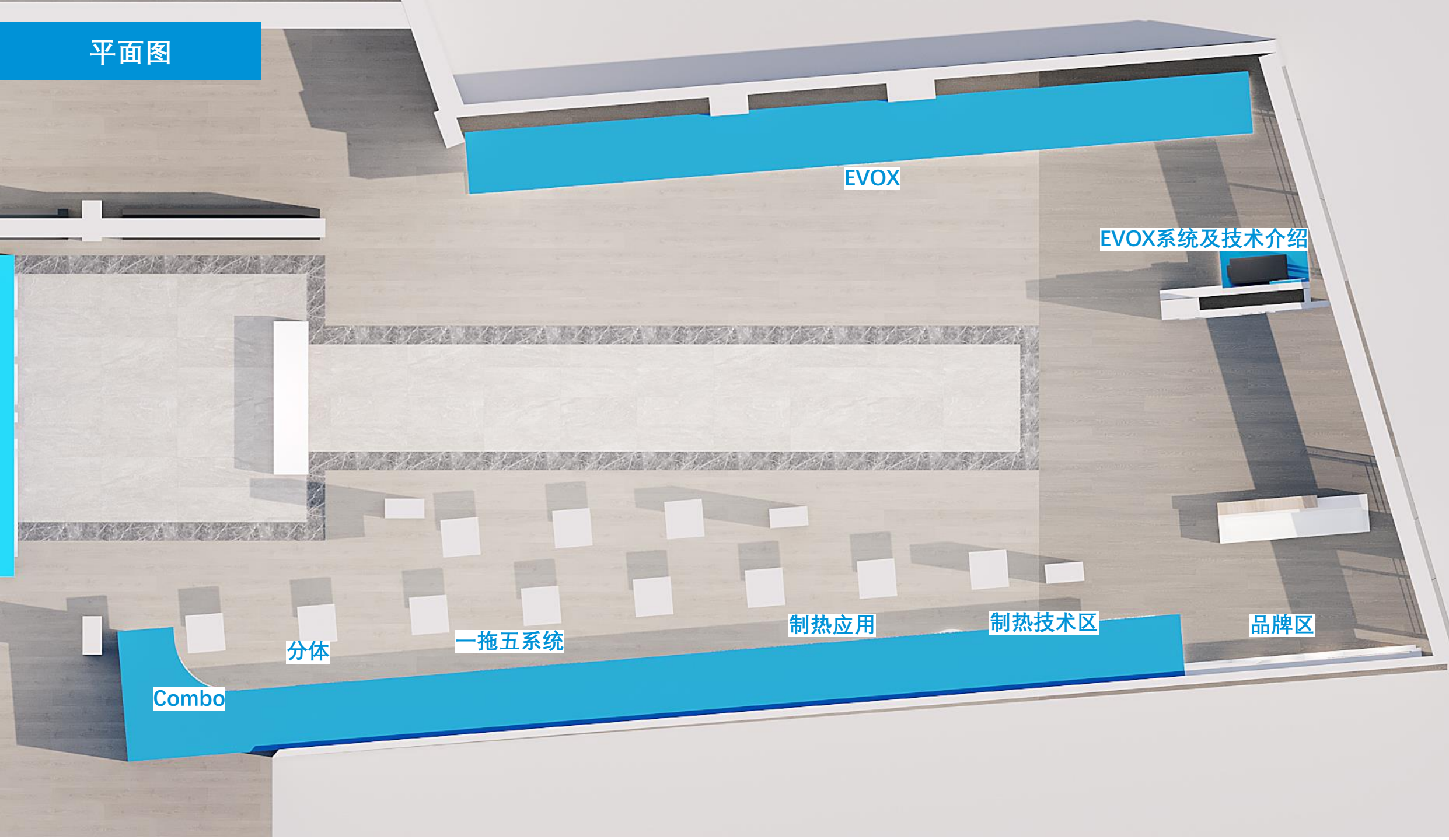


纽约

层高: 3.34m

面积: 188m²

平面图



EVOX

EVOX系统及技术介绍

品牌区

制热技术区

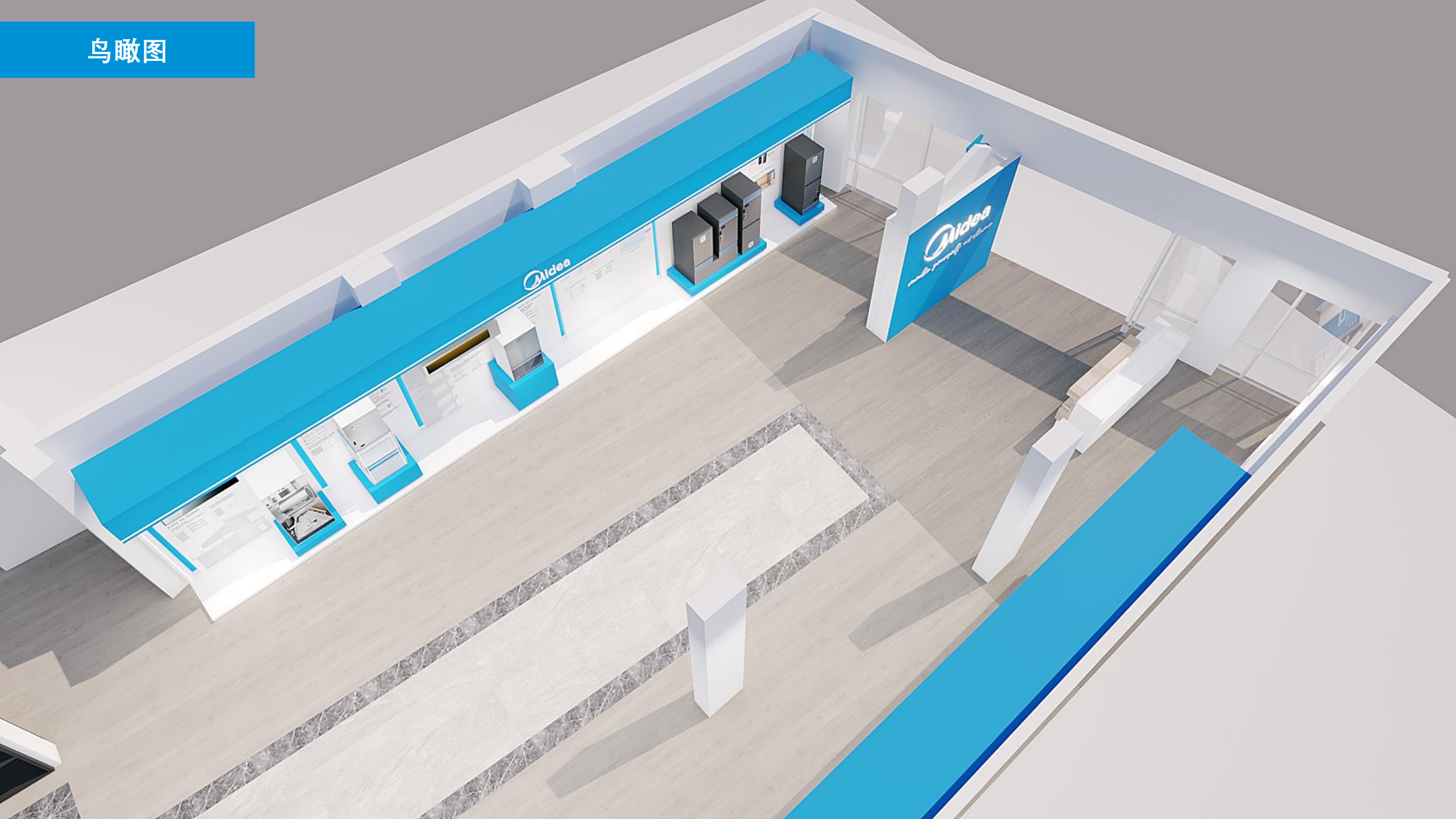
制热应用

一拖五系统

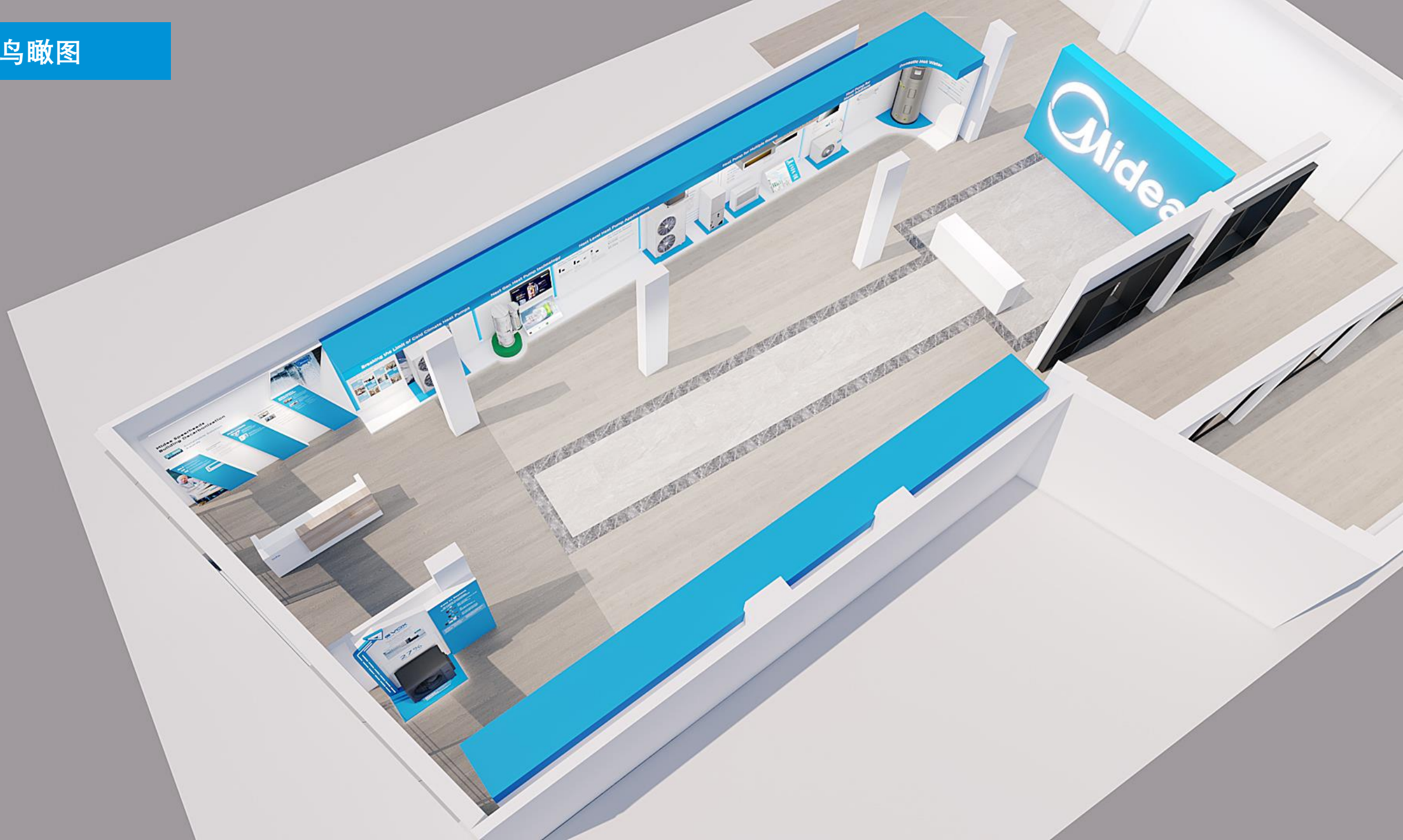
分体

Combo

鸟瞰图



鸟瞰图



入口



AIR CONDITIONING NORTH AMERICA



Next Gen Heat Pump Technology

Next Level Heat Pump Applications

Midea Heat Pump for Varied Climates



Midea Heat Pump for Flexible Heating Combinations



We Conquer the Cold,
You Cash the Rebate!



Heat Pump for Multiple Rooms



EVOX Wall-Mounted Air Handler

EVOX Ceiling-Mounted Air Handler

Easy to Enjoy

Easy to Install

1.5-3 Tons
19.3" H x 12.1" W x 10.8" D
Boosts One of the
Smallest units in the industry
Two-Way Installation

1200CFM
Total
900CFM

Push to Adjust the



Heat Pump for
Home Additions

Domestic Hot Water

Top Tier Energy Efficiency

Products 100+ efficiency for
Top Tier 100+ efficiency for
100+ efficiency for 100+ efficiency for

Eligible For Many Rebate
Programs



Up to
Saving

Midea



Midea Spearheads Building Decarbonization

Sustainable Solution Awards

4 Sustainable Solution Awards
2023
Sustainable Solution Awards
2023
Sustainable Solution Awards
2023

Governmental Alliance

Midea Associates

An Industry Partner

Midea America Research Center

Breaking the

Midea | Disco



A REAL APPLICATION

COLD CLIMATE HEAT PUMP IN ALASKA



Climate Heat Pumps

Next Gen Heat Pump Technology

Next Level Heat P

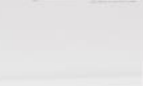


Extending
Performance
and Testing

NOT
YOUR
ORDINARY
HEAT PUMP



Midea Heat Pump for Var



Heat Pump for Multiple Rooms

Heat Pump for Home Additions

Domestic Hot



info

Midea Spearheads Building Decarbonization



Sustainable Solution Awards



Governmental Alliances



An Industry Partner

Midea America Research Center

Local Experts. Local Insights.

Research & Development Network

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Support of Research & Development

Support of Energy

Breaking the Limit of Co

Midea | Discovery



A REAL APPLICATION OF COLD CLIMATE HEAT PUMP IN ALASKA



Pumps

Next Gen Heat Pump Technology

NOT YOUR ORDINARY HEAT PUMP



Enhanced Vapor Injection, Enhanced Heat Capacity



Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Enhanced Vapor Injection, Enhanced Heat Capacity

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea H Flexible

Midea Spearheads Building Decarbonization



Sustainable Solution Awards

No.1 Residential Inverter Air Conditioner Company"

1st AHRI R454B High-Efficiency Product Certification

1st Energy Star Most Efficient 2020 Certified Window AC (Midea U)

"Data source: Environmental Protection (Shanghai) Ltd. measured in terms of annual greenhouse gas emissions of residential inverter air conditioners (including CEI-Kenwood 2023), based on research conducted in Jul 2023. Greater opportunities exist to air conditioners installed with intelligent speed drive."



Governmental Alliances

Winner of "Clean Heat for All" Challenge

Midea is designated as a primary manufacturing partner of the Alaska Challenge, spearheaded by the Alaska City Climate Institute (ACCII), the first, free-flowing authority on the island, the state has been leading research & development activities, contributing to support the goals of heat pump (heat) reduction in greenhouse gas emissions from buildings by the year 2050.

Innovator of Cold Climate Heat Pump Technology

Midea is participating in the United States Department of Energy, Office of Energy Efficiency & Renewable Energy (EERE) & National Research & Innovation (NRI) & a partner in developing the next generation of products that enable heat pumps as one of government's sustainable building technology solutions.

Media Accolades



Twice Vip Awards 2022 & 2023 Winner

In this award year, Midea received heat pump solutions with the "Smart Home & Sustainable Climate Control" category.



Fast Company Top 10 in Manufacturing

Midea ranked as 2023 residential heat pump solutions and smart products award recipient from a leading business media outlet.

An Industry Partner



Air Conditioning Contractors of America (ACCA)



American Institute of Architects (AIA)

These are the industry's leading organizations in the HVAC industry, and Midea is proud to be a part of their efforts to advance the industry and improve the lives of building occupants.

Air-Conditioning, Heating, and Refrigeration Institute (AHRI)

American Society of Heating and Air-Conditioning Engineers (ASHRAE)

Pumping/Heating/Cooling Contractors-National Association (PHCC)

Heating, Air-Conditioning & Refrigeration Distributors International (HARDI)

Midea America Research Center

Local Experts, Local Insights



Robust Professional Network



Department of Energy

Oregon State University

Portland State University

U.S. Navy

University of Maryland

University of North Carolina

University of Wisconsin

University of Wyoming

University of Arizona

University of California

University of Colorado

University of Connecticut

University of Delaware

University of Florida

University of Georgia

University of Idaho

University of Illinois

University of Indiana

University of Iowa

University of Kansas

University of Kentucky

University of Louisiana

University of Maine

University of Maryland

University of Massachusetts

University of Michigan

University of Minnesota

University of Missouri

University of Nebraska

University of Nevada

University of New Hampshire

University of New Jersey

University of New Mexico

University of New York

University of North Carolina

University of North Dakota

University of Ohio

University of Oklahoma

University of Oregon

University of Pennsylvania

University of Rhode Island

University of South Carolina

University of South Florida

University of Tennessee

University of Texas

University of Utah

University of Vermont

University of Virginia

University of Washington

University of Wisconsin

University of Wyoming

University of Arizona

University of California

University of Colorado

University of Connecticut

University of Delaware

University of Florida

University of Georgia

University of Idaho

University of Illinois

University of Indiana

University of Iowa

University of Kansas

University of Kentucky

University of Louisiana

University of Maine

University of Maryland

University of Massachusetts

University of Michigan

University of Minnesota

University of Missouri

University of Nebraska

University of Nevada

University of New Hampshire

University of New Jersey

University of New Mexico

University of New York

University of North Carolina

University of North Dakota

University of Ohio

University of Oklahoma

University of Oregon

University of Pennsylvania

University of Rhode Island

University of South Carolina

University of South Florida

University of Tennessee

University of Texas

University of Utah

University of Vermont

University of Virginia

University of Washington

University of Wisconsin

University of Wyoming

University of Arizona

University of California

University of Colorado

University of Connecticut

University of Delaware

University of Florida

University of Georgia

University of Idaho

University of Illinois

University of Indiana

University of Iowa

University of Kansas

University of Kentucky

University of Louisiana

University of Maine

University of Maryland

University of Massachusetts

University of Michigan

University of Minnesota

University of Missouri

University of Nebraska

University of Nevada

University of New Hampshire

University of New Jersey

University of New Mexico

University of New York

University of North Carolina

University of North Dakota

University of Ohio

University of Oklahoma

University of Oregon

University of Pennsylvania

University of Rhode Island

University of South Carolina

University of South Florida

University of Tennessee

University of Texas

University of Utah

University of Vermont

University of Virginia

University of Washington

University of Wisconsin

University of Wyoming

University of Arizona

University of California

University of Colorado

University of Connecticut

University of Delaware

University of Florida

University of Georgia

University of Idaho

University of Illinois

University of Indiana

University of Iowa

University of Kansas

University of Kentucky

University of Louisiana

University of Maine

University of Maryland

University of Massachusetts

University of Michigan

University of Minnesota

University of Missouri

University of Nebraska

University of Nevada

University of New Hampshire

University of New Jersey

University of New Mexico

University of New York

University of North Carolina

University of North Dakota

University of Ohio

University of Oklahoma

University of Oregon

University of Pennsylvania

University of Rhode Island

University of South Carolina

University of South Florida

University of Tennessee

University of Texas

University of Utah

University of Vermont

University of Virginia

University of Washington

University of Wisconsin

University of Wyoming

University of Arizona

University of California

University of Colorado

University of Connecticut

University of Delaware

University of Florida

University of Georgia

University of Idaho

University of Illinois

University of Indiana

University of Iowa

University of Kansas

University of Kentucky

University of Louisiana

University of Maine

University of Maryland

University of Massachusetts

University of Michigan

University of Minnesota

University of Missouri

University of Nebraska

University of Nevada

University of New Hampshire

University of New Jersey

University of New Mexico

University of New York

University of North Carolina

University of North Dakota

University of Ohio

University of Oklahoma

University of Oregon

University of Pennsylvania

University of Rhode Island

University of South Carolina

University of South Florida

University of Tennessee

University of Texas

University of Utah

University of Vermont

University of Virginia

University of Washington

University of Wisconsin

University of Wyoming

University of Arizona

University of California

University of Colorado

University of Connecticut

University of Delaware

University of Florida

University of Georgia

University of Idaho

University of Illinois

University of Indiana

University of Iowa

University of Kansas

University of Kentucky

University of Louisiana

University of Maine

University of Maryland

University of Massachusetts

University of Michigan

University of Minnesota

University of Missouri

University of Nebraska

University of Nevada

University of New Hampshire

University of New Jersey

University of New Mexico

University of New York



Midea | Discovery



A REAL APPLICATION OF COLD CLIMATE HEAT PUMP IN ALASKA

01
A frontier community in need

02
Project initiation

03
Engineer chat

04
The house in transformation

05
A revitalized house

06
Celebration for the successful renovation and the spirit of frontier

DOE

COLD CLIMATE HEAT PUMP CHALLENGE MANUFACTURER PARTNER

Exceeding Benchmarks at Lab Testing:

-40%/-40°C

stable compressor operation

-15%/-26°C

115% of rated capacity heating output with a COP of 1.92*

5%/-15°C

surpassing DOE cold climate specification of 2.4 COP*

*DOE Certificate of Benchmarking (COB) is a third-party energy efficiency rating of a cold climate heat pump. *Based on testing result of a Midea 3-ton system

NOT YOUR ORDINARY HEAT PUMP

Heating Performance BLOW AWAY!

M-POWER VI Compressor:

Enhanced Vapor Injection, Enhanced Heat Capacity

Challenge

-40°C

Powerful Discharge Capacity

Enhanced Vapor Injection

Technology: Efficiency Heat Exchanging Under Cold Climate



Extraordinary Form Brings Extraordinary Performance

Midea Heat Pump Flexible H

ELECTRIC Cold Climate Heat Pump Midea EVOX Heat Pump 100% heating output

制热应用

ing the Limit of

Discovery



ICATION OF
E HEAT
SKA



e Heat Pumps

Next Gen Heat Pump Technology

Next Level Heat Pump Applications

E
CHALLENGE
PARTNER

Exceeding
Benchmarks
at Lab Testing:

-40%/-40°C
-15%/-26°C
5%/-15°C
Exceeding DOE cold climate specification
of 2.4 COP

Cost coefficient performance (CCP) is a key metric
efficiency metric (COP) is a key metric
efficiency metric (COP) is a key metric

NOT
YOUR
ORDINARY
HEAT PUMP



MAPOWER Compressor
Enhanced Vapor Injection, Enhanced Heat Capacity



Technology
An Efficiency Heat Exchanging Under Cold Climate



Midea Heat Pump for Varied Climates



Midea Heat Pump for
Flexible Heating Combinations



We Conquer the Cold,
You Cash the Rebate!

United States (48%)
Canada (10%)
\$2,000
\$5,000

Ducted & Ductless Compatible
Multi-Zone System

1.5-5 Tons

Power up to 1000W
24V or 208V
Indoor Unit



ump for Multiple Rooms



In-Cassette



0.5-1.5 Tons

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

Power up to 1000W
24V or 208V
Indoor Unit

制热应用

Next Level Heat Pump Applications

Midea Heat Pump for Varied Climates



Midea Heat Pump for Flexible Heating Combinations



ELECTRIC
Cold Climate Heat Pump
Midea EVOX Heat Pump
100% heating output at -4°F



ELECTRIC
Combo Heat
Midea EVOX Heat Pump + Auxiliary Heat Kit
Activate the auxiliary heat strip to let the system rapidly reach the set temperature on extreme weather days



DUAL FUEL
Midea EVOX Heat Pump + Gas
Heat EVOX system with an existing gas furnace and it determines the best source of heat (gas or electric) on cold days to guarantee peak efficiency and comfort of your HVAC system

**We Conquer the Cold,
You Cash the Rebate!**

United States up to
\$2,000
Canada up to
\$5,000

(Eligible for the Canada Greener Homes Grant Program with a maximum of up to \$5,000 for which)

Heat Pump for Multiple Rooms

Heat Pump for Multiple Rooms

Domestic Hot Water

Ducted & Ductless Compatible Multi-Zone System

1.5-5 Tons
Power up to 1 Zone
Up to 24.8 SEER2
Individual Control



All Easy Pro

0.5-3 Tons
Ultra High Efficiency
SEER2: 25.1
Improved Control with Intelligent Eye
This heat pump is the ultimate choice for all who want the highest efficiency and the lowest annual energy cost. It's the only heat pump with the Intelligent Eye feature.

Slim Duct

0.75-3 Tons
SEER2: 25.1
HSPF2: 8.1
COP @ 95°F: 4.15
Improved Control with Intelligent Eye
This heat pump is the ultimate choice for all who want the highest efficiency and the lowest annual energy cost. It's the only heat pump with the Intelligent Eye feature.

Midea

0.5-3 Tons
SEER2: 25.1
HSPF2: 8.1
COP @ 95°F: 4.15
Improved Control with Intelligent Eye
This heat pump is the ultimate choice for all who want the highest efficiency and the lowest annual energy cost. It's the only heat pump with the Intelligent Eye feature.

Heat Pump for Multiple Rooms

Domestic Hot Water

Up to 75% Annual Energy Savings

Model	Capacity	SEER2	HSPF2	COP @ 95°F
Midea EVOX	1.5-5 Tons	24.8	8.1	4.15
Midea All Easy Pro	0.5-3 Tons	25.1	8.1	4.15
Midea Slim Duct	0.75-3 Tons	25.1	8.1	4.15
Midea Midea	0.5-3 Tons	25.1	8.1	4.15

Next Level Heat Pump Applications

Heat Pump for Multiple Rooms

Heat Home

Midea Heat Pump for Varied Climates



Midea Heat Pump for Flexible Heating Combinations



We Conquer the Cold, You Cash the Rebate!



Ducted & Ductless Compatible Multi-Zone System

1.5-5 Tons
Power up to 8 Zones
Up to 24 x 36" Duct
Intelligent Control



All Easy Pro

0.5-3 Tons

Ultra High Efficiency
SEER 35.1

Upgraded Control with Intelligent Eye
Smart Eye allows you to see the status of the system and the temperature of the room. It also allows you to control the system remotely using a smartphone app.

Air Handler

1.5-3 Tons

Incorporating up to 8 zones
Up to 24 x 36" Duct



Slim Duct

0.75-5 Tons

Ultra High Efficiency
SEER 35.1

Upgraded Control with Intelligent Eye
Smart Eye allows you to see the status of the system and the temperature of the room. It also allows you to control the system remotely using a smartphone app.

Console

0.75-1.5 Tons

Two-way installation
Up to 24 x 36" Duct



50-3/8"(W) 13-1/4"(D) 9"(H)

IN-Cassette

0.5-1.5 Tons

Ultra High Efficiency
SEER 35.1

Upgraded Control with Intelligent Eye
Smart Eye allows you to see the status of the system and the temperature of the room. It also allows you to control the system remotely using a smartphone app.

IN-Cassette

0.5-1.5 Tons

Two-way installation
Up to 24 x 36" Duct



5,000 Eligible for the Canada Greener Homes Grant Program with a reimbursement of up to \$5,000 for retrofit.

California: **\$3000**

Washington: **\$500**

New York: **\$1000**

Florida: **\$500**

Rebate

一拖五系统 + 分体 + Combo

Heat Pump for Multiple Rooms

Ducted & Ductless Compatible Multi-Zone System

1.5-5 Tons

Power up to 5 Zones
Up to 24.6 SEER2
Individual Control



All Easy Pro 0.5-3 Tons

Ultra High Efficiency
SEER2 35.1
EER 12.8

Upgraded Comfort with Intelligent Eye
Tailor the breeze to your preference. Step out for over 30 minutes and the system intuitively reduces operating frequency to conserve energy.

Air Handler 1.5-3 Tons

Incorporating an up to 3-ton AHU into the multi-zone system.
The system's versatility makes it applicable across a wider range of scenarios and conditions, allowing homeowners to keep their ducted system while adding ductless units for additional climate control.



Slim Duct 0.75-5 Tons

SEER2 20.2
EER 10.8
Slim Duct
9.65 inches height (slim model)
Computational Constant Airflow Technology
Ensures constant airflow within 0.1" static pressure

Console 0.75-1.5 Tons

Two-way installation
66.3% LARGER
upper air outlet*
64.1% LARGER
lower air outlet*
*Compared to the last generation Prime Console unit.



IN-Cassette



0.5-1.5 Tons

Built-in Design
Fits in both the ceiling and floor, and connects.
Discrete Panel
Makes it easy to clean the air filter.
Two-Way Installation
Helps up to 30% off.

50-3/8"(W) 13-1/4"(D) 9"(H)

Heat Pump for Home Additions

Domestic Hot Water

Up to 75% Annual Energy Savings



Combo

Heat Pump for Home Additions

Domestic Hot Water

50-3/8"(W) 13-1/4"(D) 9"(H)

IN-Cassette



0.5-1.5 Tons

- Built-in Design
Fits in both the current and future joist standards
- Elevation Panel
Makes it easy to clean the air filter
- Two Way Installation
Hang up & screw in

Midea IN-Cassette
Built-in Design
Fit-in Size
Blend-in Style

- **PLR-1000**
10,000 BTU/h
- **PLR-1200**
12,000 BTU/h
- **PLR-1500**
15,000 BTU/h
- **PLR-1800**
18,000 BTU/h



Midea Variable Speed Compressor
Continuously operates according to the changing temperature needs

High Efficiency Heating & Cooling
SEER up to 15.5
Continuous Operation from -22°F to 122°F

Fits Different Spaces
Wide Capacity Options

- 10,000 BTU/h
- 12,000 BTU/h
- 15,000 BTU/h
- 18,000 BTU/h



Top Tier Energy Efficiency

Exceeds DOE Advanced Tier
50 gallon 1007 3.75
80 gallon 1007 4.00

Eligible For Many Rebate Programs



Up to 75% Annual Energy Savings

	Annual energy consumption	Annual electricity bill
Electric water heater	6740 kWh	943.03
Combo	1685 kWh	235.55





EVOX Air Handler



Easy to Install
The compact size of the EVOX Air Handler makes it easy to install in tight spaces.

EVOX A-Coil



Easy to Enjoy
The EVOX A-Coil is designed for easy operation and maintenance, ensuring a long and reliable life.

EVOX Ceiling-Mounted Air Handler



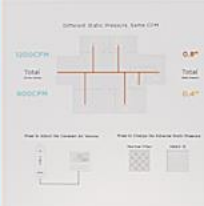
1.5-3 Tons
Easy to Install
The compact size of the EVOX Ceiling-Mounted Air Handler makes it easy to install in tight spaces.

EVOX Wall-Mounted Air Handler



1.5-3 Tons
Easy to Install
The compact size of the EVOX Wall-Mounted Air Handler makes it easy to install in tight spaces.

Easy to Adapt



Instruction:



EVOX G⁺ Smaller Size, Higher Efficiency, Expanded Applications



Easy to Fit in Different Spaces
The compact size of the EVOX G+ makes it easy to fit in different spaces.

Easy to Replace Gas Furnaces
The compact size of the EVOX G+ makes it easy to replace gas furnaces.



EVOX系统及技术介绍

EVOX Easy Upgrade

Heat Pump for Various
Climate Conditions

100% heating Output at -4°F

Functionality Down to -22°F

Full Product Line Exceeds CEE Advanced Tier



27%
Reduction in Height



Discovery
Tested Heat Pump

*Comparison between the height of a 485 EVOX Heat pump and the height of a 485 EVOX Heat pump with a 24V thermostat.

Easy to Replace

BI-COMM Technology,
Cost-effective replacement



485 Communication Mode
EVOX Heat pump
EVOX Air Handler
Hides Wired Controller



OR
EVOX Heat Pump
EVOX Air Handler
Third-Party 24V Thermostat



24V Self-Adapt Mode
EVOX/Third-Party Heat Pump
EVOX/Third-Party Air Handler
Third-Party 24V Thermostat

Premium Upgrade (485)
Future Upgrade
Wireless M-Net
Capability

Over the air updates
Network (OTA) for
future control
(enhancement)

Flexible mix & match (24v)

Flexibly mix & match with most third party
heat units, outdoor units, and thermostat
even without changing wiring or refrigerant
lines.

Breaking the Limit of

Aidea | Discovery



A REAL APPLICATION OF
COLD CLIMATE HEAT
PUMP IN ALASKA



Heat Pump

Exceeding
Benchmarks
at Lab Testing:

-40% / -40%

-15% / -26%

57% / 15%

Instruction:

Interaction 1:

Press to adjust the filter density and see how the EVOX air handler provides constant airflow, even when the external static pressure of the HVAC system changes.

Interaction 2:

Press to adjust the whole home air volume to meet your individual preferences. Easily increase or decrease the total CFM while maintaining a constant airflow.

0.8"

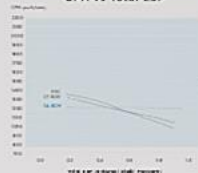
Total

0.4"

External Static Pressure

MSDV 13

CFM vs Total ESP



Up to 100% increase in CFM with no change in ESP

EVOX 6⁺

Smaller Size, Higher Efficiency, Expanded Applications

Easy to Fit in Different Spaces

Modular Design
6-Way Installation



Easy to Replace Gas Furnaces

The Same Width as the Gas Furnace,
Smooth Replacement of the Existing Equipment
Adaptive Multi-Voltage System,
115V or 208/230V All in One



Designed for High Efficiency Performance



EVOX



EVOX Wall-Mounted Air Handler

EVOX Ceiling-Mounted Air Handler

1.5-3 Tons

SEER2 19.0 | EER2 12.4

Easy to Install

Compact size makes it easy to replace



Potentially the highest in the industry ensures airflow up to 0.8" w.c.



Sufficient Airflow
Total Static Pressure 0.4"



1.5-3 Tons

SEER2 19.3 | EER2 12.1 | HSPF2 10.8

Easy to Install

Boasts One of the Smallest Widths in the Industry

1.5-2 tons: 20.0" x 15.0" x 36.5"
2.5-3 tons: 22.0" x 19.0" x 40.0"

Two-Way Installation



Easy to Adapt Computational Constant Airflow 2.0

Different Static Pressure, Same CFM



Press to Adjust the Constant Air Volume



Press to Change the External Static Pressure



Instruction:

Interaction 1:

Press to adjust the filter density and see how the EVOX air handler provides constant airflow, even when the external static pressure of the HVAC system changes.

Interaction 2:

Press to adjust the whole-home air volume to meet your technical preferences. Easily increase or decrease the total CFM, while maintaining a constant airflow.



EVOX G3 Smaller Size, Higher Efficiency, E

Easy to Fit in Different Spaces

Modular Design
6-Way Installation



EASY UPGRADES
FOR
MULTI-FAMILY
BUILDINGS

EVOX



EVOX Air Handler

1.5-5 Tons

SEER18.0 | EER12.4 | HSPF10.0



Easy to Install

Compact Size
Fit various installation space

1.5-5 Tons
20.5" x 15.7" x 36.5"
2.5-3 Tons
22.0" x 19.0" x 40.0"
E-Box
34.7" x 20.0" x 18.0"



EVOX A-Coil

Easy to Enjoy

During Winter
Dual-Fuel Capability

Cold
Experience comfort and efficiency
with heat pump

Freezing
Enjoy stable and continuous
heating with the gas furnace as
an alternative backup

During Summer
Efficient Cooling

Hot
Experience ultimate comfort with
highly efficient and powerful
cooling capabilities



EVOX Ceiling-Mounted Air Handler

1.5-3 Tons

SEER19.0 | EER12.4 | HSPF9.9

Easy to Install

Compact size
makes it easy to replace the old unit



Potentially the highest static pressure
in the industry ensures sufficient
airflow up to 0.8" w.e.



Sufficient Airflow
Total Static Pressure 0.4"



Sufficient Airflow
Total Static Pressure 0.8"

EASY
UPGRADES
FOR
MULTI-FAMILY
BUILDINGS

EVOX Wall-Mounted Air Handler

1.5-3 Tons

SEER19.3 | EER12.1 | HSPF10.8

Easy to Install

Exceeds One of the
Smallest Widths
in the Industry

1.5-2 tons:
20.5" x 15.7" x 36.5"

2.5-3 tons:
22.0" x 19.0" x 40.0"

Two-Way Installation



EVOX Air Handler



Easy to Install

Compact Sizes
Fit Various Installation Space



1.5-2 tons:
17.5" x 21.0" x 45.0"
2.5-4 tons:
21.0" x 21.0" x 49.0"
5 tons:
24.5" x 21.0" x 58.0"

Four-Way Installation
(Up/Down/Left/Right)



EASY
UPGRADES FOR
SINGLE-FAMILY
HOUSES

1.5-5 Tons

SCOP2 Up To 18.0 | SCOP2 Up To 12.4 | SCOP2 Up To 10.0



EVOX A-Coil

1.5-5 Tons

SCOP2 Up To 17.0 | SCOP2 Up To 11.7

Easy to Install

The Most Comprehensive
Size Options

- 1.5-2 tons: 14.5" x 21.0" x 18.0"
- 1.5-2 tons: 17.5" x 21.0" x 38.0"
- 2.5-3 tons: 17.5" x 21.0" x 23.5"
- 2.5-4 tons: 21.0" x 21.0" x 34.0"
- 5 tons: 24.5" x 21.0" x 26.0"

Flexible Multi-Point Design
for Versatile Positioning



EVOX Ceiling-Mounted Air Handler

1.5-3 Tons

SCOP2 Up To 19.0 | SCOP2 Up To 12.4 | SCOP2 Up To 9.9

Easy to Install

Compact size
makes it easy to replace the old unit



potentially the highest static pressure
in the industry ensures sufficient
airflow up to 0.8" w.g.



Sufficient Airflow
Total Static Pressure 0.4" Total Static Pressure 0.8"

EASY
UPGRADES
FOR
MULTI-FAMILY
BUILDINGS

