash**

Astecwasher, USA products has been added to the product range.



## 2006

Layed the foundation of its new premises at Turkey's biggest Organized Industrial Zones and moved in November 2007 with 48 workers and 3000 m<sup>2</sup> working space.

## 1998

Headquarters in Maltepe has been established



## 2007

The first stadium heating systems of Turkey had been accomplished by Çukurova Isı in Fenerbahçe Şükrü Saraçoğlu Stadium with ceramic plaque heaters.

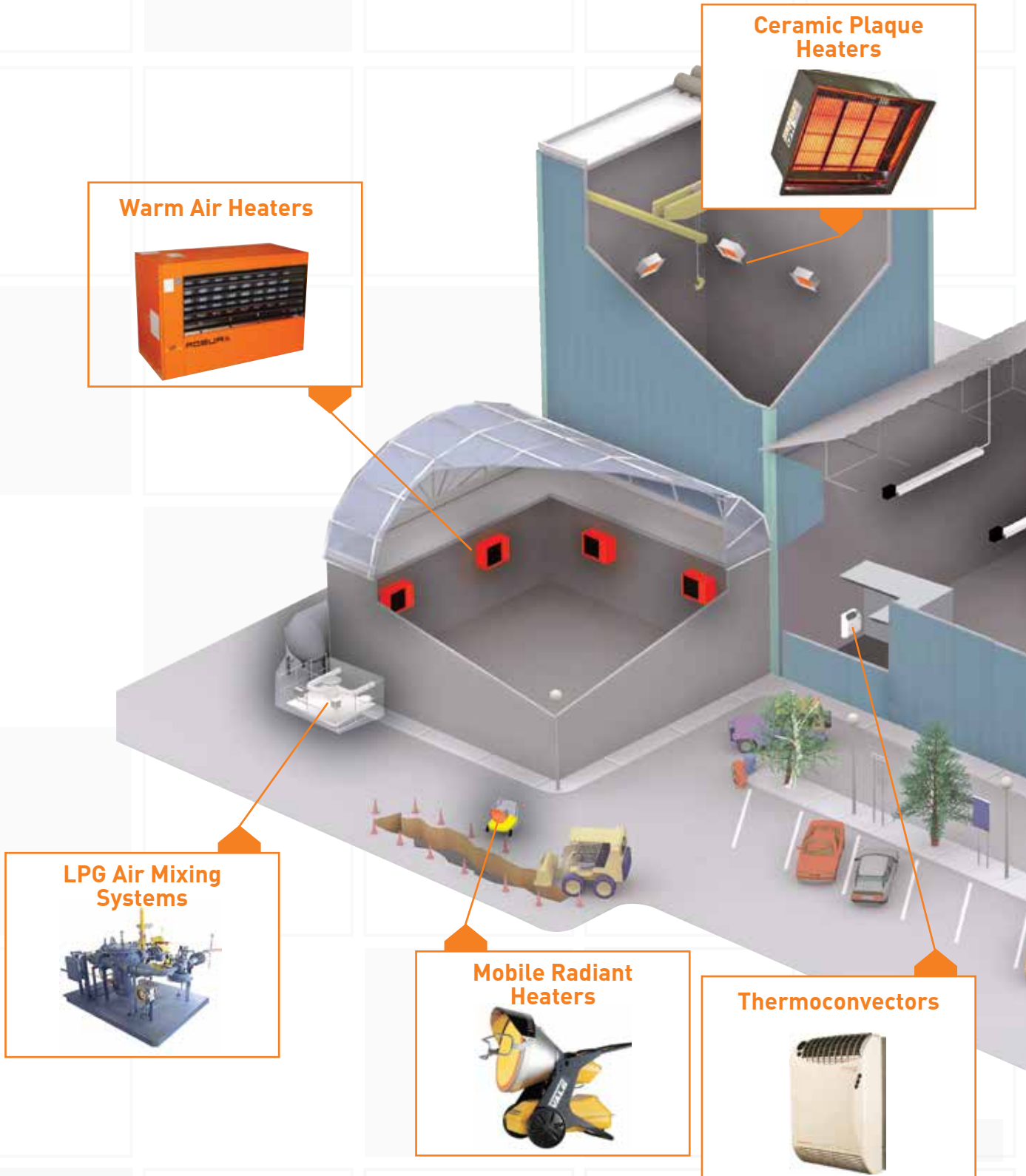


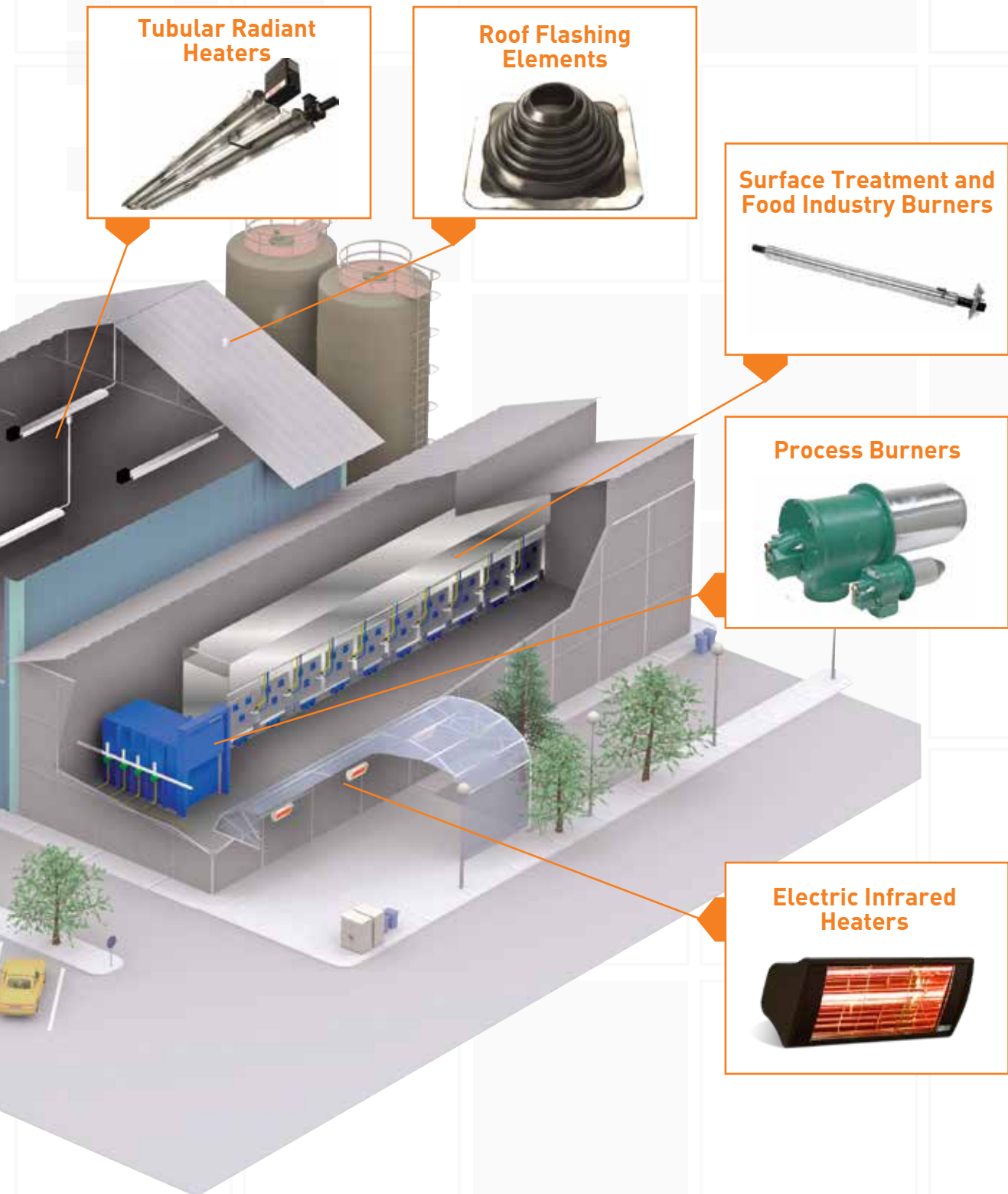
## 2014

New Corporate ID studies have been completed.

**ÇUKUROVA ISI**

# PRODUCTS AND SOLUTIONS





## PRODUCTS

### Tubular Heaters

Provides instant and comfortable heat in applications with high ceilings and large volumes. Brings economy by saving up to 50% of the gas bills. The heaters are easy to apply, easy to operate and has low maintenance costs. Many companies prefer radiant tubular systems due to their competitive prices, energy saving and nature friendly structure. Manufactured with up to date production technology, tubular radiant heaters are sold with 9 different capacities varying from 15kW (12.900 kcal/h) to 55kW (47300 kcal/h) and with 18 different models.



### Warm Air Heaters

When warm air needed, warm air heaters are the most efficient and economical solution. Each heater with its own combustion chamber, burns the supplied gas providing energy heat up for the air blowing passing through the heat exchanger. There is no need for boiler or hot water lines for this kind of units. They burn either NG or LPG with roomsealed combustion technology and with efficiency up to 96%. Different kind of models make it possible to implement the units at outdoors, on air ducts or free blow in the ambient. Capacities vary from 7kW to 121 kW for each heater.

### Ceramic Plaque Heaters

Working with both NG and LPG, high intensity radiant ceramic plaque heaters are ideal for applications especially in need of spot heating. Provides instant heat in 3 – 5 minutes and depending on the application it saves fuel up to 70%. The heaters are cost effective, needs low maintenance and easy to install and have capacities changing between 8,8kW (7568 kcal/h) to 46,9kW (40334 kcal/h).





## HEATING SYSTEMS

### Arena Heaters

These high intensity heaters work with natural gas and best for places with audience stands like Stadiums, Hippodromes, Sport centers etc. The heaters were used in the first Stadium heating projects of Fenerbahce Sükrü Saracoglu Stadium (Istanbul), Kayseri Kadir Has Stadium (Kayseri), Basaksehir Stadium (Istanbul) and Konya Stadium (Konya). Arena heaters are ideal for places with open areas and strong air currents.



### Electrical Halojen Heaters



Electrical Halogene Heaters are designed especially for open and semi open places. It saves electricity up to 25% by its special designed parabolic reflector and halogene lamps. After started, the lamp heats up to 1200°C so that needed for outdoor use can be obtained.

### Thermoconvectors

Thermoconvectors are ideal for offices, stores, cafes, meeting rooms, small workshops, in factory offices, summer houses etc. The forced draught gas convector is equipped with a centrifugal exhaust fan which is not affected by draughts or any other external affects so that heaters work with 100% safety and high efficiency. The heaters are equipped with only 50 mm concentric exhaust tube. When needed, the heaters can even be mounted on inner walls. It is possible to start the heater in 15min. after the gas connection is made since the heaters work individually.



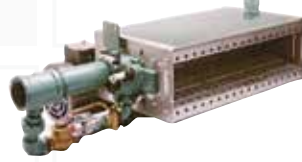
### Mobile Radiant Heaters

The heaters can be used outdoors, for spot heating, drying, defrosting, etc. Work both with diesel and gasoline . When compared with warm air blowing heaters, the most important advantage that these mobile radiant heaters have is the radiant power. The heaters are the ideal to use outdoors at any weather condition. It can also be used for spot heating at factories, warehouses etc.

### Roof Flashing Elements

The roof flashing flexible design meets virtually all roofing needs. Made of EPDM or Silicone, the flashings are compounded specifically for maximum resistance to weathering due to ozone and ultraviolet light. The equipments are resistant enough to use at extreme conditions as - 74°C to +260°C. The easy on-site customization allows for easy installation in usually five minutes, and the flexible soft aluminum base is designed to form a seal on most panel configurations and roof pitches regardless of pipe location.





## Industrial Process Burners

Produced in various capacities best for use in automobile, food, metal, textile, sanitary and china, cogeneration, paper industries and etc. The combustion systems provide the heating energy by the most efficient way thanks to their up to 1/50 turndown ratio.



## Surface Treatment and Food Industry Burners

Commonly used in food, metal and plastic industries, these burner systems depend on the principle of creating the right flame profile. Due to low emission combustion values, direct fired systems are applicable to various applications. Both the flame and the exhaust exist on the same point of application due to the low emission values. This creates high efficiency and economy when compared with indirect furnace heating principle. These burners are widely preferred in food industry because of that the existence of the flame and the product in the same space gives better taste.

## LPG Air Mixing Systems

These systems are designed for LPG-air mixing to replace or augment the supply of natural gas for industrial back-up or for city gas (synthetic natural gas) production as a lead in to natural gas or for augmenting the supply of natural gas such as peak shaving. Commonly preferred at industries with no the possibility of pausing the production.



## SERVICES

### Customer Satisfaction and ISO 9001

Cukurova Isı is the only company with ISO 9001 certificate in Turkish radiant heating sector. Our company has won this certificate at 2003 and being managed by the ISO standards since then. With the quality management system, our customer satisfaction surveys has shown that the customer satisfaction has reached 4,3 over 5 and improving very year.



### Seminars and Training

The company organizes training seminars periodically under two titles, product and services. Besides we also provide training in our base premises to the companies that demand information about our products and services. The articles and the tehcnical info needed can easily be found at our website .



### Aftersales Support

Both at our base facilities and through out Turkey, Cukurova Isı has been the best at providing aftersales services and support at industrial heating sector.



# APPLICATIONS



**Product** : Arena Heaters  
**Application:** Stadium Grandstand Heating



**Product** : Tubular Radiant Heaters  
**Application:** Factory Ambient Heating



**Product** : Tubular Radiant Heaters  
**Application:** Sports Hall Heating



**Product** : Tubular Radiant Heaters  
**Application:** Car Service Station Ambient Heating



**Product** : Warm Air Heaters  
**Application:** Factory Ambient Heating



**Product** : Warm Air Heaters  
**Application:** Café Ambient Heating



**Product** : Warm Air Heaters  
**Application:** Workshop Ambient Heating



**Product** : Ceramic Plaque Heaters  
**Application:** Factory Spot Heating



**Product** : Ceramic Plaque Heaters  
**Application:** Sanctuary Heating



**Product** : Industrial Process Burners  
**Application:** Conditioning Furnace Burning System



**Product** : Industrial Process Burners  
**Application:** Stenter Machine



**Product** : Industrial Process Burners  
**Application:** Cogeneration Step-Up Unit

## UYGULAMA ÖRNEKLERİ



**Customer:** Fenerbahçe Sports Club Sükrü Saracoglu Stadium  
**Project:** Grandstand Heating System  
**Extent:** Whole Stadium  
**Heating Capacity:** 11.730 kW (10.087.800 kcal/h)  
**Product:** Arena Heaters



**Customer:** Dogus – Akfen -TÜV - Consortium  
**Project:** Vehicle Inspection Station  
**Extent:** All Stations Throughout Turkey (196 stations)  
**Heating Capacity:** 16.340 kW (14.052.400 kcal/h)  
**Product:** Tubular Radiant Heaters



**Customer:** Vestel A.Ş.- Manisa Vestel City  
**Project1:** Factory Ambient Heating  
**Extent:** 354.000 m<sup>2</sup>  
**Heating Capacity:** 28.320 kW (24.355.200 kcal/h)  
**Product:** Tubular Radiant Heaters  
**Project2:** Natural Gas Back-up System  
**Total Consumption:** 7.500 m<sup>3</sup>  
**Product:** LPG - Air Mixing Systems



**Customer:** TOFAŞ - Bursa  
**Project1:** Factory Ambient Heating  
**Extent:** 60.000 m<sup>2</sup>  
**Heating Capacity:** 7.800 kW (6.708.000 kcal/h)  
**Product:** Tubular Radiant Heaters  
**Project2:** Natural Gas Back-up System  
**Total Consumption:** 5.000 m<sup>3</sup>  
**Product:** LPG - Air Mixing Systems



**Customer:** Kale Group  
**Project1:** Factory Ambient Heating  
**Extent:** 110.000 m<sup>2</sup>  
**Heating Capacity:** 13.200 kW (11.352.000 kcal/h)  
**Product:** Tubular Radiant Heaters  
**Project2:** Natural Gas Back-up System  
**Total Consumption:** 10.000 m<sup>3</sup>  
**Product:** LPG - Air Mixing Systems



**Customer:** Karsan - Bursa  
**Project:** Factory Ambient Heating  
**Extent:** 100.000 m<sup>2</sup>  
**Heating Capacity:** 12.000 kW (10.320.000 kcal/h)  
**Product:** Tubular Radiant Heaters



**Customer:** Kastamonu Entegre - Gebze  
**Project:** Cogeneration Step-Up Unit  
**Heating Capacity:** 8.000 kW (6.880.000 kcal/h)



**Customer:** Toyota – Adapazarı Otomobil Fabrikası  
**Project1:** Boya Kabini Isıtma Sistemi  
**Heating Capacity:** 16.000 kW (13.760.000 kcal/h)  
**Product:** Hava ısıtma Brülörü  
**Project2:** Doğalgaz yedekleme sistemi  
**Total Consumption:** 12.000 m<sup>2</sup>  
**Product:** LPG – Hava Mikseri

**MORE THAN 10.000 COMPANIES  
FROM ALL AROUND TURKEY,  
PREFERRED CUKUROVA ISI**

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Kalite Sistemi Denetim  
Sertifikası



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Her hakkı mahfuzdur. Cukurova İsi A.Ş.'nin yazılı  
müsaadesi alınmaksızın bu sisteminin bir kısmı  
veya tamamı grafik, elektronik veya mekanik olarak  
hiçbir şekilde kopya edilemez, fotokopisi alınmaz.  
Bu broşürdeki bilgiler basım tarihinden itibaren  
geçerlidir, fakat herhangi bir şekilde değiştirilebilir.  
Güncel bilgiler için Cukurova İsi A.Ş.'ye başvurunuz.

[www.cukurovaisi.com](http://www.cukurovaisi.com)

**CUKUROVAİSİ**