



New generation heating system  
for industrial areas  
**“Water Radiant Panel”**

# References

With each passing day, we produce solutions  
for heating of more factories and facilities.



Heating Solution in  
**302.662 m<sup>2</sup> Area**



of  
**30 Brands**



in  
**4 Countries**



Since  
**2016**

**[yatas]**  
GRUP

**EGO**  
EGO Genel Müdürlüğü

**DAL**  
**HEAVY**  
**INDUSTRIES**

**FNSS**

**DALGA KIRAN**

**INTECRO**

**tyco**  
Fire Protection  
Products

**ODTÜ**

**YÜKSEL**  
**PROJE**

**deberenn**

**seçkinbüro**

**CANGA**  
KONUTLARI

**biytaş**

**ASO SEM**  
POLİSİM

**AYMAKSAN**

**ONUR FİBER**  
KARŞIYANMAĞAÇ SAĞIT SAN. VE TİC. A.Ş.

**NGR** Hidrolik

**SALOGLU**

**sinerji**  
EMLAK VE MENKULAT A.Ş.

**arçelik**

**zebrano**  
LUXURY PHILOSOPHY

**kmk**  
paper  
KARŞIYANMAĞAÇ SAĞIT SAN. VE TİC. A.Ş.

**ADY**  
Azerbaycan Dəniz Yolları QSC

**DE**  
**TASARIM**

**Gökrail**

**KEY HOLDING**

**NORM**  
CIVATA

**NORM**  
SALİHLİ

**RAYON**

**sarprofil**  
Değerli Akişın Profil

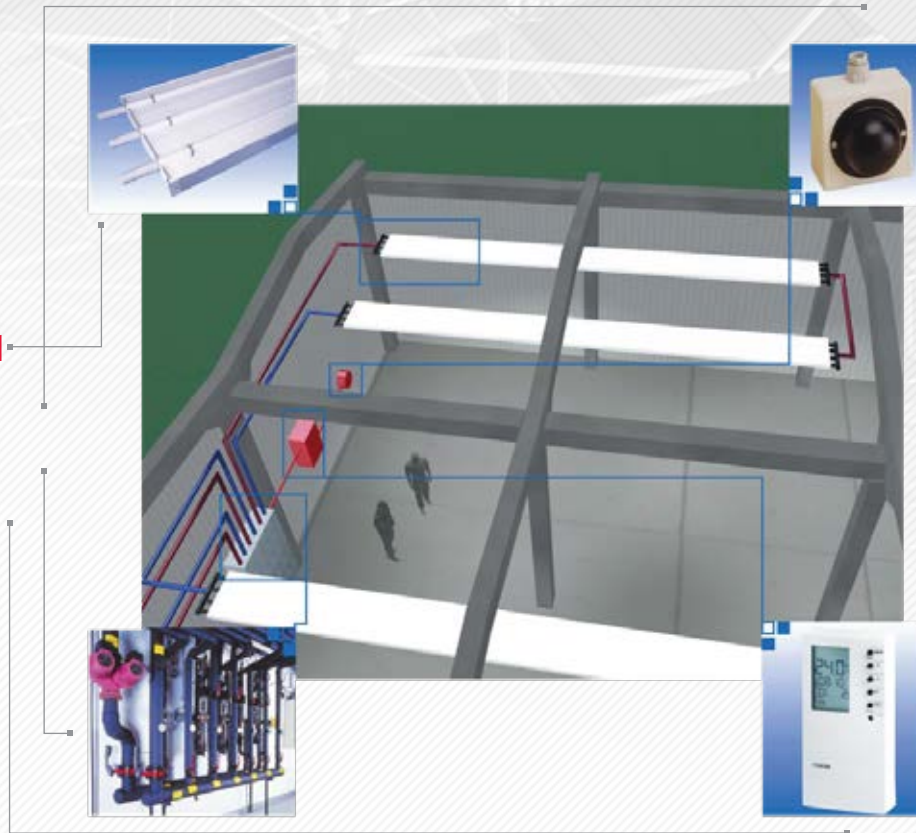


# SRP Working Principle

SRP system, which provides radiant heating by obtaining the hot water required for the system with alternative energy sources, consists of radiant panel, thermometer, pump group and control unit.



- Water Radiant Panel
- Thermometer
- Pump Group
- Control Unit



Natural Gas



Coal



Pellet



Condensing  
Cascade Boiler



Hot / Super-  
heated  
WaterBoiler



Heat Pump



Geothermal



Steam Boiler



Waste Heat

# SRP

## What is it?

The water radiant heating system can save up to 40% energy compared to other heating systems. Panels suspended evenly on the ceiling of the facilities provide a natural and comfortable heating in the environment. In the water radiant system, the hot/superheated water circulating on the panel surfaces transfers its heat to the panels, the heated specially coated panels transfer the heat to the people and objects by radiation, just as the sun warms our Earth. Water Radiant System has started to take its place as a significant alternative to other heating systems in recent years due to its many advantages such as reducing heating costs significantly, eliminating the risk of fire, dust circulation and noise, and being maintenance-free for many years.



**40 %**  
**energy saving**







### SRP IS COMFORTABLE!

- Provides homogeneous temperature distribution
- Does not create any airflow
- Works silently
- Creates extra comfort thanks to its high radiation effect
- Provides optimum comfort thanks to the high floor temperatures



### SRP IS ECONOMIC!

- No maintenance and service costs
- Possibility to work also with renewable and waste energy sources
- High Energy Efficiency (radiant efficiency up to 79%)
- No obligation to use natural gas
- Unused panels can be deactivated via motorized valves

### SRP IS PRACTICAL!



- Easy and fast to install
- Admission time is very low
- Adaptable to use at any ceiling height (2.5 meters – 40 meters)
- No need for chimney or additional ventilation in the space
- The need for piping is minimal

### SRP IS HEALTHY!



- Ambient air is clean as no combustion gas is released into the ambient air
- No air flow, no dust and particle circulation



### SRP IS SAFE!

- No risk of fire
- No risk of flashing or explosion
- No risk of flue gas or natural gas leakage in the area



### SRP IS ENVIRONMENTALLY FRIENDLY!

- Thanks to its high efficiency, it minimizes the Nox and CO2 emission
- Can be used with renewable energy sources and waste heat



### SRP IS COMPACT, ADAPTABLE AND STYLISH!

- Provides the possibility of mounting in height, width and length as needed
- Space-saving as it is mounted on the ceiling
- Both heating and cooling can be done with the same panels
- Creates an aesthetic appearance in the area with its elegant design
- Creates integrity in the space with its RAL color options



2019



Ankara



110/90 °C - 18°C



7,5 m



37.560 m<sup>2</sup>



Sawdust





SRP  
Completed  
Projects



2019



Ankara



80/60 °C - 18°C



9 m



15.950 m<sup>2</sup>



Natural Gas





2021



Manisa



80/60 °C - 18C °C



8 m



16.095 m<sup>2</sup>



Waste Heat





2018



Uzbekistan



80/60 °C - 18°C



14,8 m



10.192 m<sup>2</sup>



Natural Gas



**FNSS**



SRP  
Completed  
Projects



2018



Ankara



90/70 °C - 21°C



10 m



4.886 m<sup>2</sup>



Natural Gas





2021



Sivas



110/90 °C - 15 °C



8 m



36.200 m<sup>2</sup>



Sawdust



**DALGA KIRAN**



SRP  
Completed  
Projects



2019



Gebze



80/60 °C - 18°C



10 m



23.861 m<sup>2</sup>



Natural Gas





2020



Ankara



110/90 °C -18 °C



9,9 m



11.664 m<sup>2</sup>



Pellet

**tyco**  
Fire Protection  
Products

SRP  
Completed  
Projects



2019



Ankara



80/60 °C – 12°C



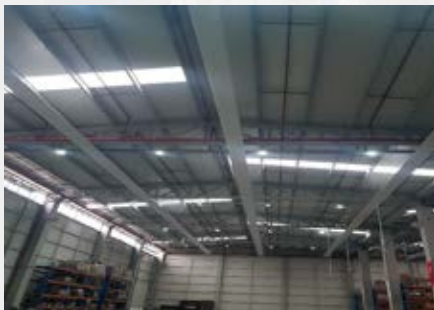
11 m



2.729 m<sup>2</sup>



Natural Gas



**NEOPLANT**

**SRP**  
Sulu Radyant Panel





2020



Eskişehir



90/70 °C – 19 °C



3,2 m



3.400 m<sup>2</sup>



Natural Gas

DE  
TASARIM



SRP  
Completed  
Projects



2021



Izmir



80/60 °C – 20 °C



4,7 m



4.220 m<sup>2</sup>



Natural Gas

 **SRP**  
Sulu Radyant Panel





2020



Kütahya



110/90 °C – 18 °C



8 m



17.100 m<sup>2</sup>



Steam-Natural Gas



SRP  
Completed  
Projects



2021



Kahramanmaraş



110/90 °C – 18 °C



12 m



2.857 m<sup>2</sup>



Steam-Coal





SRP  
Completed  
Projects



2021



Kütahya



90/70 °C – 18 °C



8 m



6.300 m<sup>2</sup>



Natural Gas

RAYON



SRP  
Completed  
Projects



2021



Çorlu



90/70 °C – 18 °C



12 m



8.278 m<sup>2</sup>



Natural Gas

 **SRP**  
Sulu Radyant Panel





SRP  
Completed  
Projects



2021



Kayseri



110/90 °C – 22°C



9 m



17.500 m<sup>2</sup>



Sawdust

seçkinbüro°

SRP  
Completed  
Projects



2019



Gebze



110/90 °C - 18 °C



3,8 m



3.712 m²



Sawdust





SALOGLU



SRP  
Completed  
Projects



2020



Azerbaijan



110/90 °C - 18 °C



6 m



23.580 m<sup>2</sup>



Sawdust

 **SRP**  
Sulu Radyant Panel



2019



Kırıkkale



80/60 °C - 18°C



9,5 m



3.060m<sup>2</sup>



Natural Gas





2020



Kırıkkale



80/60 °C - 18 °C



9 m



3.445 m<sup>2</sup>

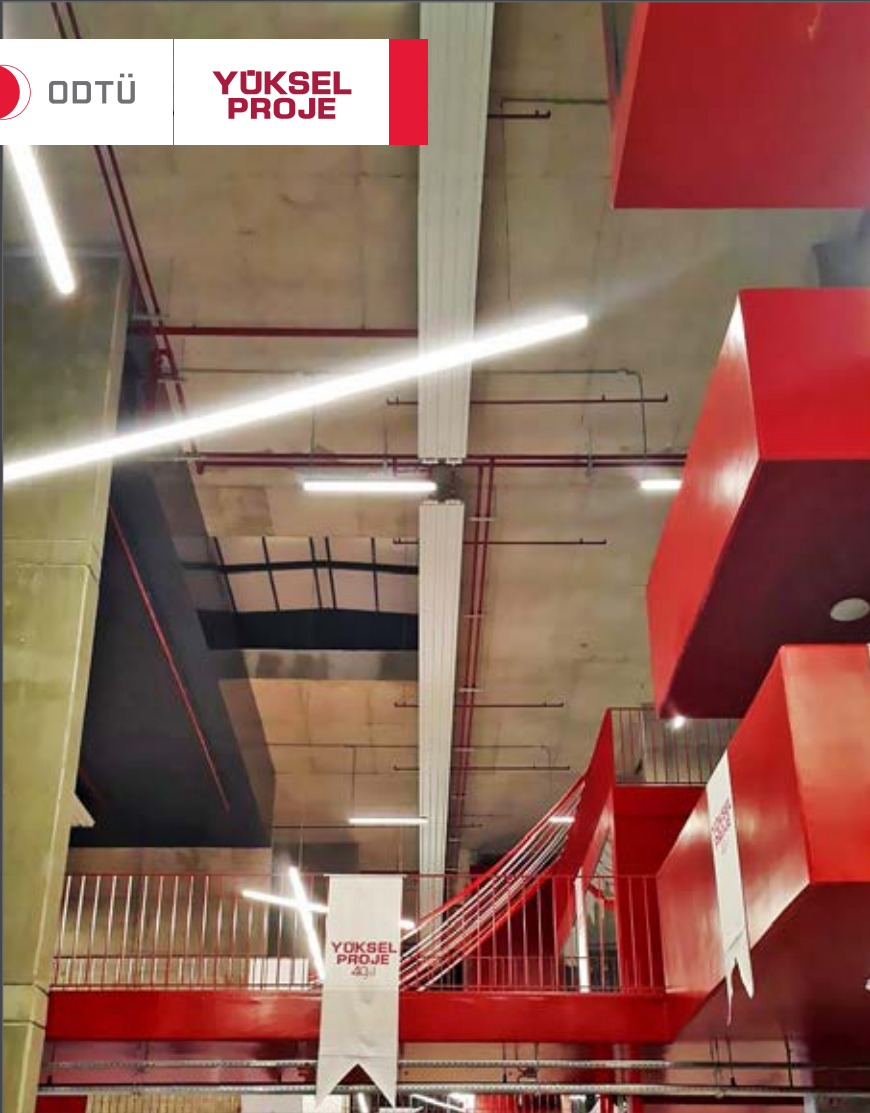


Natural Gas



ODTÜ

YÜKSEL  
PROJE



SRP  
Completed  
Projects



2018



Ankara



90/70 °C - 20°C



10 m



1.700 m<sup>2</sup>



Natural Gas





ASO  
SÜREKLİ EĞİTİM  
MERKEZİ



SRP  
Completed  
Projects



2018



Ankara



80/60 °C - 18 °C



6,8 m



2.415 m<sup>2</sup>



Natural Gas





2019



Ankara



80/60 °C - 18 °C



10,6 m



2.207 m<sup>2</sup>



Natural Gas







SRP  
Completed  
Projects



2020



Ankara



80/60 °C - 18 °C



4,5 m



8.072 m<sup>2</sup>



Sawdust

dēberenn



SRP  
Completed  
Projects



2019



Ankara



110/90 °C - 18 °C



6 m



7.566 m<sup>2</sup>



Sawdust







2021



Izmir



80/60 °C - 18 °C



8 m



1.980 m<sup>2</sup>



Waste Heat



2017



Ankara



90/70 °C - 18°C



12 m



1.800 m<sup>2</sup>



Coal





SRP  
Completed  
Projects



2020



Ankara



80/60 °C - 18 °C



9,8 m

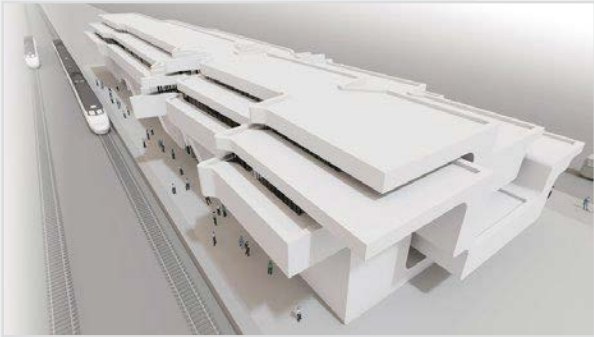


2.426 m<sup>2</sup>



Natural Gas

Ahılkelek  
Tren İstasyonu



SRP  
Completed  
Projects



2021



Georgia



90/70 °C -15 °C



8,7 m



8.582 m<sup>2</sup>



Natural Gas



biytaş

SRP  
Completed  
Projects



2017



Bursa



80/60 °C - 18°C



5 m



759 m<sup>2</sup>



Natural Gas

NEOPLANT

SRP  
Sulu Radyant Panel



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