DISCOVER
easyCOMFORT

Midea Group
Midea Building Technologies Division

C-V8MAEU202412

Add.: Midea Headquarters Building, 6 Midea Avenue, Shunde, Foshan, Guangdong, China
Postal code: 528311
mbt.midea.com/global www.midea-group.com ics.midea.com

Quality Assurance ISO 9001
Environmental Management ISO 14001
Occupational Health and Safety Management ISO 45001

Midea

Profit Series

Efficiency&Control Redefined, Savings &Smart Delivered.

Midea Full Inverter Light Commercial Package Rooftop Unit

2026

MBT

Midea Building Technologies (MBT) is a key division of the Midea Group, a leading provider of comprehensive, intelligent-building solutions including energy sources, elevators, control systems and heating, ventilation and air conditioning.

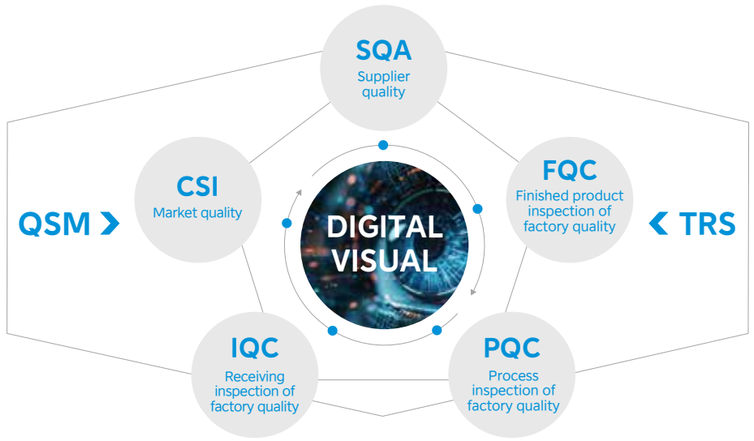
Built on a foundation of innovation, Midea has emerged as a global leader in the HVAC and building management industry. Our unwavering dedication to research and development coupled with an extensive network of global partners has given birth to cutting-edge technologies that provide innovative solutions to our customers around the world.

Committed to providing users with intelligent, digital, low carbon overall building solution

4 global manufacturing locations assure timely delivery with less sensitivity to supply chain interruption.

Over 100 testing labs cover a wide range of real application scenarios.

All products can be visualized and digitalized throughout entire process.



MBT DEVELOPMENT

Midea has become a main player in global market

FUTURE

1999

• Midea CAC established
• Introduced Toshiba-Carrier tech. to launch the 1st VRF in China

2004

Acq. of Chongqing General and entered chiller field

2010

Hefei Production base setup, expanding heating production lines

2015

• JV with Bosch in VRF production
• JV with Siix in smart control

2016

Acq. of European famous HVAC company Clivet

2020

Acq. of LINVOL to enter elevator field

2021

Officially renamed as Midea Building Technologies (MBT)

2022

• MBT new European production and R&D base foundation stone laid in Feltre, Italy
• MBT Jingzhou factory completed

2024

• Acq. of Toshiba Elevator's China business

2025

• Acq. of ARBONIA climate; Midea, Clivet, and ARBONIA climate formed a strong new alliance - MBT Climate
• MBT Climate opens new innovation center in Padua, Italy
• MBT's Thailand Intelligent Manufacturing Industrial Park put into use

Business Expansion ▶ **Diversification & Internationalization** ▶ **Transforming into Building Technology**

BENEFITS OF MIDEA PROFIT

For End-users

Cost-efficient Operation
Enhanced Indoor Comfort

For Building Owners

Energy-management Solutions
Reliable Operation
Backup solution

For Construction Companies

Green Solutions
Space-Saving Designs
Intelligent Management Systems

APPLICATION SOLUTIONS

Super Markets

Enhance Shopping
Comfort and Efficiency

Midea's Profit series rooftop units offer tailored climate control for small and medium supermarkets. Featuring DirectDrive Fan Motor and CurbFit Design, these units ensure efficient operation and easy installation, providing consistent temperature management, enhancing the shopping experience.

Grocery Stores

Maximize Energy Savings
and Climate Control

Midea's Profit series rooftop units deliver efficient solutions for grocery stores, focusing on energy savings and precise temperature and humidity management.

Warehouses

Boost Airflow and Energy Efficiency

Midea's Profit series rooftop units are engineered to enhance warehouse environments by improving airflow and maximizing energy savings. These units ensure consistent air circulation, creating optimal conditions for stored goods while significantly cutting down on energy expenses.

Chain Restaurants
Fast Food Shops

Versatile, Cost-Effective, and Smart

Midea's Profit series rooftop units deliver optimized climate solutions for chain restaurants and fast food operations. Featuring rapid temperature adjustment and enhanced ventilation systems, these units effectively balance kitchen heat loads while maintaining dining comfort.

K12 Schools

Enhance Air Quality and Reliability

Midea's Profit series rooftop units are crafted to create a healthier and safer environment for K-12 schools. By delivering superior air quality and reliable performance, these units help maintain a comfortable and secure atmosphere for students and staff, promoting well-being and peace of mind.

Small Office Buildings
Small Gyms
Small Clinics

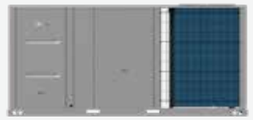
Superior Air Management,
Quiet Operation, Energy Efficiency

Midea's Profit series rooftop units are tailored for small office buildings, gyms, and clinics, offering exceptional air management and whisper-quiet operation. These units prioritize energy efficiency, ensuring a comfortable environment that supports productivity and wellness while keeping energy costs in check.

Profit Series

Midea full inverter package rooftop units, featuring CurbFit Design and capacities from 5 Ton to 30 Ton, are perfect for diverse applications. With all-DC variable frequency compressors and DirectDrive fan motor technology, Profit cuts internal moving parts by 70% and enhances energy efficiency by over 20% compared to the Basefit series. These units excel in extreme temperatures, offering superior cooling and an excellent dehumidification mode. Constant airflow technology maintains optimal indoor temperatures. Optional economizers and filters support fresh air and energy-saving modes. Quick filter replacements are possible with the push-pull design, and optional built-in sensors monitor filter status in real-time. The smart control system allows for easy on-site commissioning, USB upgrades, and integration with smart systems for effortless access to key parameters.

Product Lineup

Nominal ton*		7.5 Ton	10 Ton	15 Ton	20 Ton	25 Ton	30 Ton
Cooling Only 230V 3Ph 380V 3Ph 460V 3Ph		●	●				
				●	●		
						●	● 460V 3Ph only

*Market availability dates may vary by region. For detailed information, please consult your local sales representative.

Unit Features

Features		Profit Series
INNOVATIVE TECHNOLOGIES	DirectDrive	●
	ShieldBox	●
	CurbFit	●
	SuperSense	●
	SmartLink	○
HIGH EFFICIENCY	Full DC Inverter Technology	●
	Cost Savings	●
	Low Standby Power Consumption	●
	60-step Energy Management	●
ENHANCED COMFORT	Enhanced Dehumidification	●
	Optional 500Pa High Static Pressure	○
	Advanced Silent Technology	●
	Auto Cooling/Heating Changeover	●

● Standard Feature O Customization Option

*Features may vary by region. Please contact your local sales representative for details.

Features		Profit Series
HIGH RELIABILITY	Soft Start	●
	Wide Operation Range	●
	Auto Dust-Removal Function	○
	Earthquake Proof	7.5~12.5 Tons Only
	Fan and Compressor Backup	12.5 Ton and Above
	ShieldBox	●
	Virtual Sensor Backup	●
	Anti-corrosion Protection	○
EASY INSTALLATION AND MAINTENANCE	Curb Compatibility	●
	Easy Slide Filter	○
	Maintenance Mode	●
	Convertible Duct Connection	●
	Easy Wiring for Control Board	●
	3 Way Fork Lift Holes	●
	Easy Installation	●
	Easy Software Program Upgrade	●
	Smart Commissioning/Maintenance Tool	○
SMARTLINK	24V Thermostat	○
	Wired controller	○
	Central Controller	○
	3rd Party BMS System Compatibility	○

● Standard Feature O Customization Option

*Features may vary by region. Please contact your local sales representative for details.

INNOVATIVE TECHNOLOGIES

DirectDrive

ShieldBox

CurbFit

SuperSense

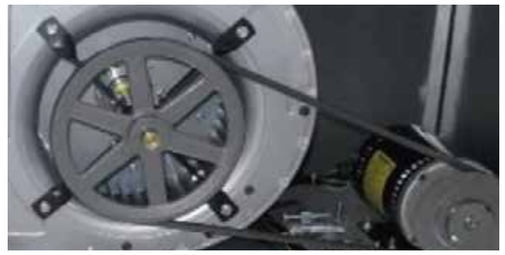
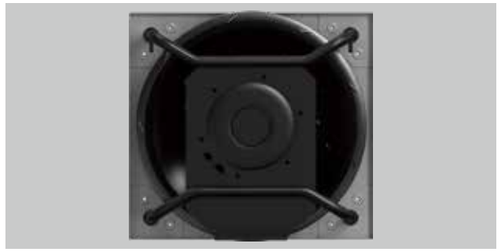
SmartLink

DirectDrive

Belt-Free Performance, Built to Last

Benefits | Enhanced Efficiency | Longer Lifespan | Minimal Maintenance | Reduced Noise

Experience the revolutionary ECM Direct Drive technology - the ultimate solution for hassle-free HVAC operations. Unlike traditional belt drive systems that demand regular adjustments and yearly maintenance, our factory-installed ECM Direct Drive requires minimal on-site adjustments during installation and eliminates maintenance headaches with its self-diagnostic capabilities. Enjoy exceptional reliability with up to 15 years of motor lifespan, covering the entire unit lifecycle. The system's simplified design requires only basic maintenance skills, dramatically reducing service costs and downtime while delivering consistent, efficient performance throughout its extended operational life.

Direct Drive Fan Motor	AC Motor Belt Drive
Installation	
	
Factory-installed, no additional on-site adjustment needed	1. Belt Tension Adjustment 2. Pulley Alignment Adjustment 3. Readjust after a few days of running
Maintenance	
	
No special maintenance required, self-diagnosis, up to 15 years motor lifespan (whole unit lifecycle)	1. At least one belt maintenance per year 2. Replace the belt every two years 3. Replace the motor every 8 years
For Installer	
	
Technicians with basic air conditioning maintenance skills	Technicians with professional electrical installation and maintenance skills

ShieldBox

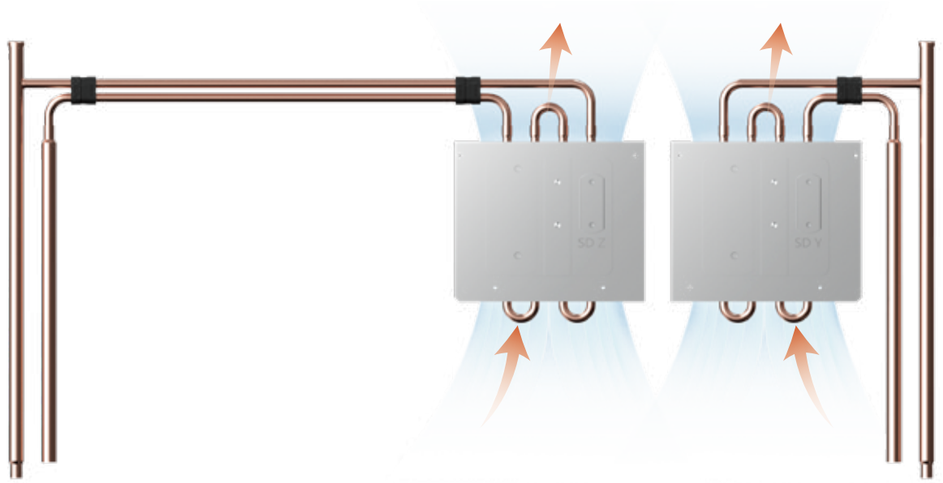
Fully-enclosed electrical control box provides robust protection for internal electrical components, greatly improving system **RELIABILITY**.

Benefits | High Reliability | Stable Operation

ShieldBox keeps electronic components isolated from the external environment to protect against corrosion, sand, humidity, heavy snow and other harsh conditions. Additionally, it prevents insects and small animals from entering so internal electronics remain well protected.

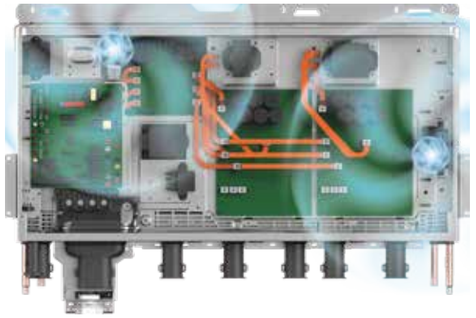
Independent Cooling System

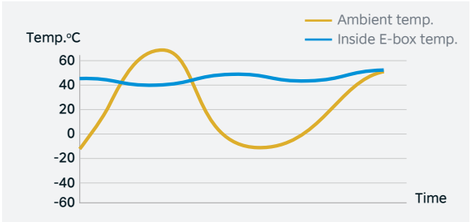
Our product features an electrical control system with independent cooling for both A and B systems. This design enhances serviceability by allowing technicians to repair one system without affecting the other, simplifying maintenance.



Built-in Circulating Fan

A built-in circulating fan enhances airflow within the chamber, promoting more efficient heat exchange and a consistent ambient temperature inside.





Multiple High-Precision Temperature Sensors

High-precision temperature sensors continuously monitor the operating temperature of electronic components under different conditions, ensuring that the internal temperature of the chamber remains stable at all times.

SuperSense

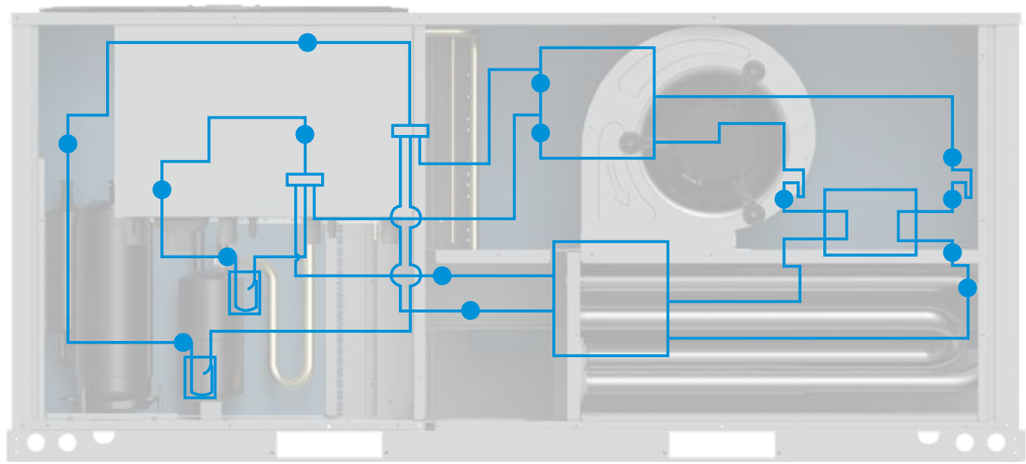
The status of the refrigerant can be determined throughout the process, ensuring exceptional RELIABILITY and COMFORT.

Benefits | High Reliability | Stable Operation | Enhanced Comfort

Midea Profit Series boasts a comprehensive sensor setup for precise monitoring and efficient operation. The dual system includes 2 pressure sensors and 13 temperature sensors, while the single system features 1 pressure sensor and 8 temperature sensors. This advanced configuration ensures accurate tracking of key temperatures, guaranteeing reliable and stable performance in all conditions.

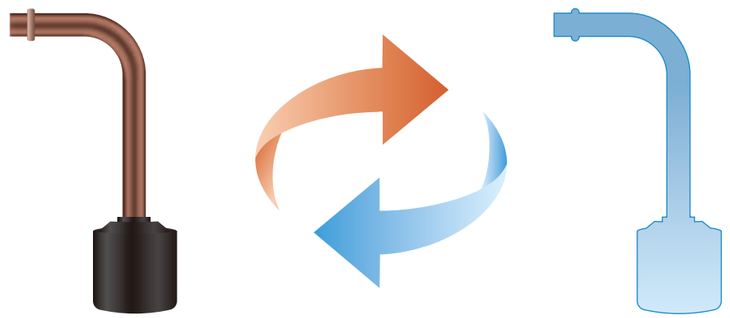
More Sensors for Proactive Support

Profit 12.5Ton and above is equipped with up to 2 pressure sensors and up to 13 temperature sensors, while the 5-10Ton single system includes up to 1 pressure sensor and up to 8 temperature sensors. These sensors monitor key areas such as indoor temperature, evaporator and condenser pipe temperatures, outdoor ambient temperature, and exhaust temperature, ensuring optimal performance and reliability.



Virtual Sensor Backup

In the event of a sensor failure, the system will automatically simulate a virtual backup sensor using other sensors, ensuring continuous operation.



Failure of a physical sensor

Real-time generation of virtual sensor

SmartLink

Intelligent control and diagnostic technology makes servicing **EASIER** and more **EFFICIENT.**

Benefits

- Easy Control
- Fast Maintenance
- Low Maintenance cost

By harnessing a cloud-based platform powered by big data and artificial intelligence, the Profit Series monitors the real-time operation status of each unit, predicts potential system malfunctions and proactively recommends service or maintenance. An intelligent Bluetooth module and after-sales kit further streamline maintenance while enhancing servicing efficiency.

Multiple Connectivity Options

24V Thermostat

Wired Controller

Central Controller

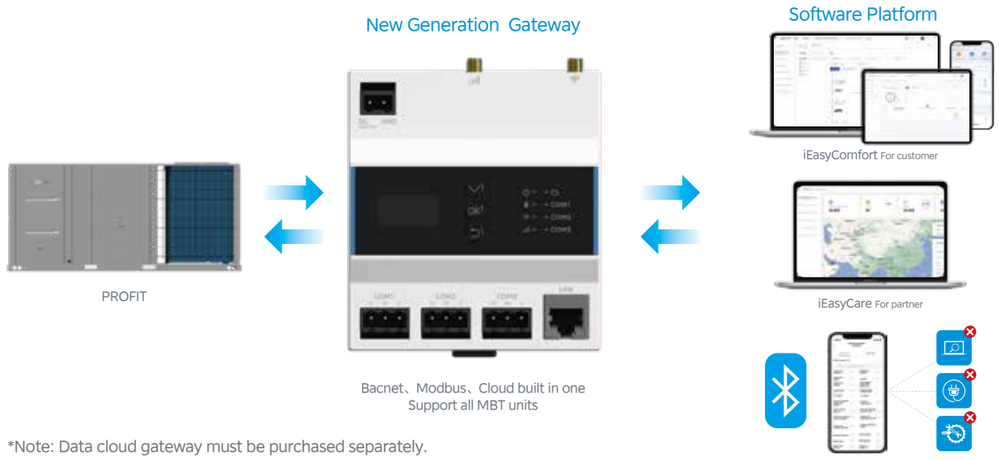
3rd Party BMS System Compatibility

Central controllers are available in 7-inch (up to 16 units) or 10.1-inch (up to 48 units) options. Midea controllers are compatible with both Midea VRF and Profit Rooftop Units.

*This feature is offered as an optional configuration.

Smart Local and Remote Diagnosis

The Profit Rooftop Series integrates Bluetooth and cloud technology to offer comprehensive local and cloud-based diagnostics. Through ensuring seamless synchronization and storage of all unit parameters to the cloud via a data gateway. This system provides comprehensive insights, including operational status, blockage frequency, and inspection parameters, accessible from any internet-connected device. With the Smart Cloud Monitor, the system continuously analyzes data, generating alerts for any abnormal conditions and proactively suggesting service or maintenance, thus enhancing reliability and efficiency.



*Note: Data cloud gateway must be purchased separately.

*This feature is offered as an optional configuration.

CurbFit

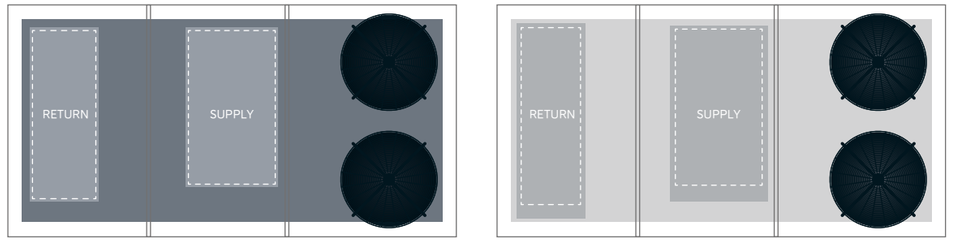
Curb-Ready, Cost-Savvy

Benefits | Seamless Installation | Time Saving | Reduced Downtime

By maintaining the original footprint and leveraging a trusted unit design, our solution ensures perfect compatibility with existing systems. This approach allows for hassle-free replacements, minimizes installation disruptions, and keeps costs low. Choose our product for effortless upgrades and reliable performance!

Direct Replacement for Most Rooftop Units

The CurbFit Design ensures a seamless installation process, minimizing disruptions and allowing for quick integration into existing systems. This leads to reduced downtime, enhancing overall efficiency and productivity. Below is a table of the footprint dimensions for the Midea Profit Series.



Example of Competitive Footprint Alignment

Tonnage	Midea Footprint（In）L*W
7.5~10	84 1/2 * 53 3/8
15~20	109 1/4 * 57 9/16
25~30	135 5/8 * 80 5/8

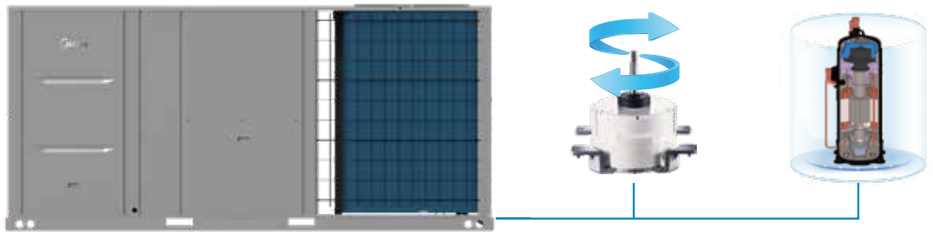
Full DC Inverter Technology

Full DC Inverter Components

The Profit Rooftop Series utilizes DC inverter compressors and fan motors which enable high-precision and stepless speed adjustment for maximum efficiency, consistently stable operation and reduced noise levels.

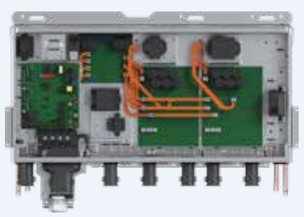
GMCC High-Efficiency Rotary Compressor

The compressor incorporates an innovative 18-slot 6-pole motor design that is protected by 7 patents. Computer-Aided Engineering (CAE) simulation has been used to optimize components, featuring Diamond-Like Carbon (DLC) coated vanes and advanced crankshaft design, with a maximum frequency of 108Hz for enhanced stability. The system employs micro optimization and precise cooling liquid distribution, which boosts efficiency and enhances environmental performance.



All powered devices, such as indoor fan motors, and electric control boards operate on full DC power.
This enhances electrical efficiency by up to 20% while enabling precise indoor temperature control with minimal fluctuations.

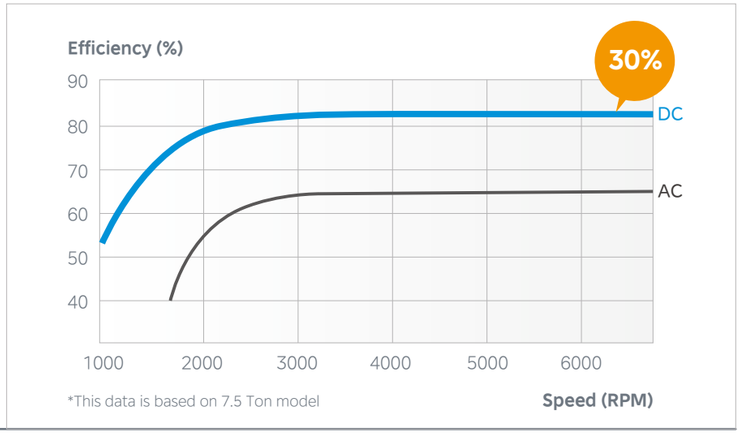
Fan Motor



Electric Control Board

30%

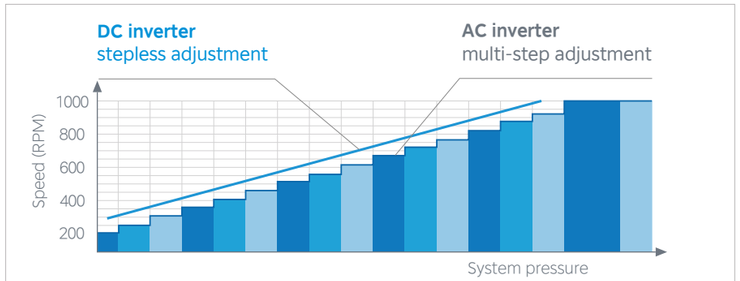
Efficiency
improvements



*This data is based on 7.5 Ton model

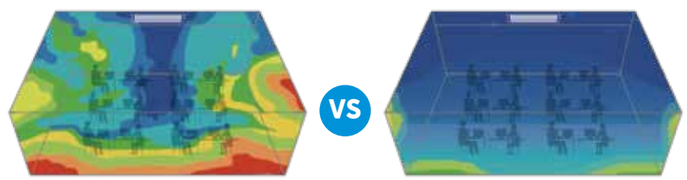
DC inverter
stepless adjustment

DC



Wider frequency adjustment range

Higher energy efficiency



Uneven temperature distribution

Uniform temperature distribution

COST SAVINGS

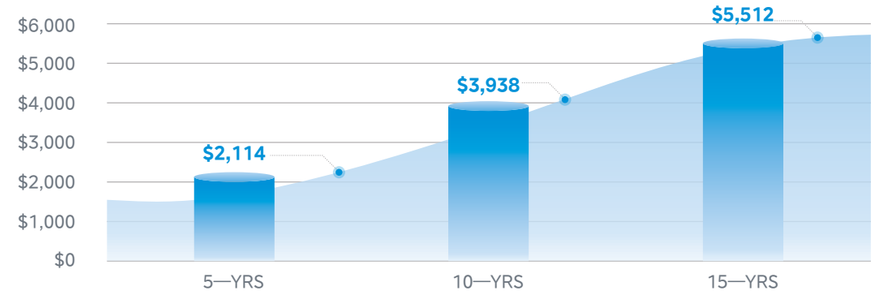
Energy Cost Savings

Midea Profit rooftop units excel in energy savings. Variable compressor speeds dynamically regulate cooling and heating, improving efficiency compared to fixed-speed systems. Full inverter improves IEER at least by 20% compared to traditional Basefit Series units.

Annual Energy Cost

18 IEER Electricity: $1615
14 IEER Electricity: $2077

*This data is based on 7.5 Ton model

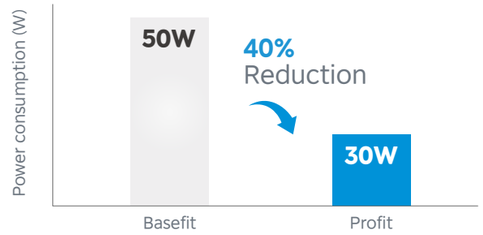


*The data is based on 7.5 Ton model;
*Location of installation: Florida;
*Based on average cost of electricity rates listed May 2021: 11.65KWH

Tonnage		5	7.5	8.5	10	12.5
Basefit	Cooling Capacity (Btu/h)	57500	86000	104000	114000	140000
	EER	10.6	11.6	11.2	11.2	11
	IEER	13.4	14.6	14.6	14.6	14
ProfitS	Cooling Capacity (Btu/h)	58000	86000	104000	114000	140000
	EER	10.8	10.8	10.8	10.8	10.6
	IEER	18	19	19	19	18.5
Profit IEER Improvement		34%	30%	30%	30%	32%

Low Standby Power Consumption

In contrast to the standard 50W standby power consumption of traditional Rooftop systems, the Profit Series employs an optimized control scheme, lowering standby power requirements to as little as 30W.



60-step Energy Management

In situations with temporary electrical supply constraints, the outdoor unit offers a 60-step energy management feature which enables precise adjustment of output capacity from 40% to 100%, in 1% increments. This mitigates the risk of circuit tripping and allows the system to operate even in the presence of unstable electrical supply conditions.

Replacement Cost Savings

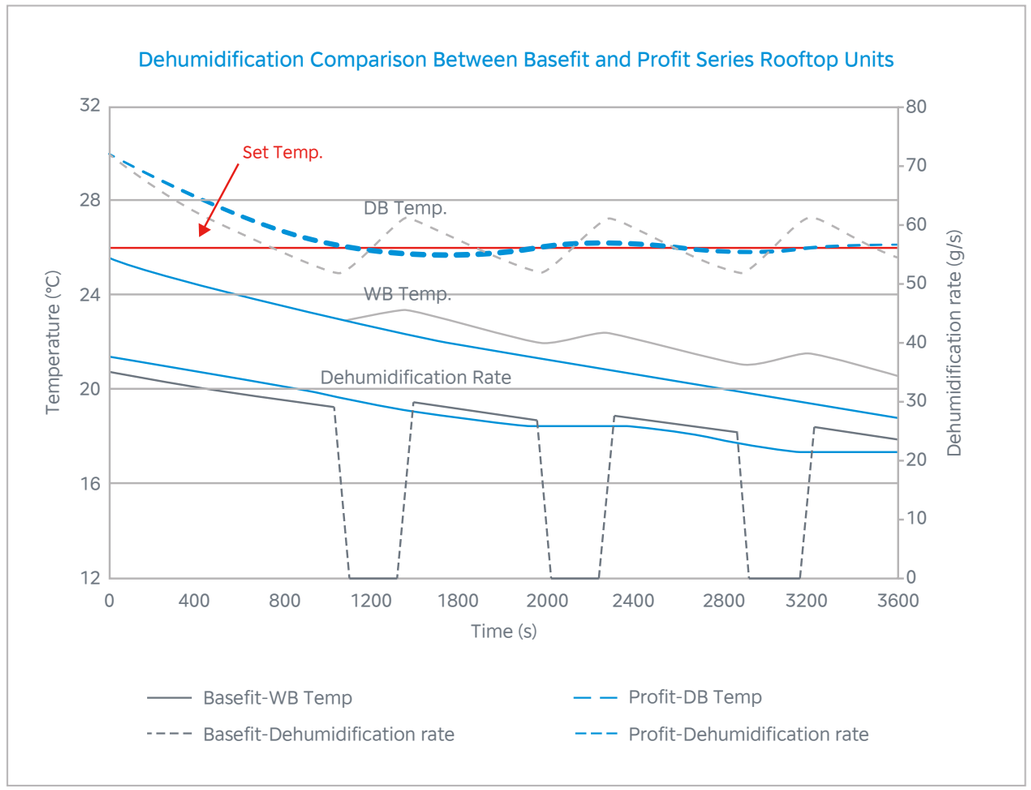
With the Profit Series rooftop units, you can save up to $1,500* when eliminating the use of an adapter curb and the need to move utility connections.

*$1,500 savings is calculated in replacement jobs where the Profit series unit matches the existing curb and no other modifications are needed, compared to a replacement unit with a different footprint, using a price of $750 for a transition curb and $750 to move utility connections.

ENHANCED COMFORT

Enhanced Dehumidification

Based on the indoor humidity level, Profit inverter compressor and indoor ECM motor adjust to provide varying levels of dehumidification, maintaining temperature and removing excess moisture. This makes them ideal for humid commercial spaces such as offices, restaurants, malls, and medical facilities.



·Initial room condition: relative humidity is 73.06%, with a moisture content of 19.64g/kg dry air.
·After 1 hour of operation, the total dehumidification amounts for variable speed and fixed speed are 16.39kg and 12.06kg, respectively. Variable speed dehumidification is **35.83%** higher than fixed speed.
·After 1 hour of operation, the relative humidity for fixed speed and variable speed are 63.7% and **50.2%**, Variable speed achieves a lower relative humidity compared to fixed speed.

Calculation Conditions	
Room Size/m	20*20*5
Initial Dry Bulb Temperature/°C	30
Initial Wet Bulb Temperature/°C	26
Initial Relative Humidity/%	73.06
Initial Humidity Ratio/g/kg Dry Air	19.64
Initial Air Density/kg/m3	1.151
Total Mass of Moist Air/kg	2302
Total Mass of Dry Air/kg	2257.66
Total Humidity Content of Air/g	44340.43
Room Heat Load/W	20000
Room Moisture Load/g/s	1
Set Temperature/°C	26

*The value is based on 10 Ton model

Optional 500Pa High Static Pressure

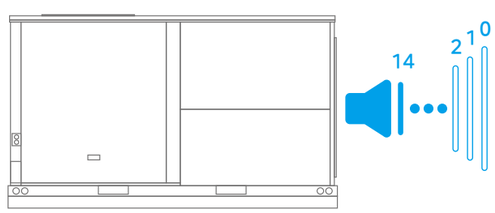
Profit 7.5~30 Tons units use external rotor fans for higher air pressure and wider airflow.

DirectDrive Fan Motor

*This feature is offered as an optional configuration.

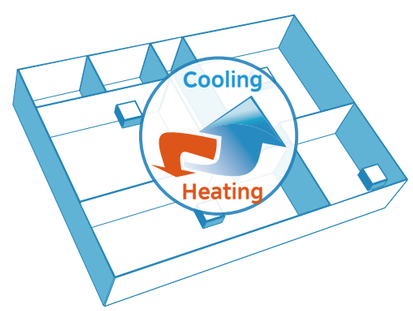
Advanced Silent Technology

A 15-level silent mode gives your customers maximum customization options.



Auto Cooling/Heating Changeover

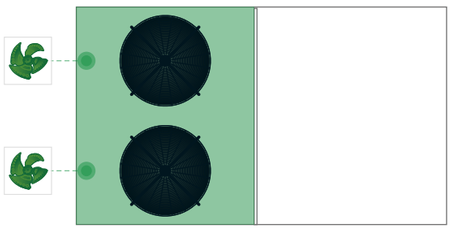
Automatically switches between cooling and heating modes as needed to efficiently reach the set temperature (available in changeover priority mode).



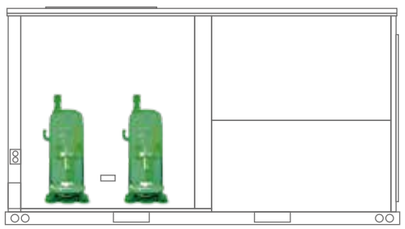
HIGH RELIABILITY

Triple Backup

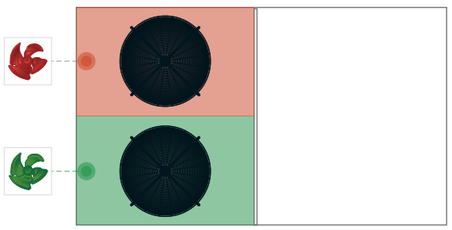
In a twin-fan, two-compressor, multiple-unit configuration, each component can serve as a backup for its counterpart.In addition, the Profit Series generates a backup virtual sensor for each corresponding physical sensor by means of an algorithm so operation continues even if a fault occurs, ensuring uninterrupted indoor comfort.



During normal operation, each fan runs on demand



Intelligent load bearing between compressors during normal operation



Continued operation in case of failure of one fan

Operational fan Failed fan

Continued operation in case of failure of one compressor

Operational Compressor Failed Compressor

1 Fan Backup

In a two-fan unit, each fan backs up the other ensuring the system will continue operating even if one fan fails.

2 Compressor Backup

In a two-compressor unit, each compressor backs up the other ensuring the system will continue operating even if one compressor fails.

3 Virtual Sensor Backup

By employing an algorithm, every physical sensor can create a corresponding virtual sensor, which serves as a backup. This ensures system operation remains unaffected in the event of a sensor failure.

Automatic virtual sensor backup

*Dual System Only for 12.5T and Above

ShieldBox

Enclosed electrical control box provides robust protection for internal electrical components, greatly improving system reliability.

Corrosion proof

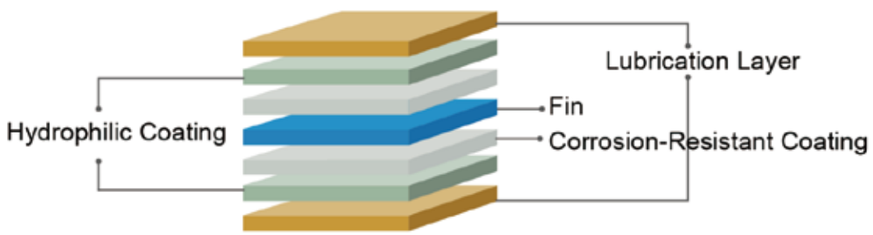
Dustproof

Rainproof/Snowproof

Insect proof

Anti-corrosion Protection

Standard units receive anti-corrosion treatment suitable for non-extreme environments. Additionally, they can be customized with enhanced anti-corrosion treatment on key components to protect surfaces from corrosive air, acid rain, and saline air, particularly in coastal areas, thereby extending their overall lifespan. The effectiveness of the anti-corrosion treatment is verified through rigorous testing, including salt mist, moisture and heat, and light aging tests. Enhanced anti-corrosion treatment is available as a customization option.



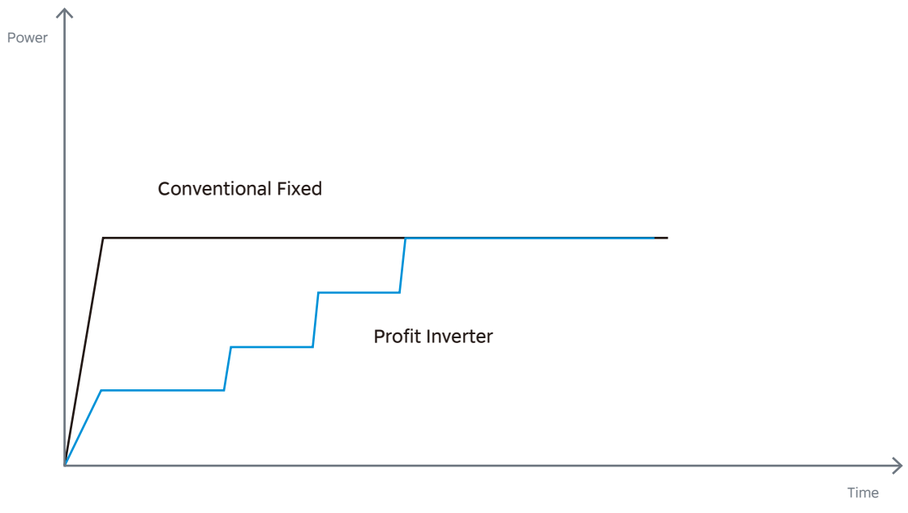
*Heavy anti-corrosion treatment is available as a customized option.

HIGH RELIABILITY

Soft Start for Better Protection

Profit inverter compressor gradually increases frequency during startup, avoiding excessive instantaneous current and reducing impact on the power grid.

Start Up Comparison



Auto Dust-Removal Function

Self-cleaning feature automatically removes dust from the outdoor unit, ensuring stable operation in dusty environments.

*This feature is offered as an optional configuration.

Wide Operation Range

Thanks to the EVI compressor and refrigerant cooling technology, the V8 Series VRF can operate at temperatures as low as -30°C for heating and up to 55°C for cooling.

*The operating range varies by region. Please refer to the technical specification for details.

Earthquake Proof

*Profit 7.5-12.5 tons has passed testing by Dynamic Certification Laboratories and has received earthquake resistance certification for the California region.

DCL DYNAMIC CERTIFICATION LABORATORIES,LLC

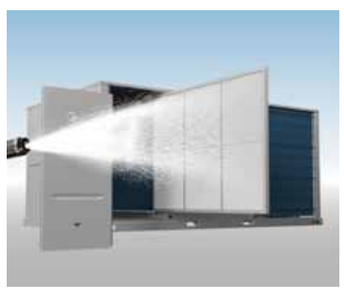
EASY INSTALLATION AND MAINTENANCE

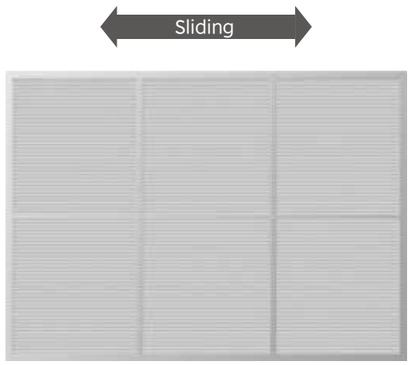
Curb Compatibility

The Profit Rooftop Series product line is designed for quick and efficient replacement of most mainstream brand models. These units feature a unique footprint design that ensures compatibility with various roof curbs without the need for adapters or additional modifications in most cases. This seamless compatibility can save contractors up to 1,500 in costs while delivering added value and convenience.

Tonnage	Midea Footprint（In）L*W
7.5~10	84½ * 53⅜
15~20	109¼ * 57⅞
25~30	135⅝ * 57⅞

Easy Slide Filter





Easy Sliding

*This feature is offered as an optional configuration.

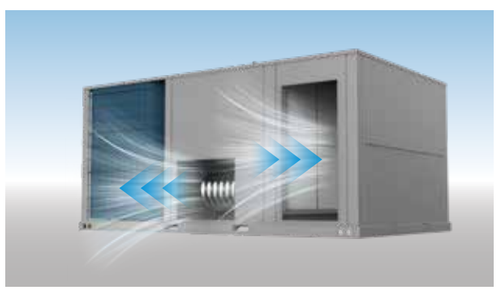
Easy Cleaning with Water

Maintenance Mode

The maintenance mode allows for the individual testing of core components, enabling technicians to isolate and identify potential issues with precision and efficiency. By focusing on specific parts rather than the entire system, this feature significantly reduces troubleshooting time and effort.

Convertible Duct Connection

Profit Series is field-convertible from vertical to horizontal airflow, which makes it easy to adjust to unexpected job-site.



EASY INSTALLATION AND MAINTENANCE

Easy Wiring for Control Board

The enhanced Profit rooftop include a clearly labeled power terminal block and an exit seal cover with a secure fixing clip to simplify installation. The power terminal block offers an intuitive connection point for wiring, reducing complexity and minimizing the chance of errors. The exit seal cover protects the wiring from environmental factors, ensuring durability and reliability. The fixing clip keeps wires securely in place, enhancing stability and organization. These features make installation straightforward, eliminating the need for specialized skills or extensive training.

Easy Installation

Utilizing an advanced high static pressure motor, our system offers extensive E.S.P coverage and simplifies E.S.P adjustments through intelligent self-adaptation.

Unlike conventional systems that require extensive modifications—such as changing pulleys, fine-tuning variable pulleys, or even replacing motors to achieve the desired air volume—our innovative solution allows users to simply set the airflow level. The system automatically adjusts the static pressure to match the selected airflow, ensuring optimal performance without the need for manual intervention or complex adjustments. This streamlined approach not only enhances convenience but also guarantees precise and efficient operation.

3 Way Fork Lift Holes

The Profit rooftop units boast an outstanding design with three-way forklift access points. To ensures easy and efficient transportation, making installation and relocation straightforward in any setting.

Accessible Gas Compartment

The Profit Rooftop Series feature an accessible gas compartment, designed for easy access to all gas components. This independent compartment allows for straightforward maintenance and servicing, enhancing safety and efficiency. By isolating the gas components, technicians can perform inspections and repairs quickly, reducing downtime and ensuring long-term reliability.

*Only for units with gas system

EASY INSTALLATION AND MAINTENANCE

Easy Software Program Upgrade

In addition to upgrading the program of units through USB and burner, the new product can also remotely upgrade all the programs of units through the data cloud gateway, making system upgrades very convenient and ensuring that the system program is always up to date.

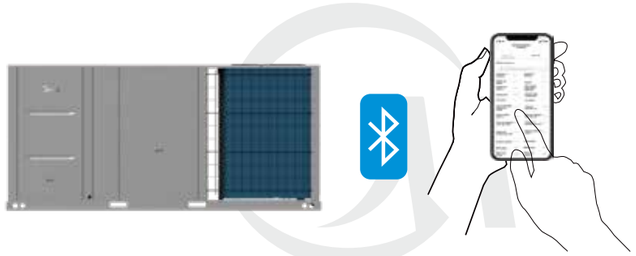
*Data cloud gateway must be purchased separately.

Smart Commissioning/Maintenance Tool

With the newly developed Midea M1 gateway Bluetooth module, system settings, operating parameter queries and trial runs are all possible without opening the cabinet.

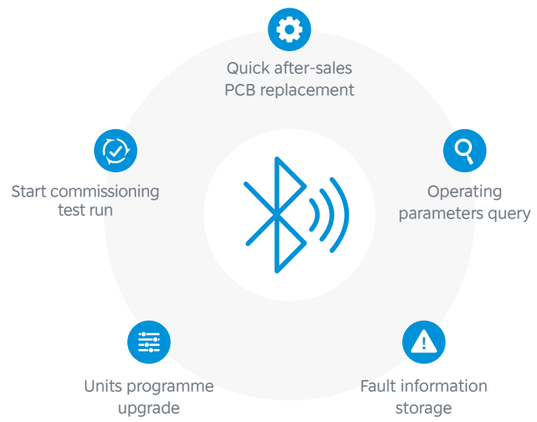
Useful in the following situations

- Installation
- Service maintenance



Main functions

- Fault information storage
- Operating parameters query
- Start commissioning test run
- Quick after-sales PCB replacement
- Units programme upgrade



*This feature is offered as an optional configuration.

Light Commercial Accessory Guide

Capacity	7.5-10 Tons		10-20 Tons		25-30Tons	
	Factory-installed	Field-installed	Factory-installed	Field-installed	Factory-installed	Field-installed
Economizer – Third Party	○	○	○	○	○	○
Curb or Curb Adapter – Third Party	○	○	○	○	○	○
Hail Guard – Third Party	○	○	○	○	○	○
Smoke Detector Protocol	●		●		●	
CO2 Detector Protocol	●		●		●	
Condensate Overflow Switch Protocol	●	●	●	●	●	●

● Standard Feature ○ Customization Option

Capacity	Auxiliary Heating Power (kW)	Auxiliary Code
7.5 Ton	10/16/25	EHK-10C(UL)/25
	32/41	EHK-32C(UL)/41
10 Ton	10.4/16/25	EHK-10C(UL)/25
	32/41/50	EHK-32C(UL)/50
20/25 Ton	25	EHK-25C(UL)
	50	EHK-50C(UL)

Profit Standard

Profit Series		7.5 Ton	10 Ton	15 Ton
Type		AC	AC	AC
Cooling	Btu/h	86000	114000	174000
	EER	/	/	/
	SEER2/IEER	16	16	16
Indoor Motor	Quantity	1	1	1
	Type	DC/Direct	DC/Direct	DC/Direct
	External Static Pressure (ESP) Pa	0~250	0~250	0~300
	Diameter(mm)	560	560	630
	Nominal CFM	3100	4000	5000
	Horsepower	3	3	4.8
Filter Size	in	20*20*2	20*20*2	/
Drain Size	NPT	3/4"	3/4"	3/4"
Outdoor Motor	Quantity	1	1	1
	Type	DC/Direct	DC/Direct	DC/Direct
	Fan Material	Metal	Metal	Metal
	Horsepower	1.25	1.25	2
	Blade Diameter/in.	30	30	35
Refrigerant Control		EEV	EEV	EEV
Compressor	Quantity	1	1	2
	Type	Rotary/Inverter	Scroll/Inverter	Rotary/Inverter
Evaporator		Al/Al	Al/Al	Cu/Al
Condensor		Cu/Al	Cu/Al	Cu/Al
Voltage-Phase-Frequency	208/230-3-60	•	•	•
	460-3-60	—	—	•
	575-3-60	—	—	—
Footprint Dimension	W*D(inch)	84½ * 53⅜	84½ * 53⅜	109¼ * 57⅞
Cabinet Size	W*D*H (inch)	88⅜ * 58⅞ * 48¾	88⅜ * 58⅞ * 48¾	115⅞ * 63⅜ * 49⅜
Loading Quantity (40HQ)	Units	14	14	8

*Product in development; data subject to actual production.

Profit Series		20 Ton	25 Ton	30 Ton
Type		AC	AC	AC
Cooling	Btu/h	240000	282000	332000
	EER	/	/	/
	SEER2/IEER	16	18.3	17
Indoor Motor	Quantity	1	2	2
	Type	DC/Direct	DC/Direct	DC/Direct
	External Static Pressure (ESP) Pa	0~350	0~350	0~350
	Diameter(mm)	630	560	560
	Nominal CFM	8000	10000	12000
	Horsepower	4.8	3.4	3.4
Filter Size	in	/	/	/
Drain Size	NPT	3/4"	3/4"	3/4"
Outdoor Motor	Quantity	1	2	2
	Type	DC/Direct	DC/Direct	DC/Direct
	Fan Material	Metal	Metal	Metal
	Horsepower	2	1.25	1.25
	Blade Diameter/in.	35	30	30
Refrigerant Control		EEV	EEV	EEV
Compressor	Quantity	2	2	2
	Type	Scroll/Inverter	Scroll/Inverter	Scroll/Inverter
Evaporator		Cu/Al	Cu/Al	Cu/Al
Condensor		Cu/Al	Cu/Al	Cu/Al
Voltage-Phase-Frequency	208/230-3-60	•	•	—
	460-3-60	•	•	•
	575-3-60	—	—	—
Footprint Dimension	W*D(inch)	109¼ * 57⅞	135⅝ * 80⅝	135⅝ * 80⅝
Cabinet Size	W*D*H (inch)	115⅞ * 63⅜ * 49⅜	114½ * 86⅜ * 65	114½ * 86⅜ * 65
Loading Quantity (40HQ)	Units	8	3	3

*Product in development; data subject to actual production.

Profit Premium

Profit Series		7.5 Ton	10 Ton	15 Ton
Type		AC	AC	AC
Cooling	Btu/h	89000	114000	174000
	EER	11.6	11.6	11.3
	SEER2/IEER	19	19	19
Indoor Motor	Quantity	1	1	1
	Type	DC/Direct	DC/Direct	DC/Direct
	External Static Pressure (ESP) Pa	0~500	0~500	0~500
	Diameter(mm)	560	560	630
	Nominal CFM	3100	4000	5000
	Horsepower	3.0	3.0	4.8
Filter Size	in	20*20*2	20*20*2	/
Drain Size	NPT	3/4"	3/4"	3/4"
Outdoor Motor	Quantity	1	1	1
	Type	DC/Direct	DC/Direct	DC/Direct
	Fan Material	Metal	Metal	Metal
	Horsepower	1.25	1.25	2
	Blade Diameter/in.	30	30	25
Refrigerant Control		EEV	EEV	EEV
Compressor	Quantity	1	1	2
	Type	Rotary/Inverter	Scroll/Inverter	Rotary/Inverter
Evaporator		Cu/Al	Cu/Al	Cu/Al
Condensor		Cu/Al	Cu/Al	Cu/Al
Voltage-Phase-Frequency	208/230-3-60	•	•	•
	460-3-60	•	•	•
	575-3-60	—	—	—
Footprint Dimension	W*D(inch)	84½ * 53⅜	84½ * 53⅜	109¼ * 57⅞
Cabinet Size	W*D*H (inch)	88⅜ * 58⅞ * 48¾	88⅜ * 58⅞ * 48¾	115⅞ * 63⅜ * 49⅜
Loading Quantity (40HQ)	Units	14	14	6

*Product in development; data subject to actual production.

Profit Series		20 Ton	25 Ton	30 Ton
Type		AC	AC	AC
Cooling	Btu/h	240000	282000	332000
	EER	10.7	10.7	10.7
	SEER2/IEER	18.3	18.3	17
Indoor Motor	Quantity	2	2	2
	Type	DC/Direct	DC/Direct	DC/Direct
	External Static Pressure (ESP) Pa	0~500	0~500	0~500
	Diameter(mm)	630	560	560
	Nominal CFM	8000	10000	12000
	Horsepower	4.8	3.4	3.4
Filter Size	in	/	/	/
Drain Size	NPT	3/4"	3/4"	3/4"
Outdoor Motor	Quantity	1	2	2
	Type	DC/Direct	DC/Direct	DC/Direct
	Fan Material	Metal	Metal	Metal
	Horsepower	2	1.25	1.25
	Blade Diameter/in.	35	30.5	30.5
Refrigerant Control		EEV	EEV	EEV
Compressor	Quantity	2	2	2
	Type	Scroll/Inverter	Scroll/Inverter	Scroll/Inverter
Evaporator		Cu/Al	Cu/Al	Cu/Al
Condensor		Cu/Al	Cu/Al	Cu/Al
Voltage-Phase-Frequency	208/230-3-60	•	•	•
	460-3-60	•	•	•
	575-3-60	—	—	—
Footprint Dimension	W*D(inch)	109¼ * 57⅞	135⅝ * 80⅝	135⅝ * 80⅝
Cabinet Size	W*D*H (inch)	115⅞ * 63⅜ * 49⅜	114½ * 86⅜ * 65	114½ * 86⅜ * 65
Loading Quantity (40HQ)	Units	6	3	3

*Product in development; data subject to actual production.