imbat®

Abidin Dino

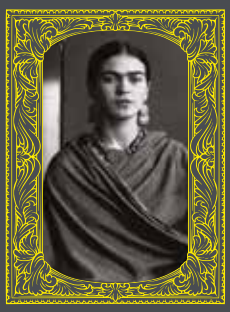
He is a painter, cartoonist, writer, and film director. Dino, a versatile cultural figure, is one of the pioneers of contemporary Turkish painting.

Aliye Berger

Berger gained fame throughout her career with her distinctive works in the shades of black and white in drawing, oil painting, and woodcut techniques.

Salvador Dali

He is the most well-known representative of the Surrealist movement. In addition to painting, he also worked with sculpture, photography, and cinema, producing remarkable artworks.



Frida Kahlo

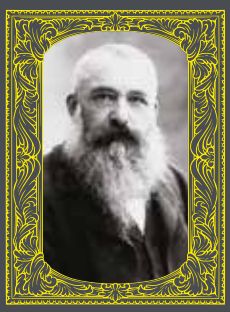
An icon of 20th-century popular culture, Kahlo had a unique artistic style addressing issues of identity, post-colonialism, gender, class, and racial discrimination in Mexican society, alongside her self-portraits.

Henri Matisse

Matisse, one of the most important painters of the 20th century, is considered one of the greatest artists of modern art alongside Picasso and Kandinsky, mainly due to his masterful use of color.

Michelangelo

An Italian sculptor who famously said, "If people knew how hard I worked to get my mastery, it wouldn't seem so wonderful at all".



Claude Monet

Known as the magician of light and shadow, Claude Monet is one of the individuals who changed the perception of art by depicting variable light and use of paint.

Edvard Munch

Also considered the first "expressionist painter," Munch is especially famous for his painting "The Scream," which is a milestone in modern art.

Fahrünnisa Zeyd

Her large-scale paintings demand dominance over the viewer's attention. Tate Modern Art Museum commemorated Zeyd with a retrospective exhibition, describing her as "one of the most important female artists of the 20th century".

IMBAT PROUDLY PRESENTS ART IS ENGINEERING

art*

can change the world

Art can change the world. Creativity began with the first human...
from the first cave painting to the invention of the wheel.

Scientists from Harvard University have said, ***"mind is in science, mind is in art"***
In both, there is creativity, and without creativity, there is nothing.

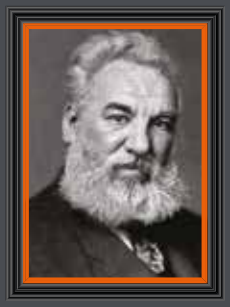
Today, İmbat enjoys expressing its creativity through engineering,
guided by the artists and scientists it is inspired by.

İmbat's creative curiosity and passion always reached forward.
And İmbat continues to work for a better future.

1 *Creativity in expressing emotions and thoughts through words, writing, painting, sculpture, etc.*

2 *Expression created according to the understanding and taste standards of a particular civilization or community.*

3 *Mastery shown in creating something.*

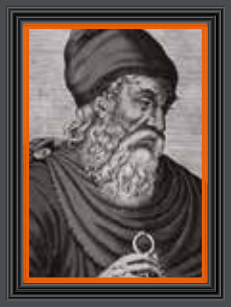


A. Graham Bell

Bell, the inventor of the telephone, was trying to make life easier for his mother, who was hearing impaired. While he couldn't accomplish that, he enabled people far apart to hear each other by inventing the telephone.

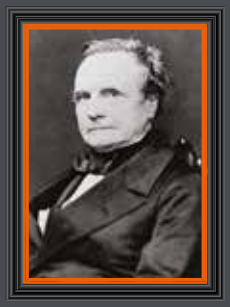
Altan Edige

Edige graduated as the "first female mechanical engineer" from the university (İTÜ), which opened in Türkiye in 1773 under the name "Mühendishane." After October 1953, she became known as "Engineer Lady".



Archimedes

He is considered the first and greatest scientist of the ancient world. He laid the foundation of hydrostatics and mechanics. His most well-known contribution to science is the principle of buoyancy. According to many historians of mathematics, Archimedes is also the source of integral calculus.

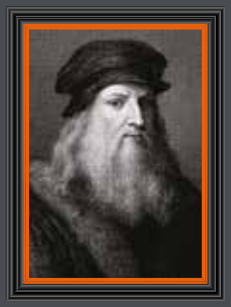


Charles Babbage

An English mathematician, analytical philosopher, mechanical engineer, and inventor who conceived the idea of a programmable computer. He developed a working calculator, which contributed to the development of modern computers.

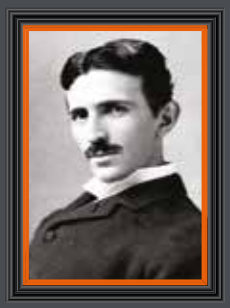
Alice H. Parker

Parker, an African-American inventor, was the first female engineer to patent a central heating system using natural gas in the early 20th century. Her design provided significant energy savings and became the basis for heating systems found in many homes today.



Leonardo da Vinci

He is acknowledged as a genius, being an important philosopher, astronomer, architect, mathematician, anatomist, musician, sculptor, botanist, geologist, cartographer, writer and painter of his time. "Mona Lisa" is one of his most famous works.



Nikola Tesla

A Serbian-American inventor, electrical engineer, mechanical engineer, and futurist. He is best known for his contributions to alternating current electricity supply systems and engineering.

Tabitha Babbitt

Babbitt, an American, ranks among the top female engineers in the world of mechanical engineering. She has made several impressive inventions including the circular saw, the rotary wheel head, and false teeth.

Vecihi Hürkuş

A Turkish pilot, engineer, and entrepreneur. He is one of the most important figures in Turkish aviation history. As Türkiye's first aircraft designer and manufacturer, he also produced the country's first domestic airplane.

IMBAT PROUDLY PRESENTS ENGINEERING IS ART

engineering*

can change the world

Engineering; a perspective that constantly questions reality with its roots in innovation, has met the needs of our world from past to present, never settling for what already exists.

At the core of İmbat's engineering lies the combination of creativity, nature, art and science.
For İmbat, engineering is imagination and problem-solving, reflecting art.

1 *Someone who develops technology or systems with good aesthetic design to meet the needs of humanity, within the framework of basic sciences, achieving the highest efficiency and safety at the lowest cost.*

2 *The word "engineer" is derived from the Latin word "ingenium" which means "natural talent".*

inno-vative

As a leading brand in the HVAC industry with a passion for R&D-focused unique designs and creating new solutions...

R&D power

The ability to reach the best and newest solutions with an experienced engineering team...

environ-mentally friendly

Utilizing the world's limited resources correctly with efficiency-oriented, low-energy consumption and high-performance products...

expert

Expertise and multidisciplinary approach brought by focusing on compressor-based HVAC and refrigeration solutions since 1991...

inter-national

A preferred top segment brand shipping its products to more than 50 countries...

acces-sible

The comfort of working with a continuously accessible professional team and trust in competent implementation...

res-pected

A respected company dedicated to preserving its deep-rooted traditions and values while being committed to development beyond its industrial experience...

effi-cient

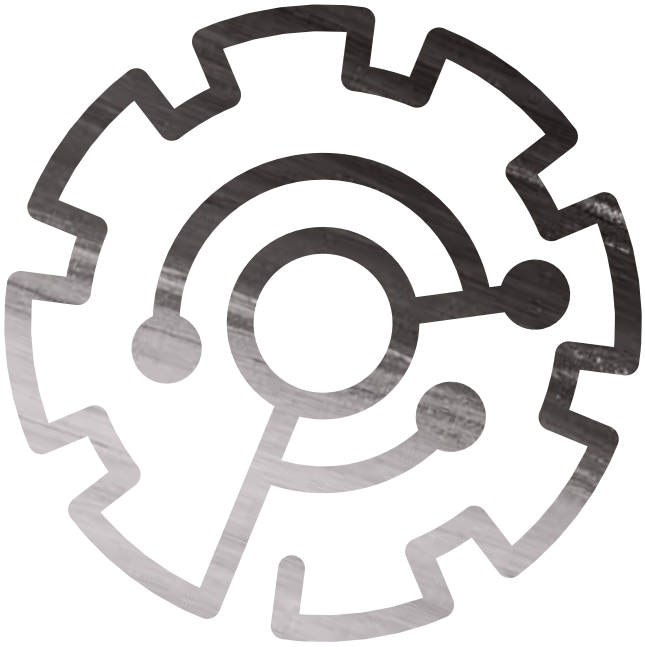
An approach that adds value to partners and the future with its innovative solutions and technology that supports sustainability...

friend-ly

Friendships has been gained since 1991 with solutions reaching many cities worldwide, followed by a globally recognized brand...

Imbat has completed more than a quarter of its goal of being a 100 year old company...

EFFICIENCY IS DESIGNED HERE



imbat*

can change the world

İmbat combines the boundlessness of art with sustainable and human-centered engineering solutions to design and produce its products like works of art.

In order to leave a livable world for future generations, İmbat aims to change the world. Just like all artists, engineers, and inventors who have benefited this planet and left their mark in history...

1 *A cool breeze blowing from the Eastern Mediterranean. Meltem.*

2 *Sea breeze (a wind blowing during the daytime in summer months along the Aegean coast).*

3 *It is a kind of transfer of the passion for engineering into life as an outcome of technology and science.*

50+ HVAC

"Everything you can imagine is real"

Pablo Picasso

Since 1991, Imbat bird
flew to more than 50 countries
around the World, changing the
climate to whatever people need.

Imbat has always created pioneering solutions to re-define climate control systems.

Offering innovative, efficient,
and environmentally friendly
HVAC systems to public and private sectors worldwide, İmbat cares about sustainability.

From yesterday to tomorrow,
İmbat represents knowledge,
experience, passion and
true engiunity.

EFFICIENCY IS DESIGNED HERE

BUILDING A SUSTAINABLE FUTURE FOR A BETTER WORLD

Experience green products
with low carbon footprint.

"An artist is an Explorer..."

Henri Matisse

Imbat relies on courage and engineering.

Expert at combining technology, quality, and energy efficiency; Imbat innovated into new territories, like an explorer.

Imbat provides solutions by weaving technology into products like art.

İmbat saves customers operating costs without compromising on comfort and quality; passionately presenting engineering as an art-form.


EFFICIENCY IS DESIGNED HERE
Experience
perfect indoor
air quality
with İmbat.
BUILDING
A HEALTHY
LIFE FOR
A BETTER WORLD

HVAC

"Art is not what you see,
but what you can make others see"

Edgar Degas

İmbat, recognized as the 7th Eurovent Certified Rooftop Air Conditioner manufacturer in the world in 2015, has always been both environmentally friendly and cost-effective with its emphasis on R&D, product development, future-oriented designs and highly efficient products.

With a strong R&D team, and principle of **"right solutions for efficient use" İmbat, has been preferred in more than 50 countries worldwide.**

EFFICIENCY IS DESIGNED HERE

BUILDING PARTNERSHIPS FOR A BETTER WORLD

Experience competence, accessibility and honesty with İmbat; a global HVAC manufacturer.

ECO DESIGN

HVAC

"I close my eyes to see"

Paul Gauguin

"With the goal of creating a livable world for future generations", İmbat works on efficiency-oriented systems, utilizes the world's limited resources correctly and reduces the CO_2 footprint, emphasizing sustainability.

Designs high-efficiency products according to ErP directives and Eco-Design criteria.

Proudly being the "First Turkish Rooftop Air Conditioner Manufacturer with Eurovent Certification" in Türkiye, İmbat continues to design and manufacture.

With a focus on humanity and the world, İmbat grows in its global journey, aiming to provide reliable and universally high-quality products and services.

EFFICIENCY IS DESIGNED HERE

BUILDING FOR THE NEXT GENERATION FOR A BETTER WORLD

We believe that the future is in environmentally friendly designs. Experience Imbat products that operate with the latest technology and maximum energy efficiency.

PACKAGE
AIR CONDITIONING SYSTEMS

Rooftop Units
Water Cooled Rooftop Units
Tropical Rooftop Units
Portable Air Conditioners
Pool Dehumidification Units




PRECISION
AIR CONDITIONING SYSTEMS

In-Room Air Conditioners

DATA CENTER
COOLING SYSTEMS

In-Room Air Conditioners
In-Row Air Conditioners
Rear Door Air Conditioners
Free Cooling Chillers
In-Rack Air Conditioners





CHILLER
SYSTEMS

Air Cooled Chillers
Water Cooled Chillers
Free Cooling Chillers



What is done in love is done well

Vincent Van Gogh

AVIATION
AIR CONDITIONING SYSTEMS

Passenger Boarding Bridge Air Conditioners
Pre-Conditioned Air (PCA) Units


OTHER
SYSTEMS

Condensing Units
Remote Condensers


PACKAGE AIR CONDITIONING SYSTEMS

	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Invernter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m^3/h)	COOLING/HEATING CAPACITY RANGE 0-39 kW	40-94 kW	95-109 kW	110-199 kW	200-600 kW	601-1000 kW	1001-1400 kW	1401-2150 kW
ROOFTOP UNITS																		
	RT.HNG	R410A	✓		✓	✓	Scroll	20 - 350	25 - 360	3000 - 6000								
	RT.HNM	R454B	✓		✓	✓	Scroll	19 - 340	24 - 349	3000 - 60000								
WATER COOLED ROOFTOP UNITS																		
	RT.PNG	R410A	✓		✓		Scroll	20 - 270	20 - 300	3000 - 44000								
TROPICAL ROOFTOP UNITS																		
	RT.HTG	R410A	✓	✓			Scroll	20 - 260	25 - 200	2800 - 41000								
PORTABLE AIR CONDITIONERS																		
	RT.HGG	R410A	✓		✓		Scroll	48	55	3000 - 8000								
	RT.HGM	R454B	✓		✓		Scroll	46	53	3000 - 8000								
POOL DEHUMIDIFICATION UNITS																		
	IHNAS	R410A	✓	✓			Scroll	15 - 200	15 - 450	2500 - 32500								

Standard Features

- EC indoor fan
- Double skinned galvanised panel with rockwool insulation
- Asymmetric cooling system
- Water cooled models (RT.PNG)
- Effective humidity control systems (IHNAS)

Optional Features

- Outdoor fan speed control
- Thermal or enthalpic free cooling system
- Direct fired gas burner, electrical or hot water coil heater
- Low noise and vibration for rooftop units
- Indoor coil and outdoor coil coating
- Rotary type heat recovery system
- Plated type heat recovery system

PRECISION AIR CONDITIONING SYSTEMS

	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Invernter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m^3/h)	COOLING/HEATING CAPACITY RANGE 0-39 kW	40-94 kW	95-109 kW	110-199 kW	200-600 kW	601-1000 kW	1001-1400 kW	1401-2150 kW
IN-ROOM AIR CONDITIONERS																		
	HK.HNG	R410A	✓			✓	Scroll	11 - 157		2000 - 32200								
	HK.HNM	R454B	✓			✓	Scroll	20 - 153		5800 - 32200								
	HK.PNG	R410A	✓			✓	Scroll	6 - 140		2000 - 32200								
	HK.0N0	Water	✓					13 - 230		2000 - 32200								

Standard Features

- Double skinned galvanised panel with rockwool insulation
- EC axial fan
- Humidity control
- Filter alarm
- Condenser fan speed control

Optional Features

- Inverter compressor
- Hydrophilic or epoxy coated evaporator and condenser
- Chilled water coil automation with three-way valve
- Water leak sensor
- Electrical heater
- Winter kit
- Dual refrigeration system

İmbat reserves the right to make changes in model, capacity, dimensions, and specifications without prior notice.

Scroll Compressor Screw Compressor

CE EAC TSEK

DATA CENTER COOLING SYSTEMS

IN-ROOM AIR CONDITIONERS

	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Invernter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m^3/h)	COOLING/HEATING CAPACITY RANGE
											0-39 kW / 40-94 kW / 95-109 kW / 110-199 kW / 200-600 kW / 601-1000 kW / 1001-1400 kW / 1401-2150 kW
	HK.HNG	R410A	✓			✓	◎	11 - 157		2000 - 32200	
	HK.HNM	R454B	✓			✓	◎	20 - 153		5800 - 32200	
	HK.PNG	R410A	✓			✓	◎	6 - 140		2000 - 32200	
	HK.ONO	Water	✓					13 - 230		2000 - 32200	

IN-ROW AIR CONDITIONERS

	IR.HNG	R410A	✓			✓	◎	12 - 45		3100 - 8000	
	IR.PNG	R410A	✓			✓	◎	20 - 40		3100 - 8000	
	IR.HNM	R454B	✓			✓	◎	11 - 42		3100 - 8000	
	IR.ONO	Water	✓					20 - 60		4800 - 11200	

IN-RACK AIR CONDITIONERS

	NEW HRG	R410A	✓			✓	◎	10		1600	

REAR DOOR AIR CONDITIONERS

	NEW NRO	Water	✓					30 - 55		4000 - 7800	

Standard Features

- Double skinned galvanised panel with rockwool insulation
- EC axial fan
- Filter alarm
- Condenser fan speed control

Optional Features

- Inverter compressor
- Hydrophilic or epoxy coated evaporator and condenser
- Water leak sensor
- Chilled water coil automation with three-way valve
- Electrical heater
- Winter kit
- Humidity control

FREE COOLING CHILLERS

	CH.HNG	R410A	✓				◎	100 - 600			
	CH.HNM	R454B	✓				◎	95 - 775			
	CH.HNI	R134A	✓				▤	200 - 1400			

Standard Features

- Asymmetric cooling system in scroll series
- Smart defrost system
- Electronic expansion valve
- Patent pending heat exchanger design

Optional Features

- Models with inverter scroll compressor
- Low water flow protection on evaporator and condenser
- Low noise and vibration
- Winter kit
- Hydronic kit
- Microchannel condenser
- Outdoor coil coating (excluding microchannel condenser)

CE EAC TSEK

CHILLER SYSTEMS

AIR COOLED CHILLERS

	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Invernter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m^3/h)	COOLING/HEATING CAPACITY RANGE
	CH.HNG	R410A	✓		✓		Scroll	100 - 600	110 - 615		0-39 kW, 40-94 kW, 95-109 kW, 110-199 kW, 200-600 kW, 601-1000 kW, 1001-1400 kW, 1401-2150 kW
	CH.MNG	R410A	✓				Scroll	95 - 775			
	CH.HNI	R134A	✓				Screw	200 - 1760			
	CH.HNM	R454B	✓		✓		Scroll	97 - 580	107 - 590		

WATER COOLED CHILLERS

	CH.PNG	R410A	✓				Scroll	100 - 500			
	CH.SNG	R410A	✓				Scroll	100 - 500			
	CH.SNI	R134A	✓				Screw	200 - 2100			

FREE COOLING CHILLERS

	CH.HNG	R410A	✓				Scroll	100 - 600			
	CH.HNM	R454B	✓				Scroll	95 - 775			
	CH.HNI	R134A	✓				Screw	200 - 1400			

Standard Features

- Asymmetric cooling system for in scroll series
- Smart defrost system
- Electronic expansion valve
- Patent pending heat exchanger design

Optional Features

- Models with inverter scroll compressor
- Low water flow protection on evaporator and condenser
- Low noise and vibration
- Winter kit
- Hydronic kit
- Microchannel condenser
- Outdoor coil coating (excluding microchannel condenser)

AVIATION AIR ACONDITIONING SYSTEMS

PASSENGER BOARDING BRIDGE AIR CONDITIONERS

	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Invernter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m^3/h)	COOLING/HEATING CAPACITY RANGE
	RT.HUG	R410A	✓		✓		✓	15 - 40	18 - 50	2800 - 7600	
	RT.MUG	R410A	✓	✓		✓	✓	15 - 40	15 - 40	2800 - 7600	

PRE-CONDITIONED AIR (PCA) UNITS

	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Invernter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m^3/h)	COOLING/HEATING CAPACITY RANGE
	UK.MPG	R410A	✓	✓		✓	✓	120 - 252	72 - 120	2500 - 11000	

0-39 kW | 40-94 kW | 95-109 kW | 110-199 kW | 200-600 kW | 601-1000 kW | 1001-1400 kW | 1401-2150 kW

Standard Features

- Up to 10000 Pa static pressure (PCA)
- Inverter compressor (PCA)
- Electronic expansion valve
- EC axial fan
- Electrial heater with steps (PCA)
- Inverter controlled supply plug fan (PCA)
- Cabin Sensor (Temperature and Humidity)
- Remote control panel
- Drain Pump

Optional Features

- 2, 3 or 4 module units (PCA)
- Electrical heater
- Hydrophilic or epoxy coated evaporator and condenser
- Smoke detection sensor
- Supply humidity sensor
- 14" Double air outlet (PCA)
- 18" Single air outlet (PCA)

OTHERS SYSTEMS

CONDENSING UNITS

	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Invernter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m^3/h)	COOLING/HEATING CAPACITY RANGE
	KU.HNG	R410A		✓	✓		✓		10 - 430	12 - 450	

REMOTE CONDENSERS

	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Invernter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m^3/h)	COOLING/HEATING CAPACITY RANGE
	KN.HNG	R410A		✓					7 - 150		

0-39 kW | 40-94 kW | 95-109 kW | 110-199 kW | 200-600 kW | 601-1000 kW | 1001-1400 kW | 1401-2150 kW

Standard Features

- Asymmetric cooling system

Optional Features

- Stable condenser pressure and high efficieny with variable speed conndenser fans
- Hydrophilic or epoxy coated coil

REFERENCES
AND PRODUCT APPLICATION AREAS

YDA CENTER ANKARA
Water Cooled Rooftop Package Unit

OFFICE AND COMMERCIAL BUILDINGS
Package Air Conditioning
Precision Air Conditioning
Chiller

HAMPTON BY HILTON İSTANBUL
Precision Air Conditioning

HOTELS
Package Air Conditioning
Precision Air Conditioning
Chiller

DOWNTOWN SHOPPING MALL BURSA
Water Cooled Rooftop Package Unit

SHOPPING MALLS
Package Air Conditioning
Precision Air Conditioning
Chiller

ETO TÜYAP EXHIBITION CENTER ESKİŞEHİR
Rooftop Package Unit

COMMUNITY AREAS
Package Air Conditioning
Precision Air Conditioning
Chiller

DATA SPACE RUSYA
Precision Air Conditioning

DATA CENTERS
Precision Air Conditioning
Data Center Cooling
Chiller

TED COLLLEGE TEMA İSTANBUL
Pool Dehumidification Unit / Rooftop Package Unit

INDOOR POOLS
Package Air Conditioning
Pool Dehumidification Unit

YUMMY JUICE PLANT MERSİN
Water Chiller

FOOD INDUSTRY
Package Air Conditioning
Chiller

TOYOTA BOSHOKU TÜRKİYE SAKARYA
Rooftop Package Unit

FACTORIES
Package Air Conditioning
Precision Air Conditioning
Chiller

TBILISI HEALTH UNIVERSITY GEORGIA
Rooftop Package Unit

HOSPITALS
Package Air Conditioning
Chiller

UZTEKS TEXTILE PLANT UZBEKISTAN
Precision Air Conditioning

LABORATORIES
Precision Air Conditioning

SUPREME COURT ANKARA
Water Cooled Rooftop Package Unit

GOVERNMENT BUILDINGS
Package Air Conditioning
Precision Air Conditioning

INCHEON AIRPORT SOUTH KOREA
HORUS Pre-Conditioned Air Unit

AIRPORTS
Passenger Boarding Bridge Rooftop
HORUS-PCA Plane Air Conditioning
Precision Air Conditioning
Package Air Conditioning

To leave a sustainable world
for future generations

IMBAT WANTS TO CHANGE
THE WORLD.

To all artists, engineers and inventors that dared changing the world...

With respect

İmbat Türkiye | HQ

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