

ART IS
ENGINEERING
IS ART



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.



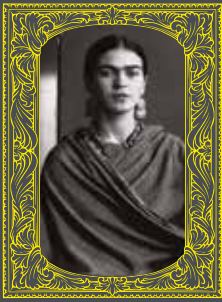
Aliye Berger

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.



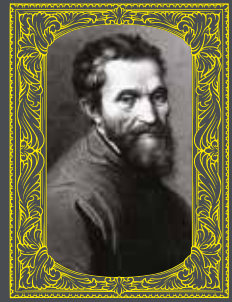
Frida Kahlo

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.



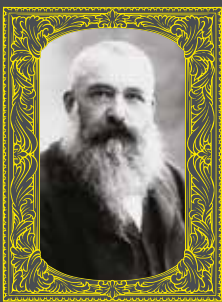
Henri Matisse

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.



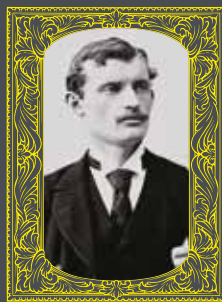
Michelangelo

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".



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.*

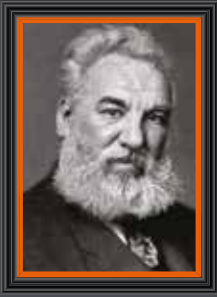
*Today, **İmbat** enjoys expressing its creativity through engineering,
guided by the artists and scientists it is inspired by.*

*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.



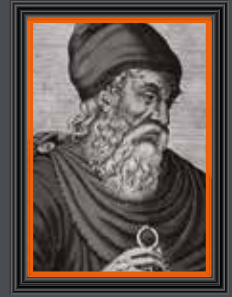
A. Graham Bell

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.



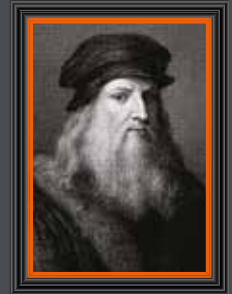
Charles Babbage

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.



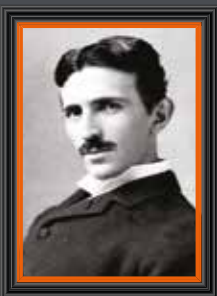
Alice H. Parker

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.



*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 Imbat's engineering lies the combination of creativity, nature, art and science.

For Imbat, 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...



effi- cient

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



res- pected

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

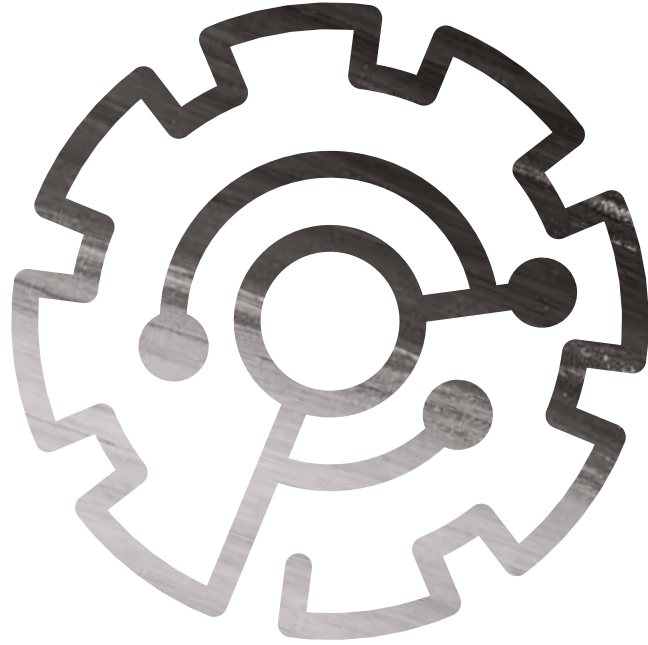


friend- ly

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...
- ●



imbat^{*}

can change the world

Imbat 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, Imbat 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, Imbat cares about sustainability.**

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

imbat.com

PACKAGE
AIR CONDITIONING
SYSTEMS

PRECISION
AIR CONDITIONING
SYSTEMS

DATA CENTER
COOLING
SYSTEMS

AVIATION
AIR CONDITIONING
SYSTEMS

CHILLER
SYSTEMS

OTHER
SYSTEMS

A seagull is shown in flight, its wings spread wide, against a clear blue sky. The bird is positioned in the upper right quadrant of the frame. Below the bird, the ocean is visible as a dark blue line at the bottom of the image.

**BUILDING
A SUSTAINABLE
FUTURE FOR
A BETTER WORLD**

Experience green products
with low carbon footprint.



HVAC

"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.

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

Experience
perfect indoor
air quality
with Imbat.

BUILDING
A HEALTHY
LIFE FOR
A BETTER WORLD





HVAC

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

Edgar Degas

Imbat, 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"** Imbat, 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.



HVAC

"I close my eyes to see"

Paul Gangnin

"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 CO₂ 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.

**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



AVIATION

AIR CONDITIONING SYSTEMS

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



OTHER SYSTEMS

Condensing Units
Remote Condensers



*What is
done in love
is done well*

Vincent Van Gogh



CE ENEC TSEK PACKAGE AIR CONDITIONING SYSTEMS	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Inverter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m³/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	✓		✓	✓		20 - 350	25 - 360	3000 - 6000								
	RT.HNM	R454B	✓		✓	✓		19 - 340	24 - 349	3000 - 60000								

WATER COOLED ROOFTOP UNITS

	RT.PNG	R410A	✓		✓			20 - 270	20 - 300	3000 - 44000								
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TROPICAL ROOFTOP UNITS

	RT.HTG	R410A	✓	✓				20 - 260	25 - 200	2800 - 41000								
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PORTABLE AIR CONDITIONERS

	RT.HGG	R410A	✓		✓			48	55	3000 - 8000								
	RT.HGM	R454B	✓		✓			46	53	3000 - 8000								

POOL DEHUMIDIFICATION UNITS

	IHNAS	R410A	✓	✓				15 - 200	15 - 450	2500 - 32500								
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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

CE ENEC TSEK PRECISION AIR CONDITIONING SYSTEMS	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Inverter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m³/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	✓			✓		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								

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

 DATA CENTER COOLING SYSTEMS	Smart Code	Type of Refrigerant/Fluid	Cooling 	Heating 	Heat Pump 	Inverter 	Compressor 	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m³/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						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								
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REAR DOOR AIR CONDITIONERS

	NEW NRO	Water						30 - 55		4000 - 7800								
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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										COOLING/HEATING CAPACITY RANGE							
Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Inverter	Compressor	Cooling Capacity (kW)	Heating Capacity (kW)	Airflow (m ³ /h)	0-39 kW	40-94 kW	95-109 kW	110-199 kW	200-600 kW	601-1000 kW	1001-1400 kW	1401-2150 kW

AIR COOLED CHILLERS

	CH.HNG	R410A	✓		✓		 100 - 600	110 - 615					
	CH.MNG	R410A	✓				 95 - 775						
	CH.HNI	R134A	✓				 200 - 1760						
	CH.HNM	R454B	✓		✓		 97 - 580	107 - 590					

WATER COOLED CHILLERS

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

FREE COOLING CHILLERS

	CH.HNG	R410A	✓				 100 - 600						
	CH.HNM	R454B	✓				 95 - 775						
	CH.HNI	R134A	✓				 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)

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



Scroll Compressor



Screw Compressor

CE ENEC TSEK AVIATION AIR ACONDITIONING SYSTEMS	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Inverter	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

PASSENGER BOARDING BRIDGE AIR CONDITIONERS

	RT.HUG	R410A	✓		✓		✓	15 - 40	18 - 50	2800 - 7600	
	RT.MUG	R410A	✓	✓		✓	✓	15 - 40	15 - 40	2800 - 7600	

PRE-CONDITIONED AIR (PCA) UNITS

	UK.MPG	R410A	✓	✓		✓	✓	120 - 252	72 - 120	2500 - 11000	
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Standard Features

- Up to 10000 Pa static pressure (PCA)
- Inverter compressor (PCA)
- Electronic expansion valve
- EC axial fan
- Electrical 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)

CE ENEC TSEK OTHERS SYSTEMS	Smart Code	Type of Refrigerant/Fluid	Cooling	Heating	Heat Pump	Inverter	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

CONDENSING UNITS

	KU.HNG	R410A		✓	✓		✓		10 - 430	12 - 450	
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REMOTE CONDENSERS

	KN.HNG	R410A		✓					7 - 150		
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Standard Features

- Asymmetric cooling system

Optional Features

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



REFERENCES AND PRODUCT APPLICATION AREAS

YDA CENTER ANKARA

Water Cooled Rooftop Package Unit



HAMPTON BY HILTON İSTANBUL

Precision Air Conditioning



DOWNTOWN SHOPPING MALL BURSA

Water Cooled Rooftop Package Unit



ETO TÜYAP EXHIBITION CENTER ESKİŞEHİR

Rooftop Package Unit



OFFICE AND COMMERCIAL BUILDINGS

Package Air Conditioning
Precision Air Conditioning
Chiller

HOTELS

Package Air Conditioning
Precision Air Conditioning
Chiller

SHOPPING MALLS

Package Air Conditioning
Precision Air Conditioning
Chiller

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 COLLEGE 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



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