




Menergy's products, Your Install Confidence

To create an environment that's ideal for people to live and work in, you need something that's both extraordinarily innovative and exceptionally reliable. You need something that gives you confidence. So why would you install anything but Menergy ?

Modular Version Air Cooled Water Chiller & Heat Pump

W01R1-68 ÷ W01R1-200

 Cooling capacity range: 68.0kW ÷ 200.0kW Heating capacity range: 72.5kW ÷ 215kW

Evaporator: shell and tube

Compressor: scroll type

Refrigerant: R410A, R407c, R22



Product Features:

- * Using modular networking technology, the operation of individual modules can be coordinated according demand.
- * V-shaped air-side heat exchangers and unique exchanger protection technology (patent ZL 2010 2 0243062.2) increases heat exchange efficiency to 30% above that of conventional heat exchangers.
- * Hydrophilic and corrosion-resistant material ensures adaptability to poor weather.
- * Advanced hermetic scroll compressor high-efficiency, low-noise, and low-vibration operation.
- * Remote monitoring and control features enable the unit's operational schedule to be set via internet or phone.
- * Standalone subsystems enable maintenance of individual subsystems without affecting the continued operation of the rest.
- * Heat recycling function provides free hot water using heat removed from room during cooling.

Notes: 1. Built-in hydronic kits version (water pump, expansion tank, water tank, etc.) is available
2. Partial heat recovery for domestic hot water is available
3. The machine mentioned above is standard unit, customized product is available.

Screw Compressor Air Cooled Water Chiller & Heat Pump

W01R1-200S ÷ W01R1-1500S

❄️ Cooling capacity range: 200.0kW ÷ 1510.0kW

🔥 Heating capacity range: 220.0kW ÷ 1684.0kW

Evaporator: shell and tube

Compressor: screw type

Refrigerant: R134a,R407c, R22

Features:

- * Low Operation Cost
- * Simple & Rational Design
- * Low Vibration and Noise
- * High Efficiency
- * Intelligent Control,Energy Saving


Notes:


- 1.The machine mentioned above is standard unit,customized product is available.



Monoblock Air Cooled Chiller & Heat Pump

W01R1-8 ÷ W01R1-40

 Cooling capacity range: 7.8kW ÷ 40.0kW

 Heating capacity range: 8.6kW ÷ 42.0kW

Refrigerant: R410A,R407c, R22

Product Features:


- * Self diagnosis Auto defrost function
- * Inner-grooved copper tube
- * Low noise design,Various protective function
- * World famous brand compressors
- * Cable / Remote controller option,High efficient, low running cost.
- * Easy installation and maintenance

Notes: 1.Built-in hydronic kits version(water pump,expansion tank,water tank,etc.) is available
2.Partial heat recovery and total heat recovery for domestic hot water is available
3.The machine mentioned above is standard unit,customized product is available.



DC Inverter Air Cooled Chiller & Heat Pump

W01R1-8I ÷ W01R1-80I

 Cooling capacity range: 8.2kW ÷ 81.2kW Heating capacity range: 9.3kW ÷ 85.7kW

Refrigerant: R410A,R407c, R22

Product Features:


- * Self diagnosis Auto defrost function
- * Inner-grooved copper tube
- * Low noise design,Various protective function
- * World famous brand compressors
- * Cable / Remote controller option,High efficient, low running cost.
- * Easy installation and maintenance




- Notes:
- 1.Built-in hydronic kits version(water pump,expansion tank,water tank,etc.) is available
 - 2.Partial heat recovery and total heat recovery for domestic hot water is available
 - 3.The machine mentioned above is standard unit,customized product is available.

DC Inverter Packaged Heat Pump

W01R1-2PT ÷ W01R1-35PT

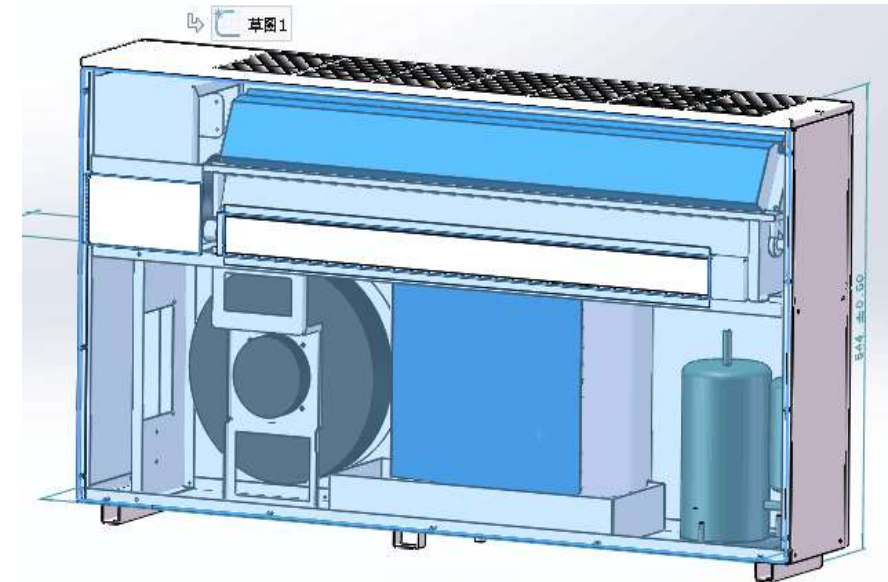
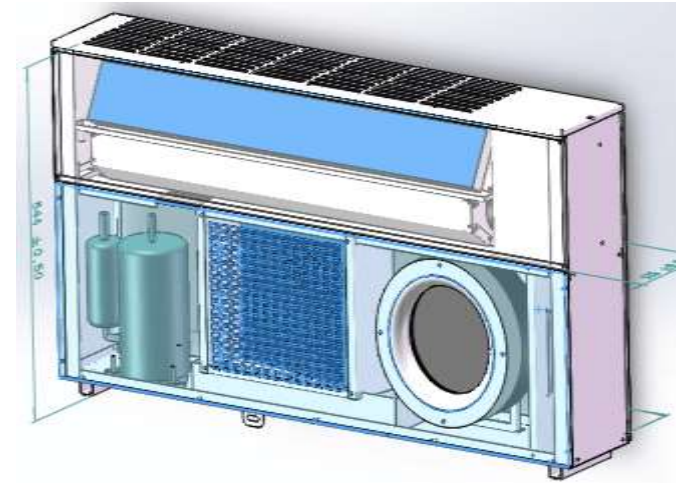
 Cooling capacity range: 7000Btu/h ÷ 12000Btu/h

 Heating capacity range: 7200Btu/h ÷ 12400Btu/h

Refrigerant: R410A



Product Features:

- * Self diagnosis Auto defrost function
- * Inner-grooved copper tube
- * Low noise design, Various protective function
- * World famous brand compressors
- * Easy installation and maintenance.
- * Cable / Remote controller option, High efficient, low running cost.
- * The machine mentioned above is standard unit, customized product is available.



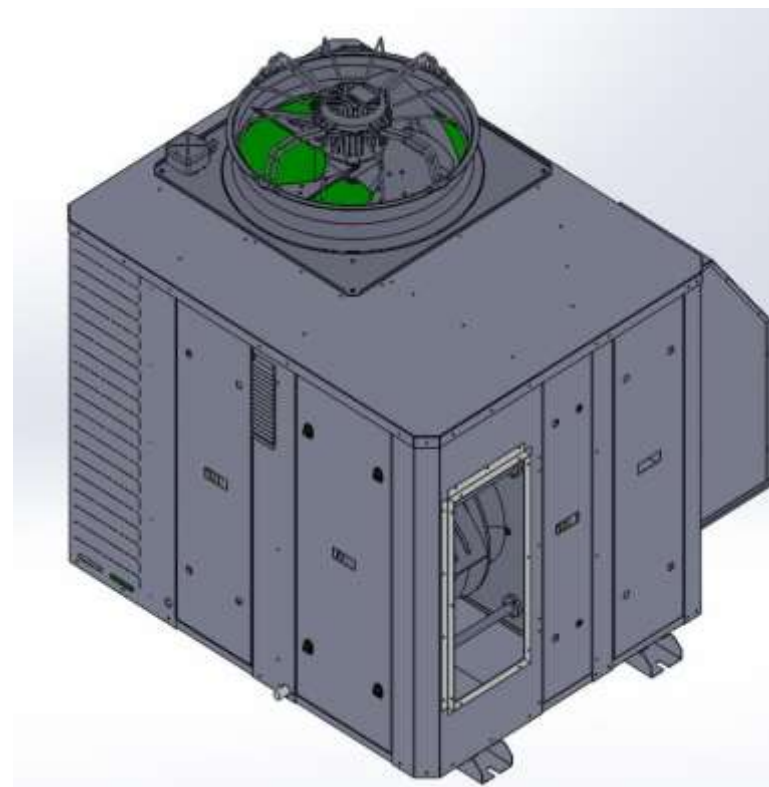
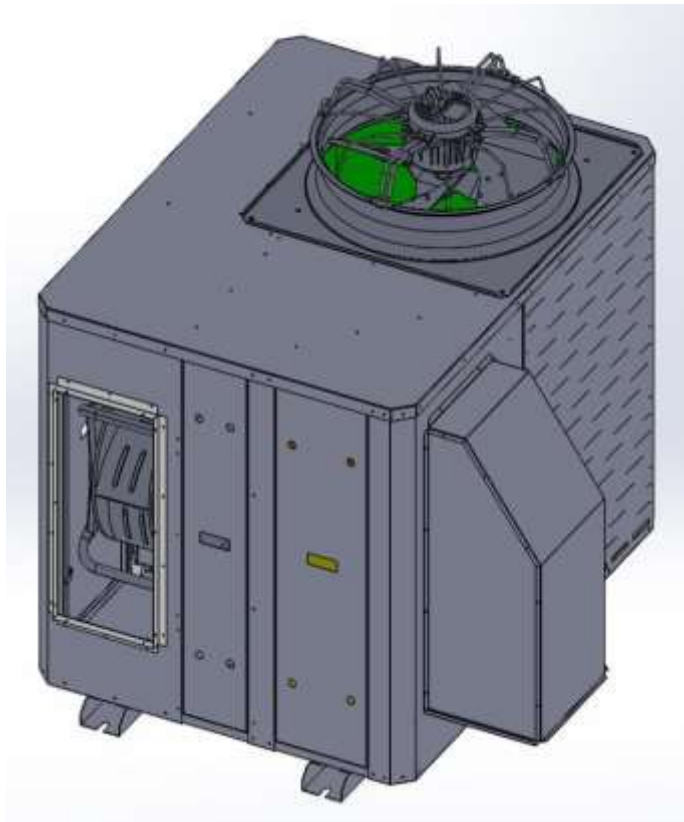
Packaged Rooftop A/C Unit

W05R1-10R ÷ W05R1-352R

 Cooling capacity range: 10.5kW ÷ 352.0kW Heating capacity range: 11.2kW ÷ 390.7kW



Refrigerant: R410A, R407c, R22

Our packaged rooftop units were designed to be easy to install, maintain, and operate, with customer-requested features including a gage port, centralized control center, plug-and-play accessory board, "no-strip screw" collars, and handled access panels. Units are field-convertible to horizontal airflow without special adapter curbs or kits, making it easy for the installer to adjust to unexpected jobsite complications. Units are pre-wired and pre-charged with environmentally (R-410A) refrigerant and are factory tested. our packaged rooftop unit applicability is wide and used in shopping malls, hotels, factories, villas, commercial housing, office buildings, shops, hospitals and other places.



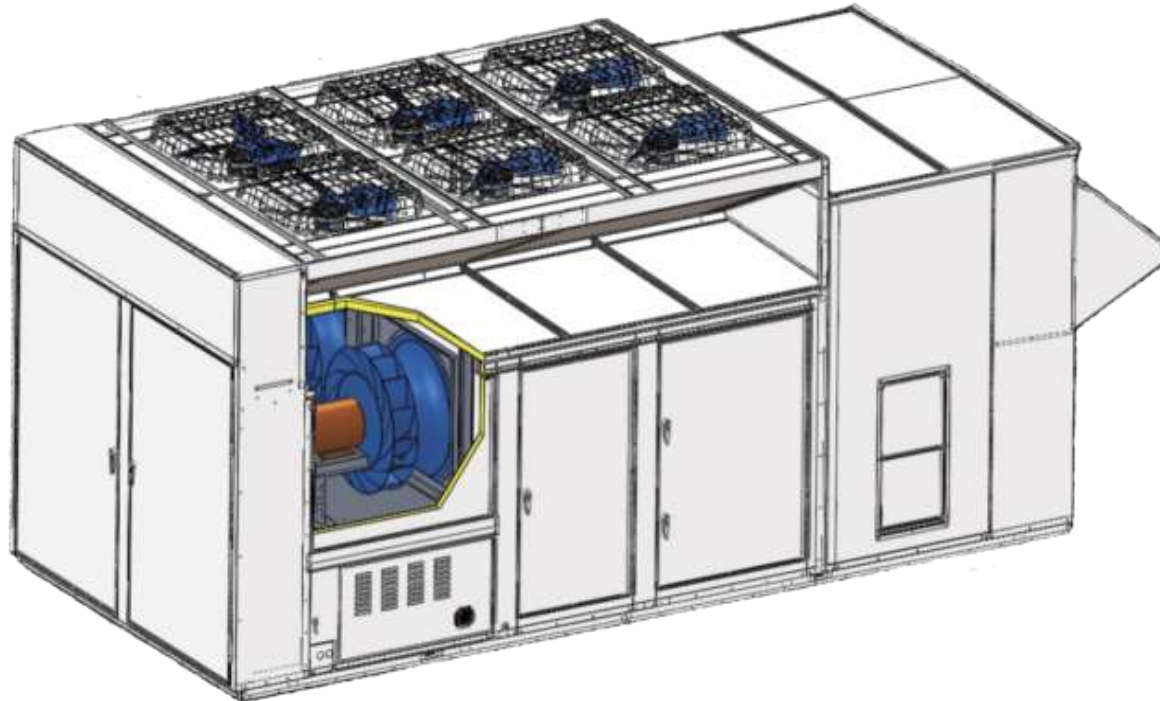
DC Inverter 100% Fresh Air Packaged Rooftop Unit

W05R1-10RFI ÷ W05R1-528RFI

 Cooling capacity range: 10.6kW ÷ 528.0kW Heating capacity range: 11.8kW ÷ 591.1kW



Refrigerant: R410A, R407c, R22

Our DC Inverter packaged rooftop units were designed to be easy to install, maintain, and operate, with customer-requested features including a gage port, centralized control center, plug-and-play accessory board, "no-strip screw" collars, and handled access panels. Units are field-convertible to horizontal airflow without special adapter curbs or kits, making it easy for the installer to adjust to unexpected jobsite complications. Units are pre-wired and pre-charged with environmentally (R-410A) refrigerant and are factory tested. our packaged rooftop unit applicability is wide and used in shopping malls, hotels, factories, villas, commercial housing, office buildings, shops, hospitals and other places.



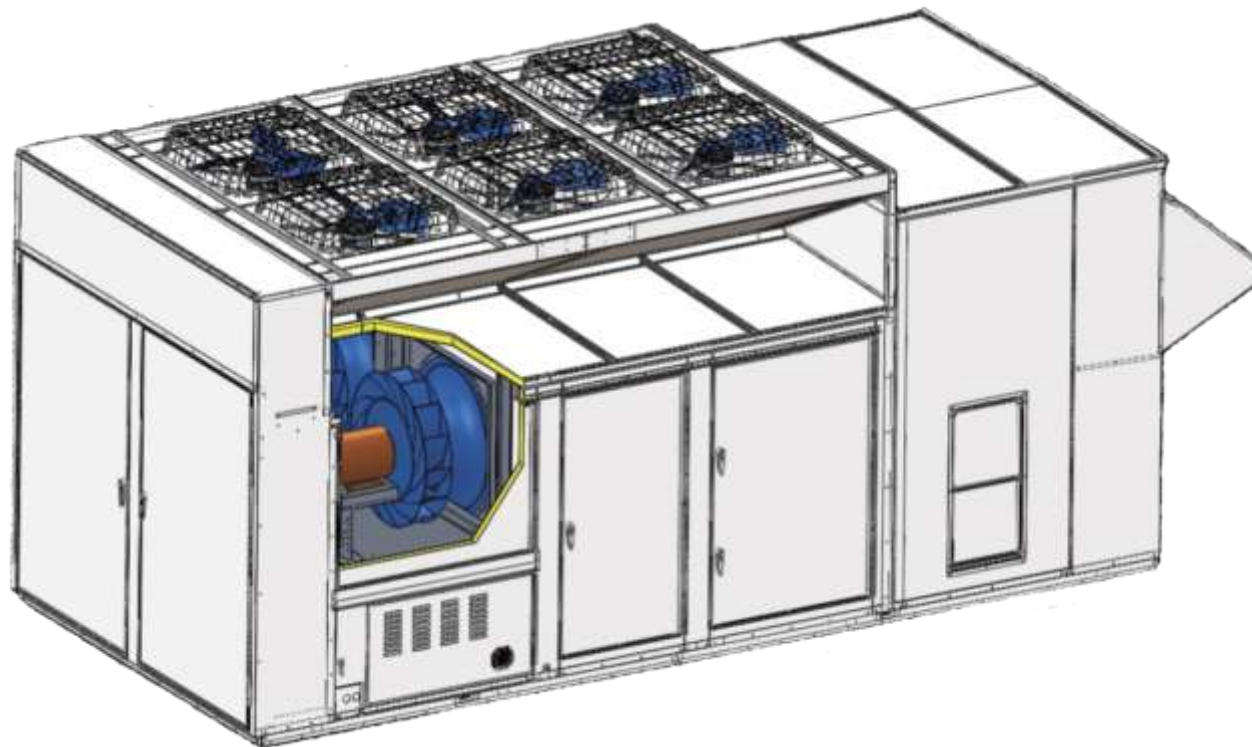
Super-efficient Rooftop Unit with Inverter Compressor & EC motor

W05R1-67RFA ÷ W05R1-840RFA

 Cooling capacity range: 67.0kW ÷ 840.0kW Heating capacity range: 77.0kW ÷ 966.0kW

Refrigerant: R410A, R407c, R22


Our DC Inverter packaged rooftop units were designed to be easy to install, maintain, and operate, with customer-requested features including a gage port, centralized control center, plug-and-play accessory board, "no-strip screw" collars, and handled access panels. Units are field-convertible to horizontal airflow without special adapter curbs or kits, making it easy for the installer to adjust to unexpected jobsite complications. Units are pre-wired and pre-charged with environmentally (R-410A) refrigerant and are factory tested. Our packaged rooftop unit applicability is wide and used in shopping malls, hotels, factories, villas, commercial housing, office buildings, shops, hospitals and other places.



Dedicated Outdoor Air System (heat recovery & fresh air)

W05R1-4RFHI ÷ W05R1-135RFHO

 Cooling capacity range: 3.8kW ÷ 135.3kW

 Heating capacity range: 4.1kW ÷ 132.0kW

Refrigerant: R410A, R407c, R22



Improve indoor air quality with a DOAS providing the ventilation, heat recovery and dehumidification that your system needs.

Our Integrated Outdoor Air System combines a dedicated outdoor air system (DOAS) with chilled-water, sensible-cooling terminal units to deliver a flexible, energy efficient solution to provide comfortable spaces and simplify maintenance.

DOAS are designed to provide ventilation for the most demanding applications. All series 100% outdoor air units feature high capacity DX coils and efficient scroll compressors, making them ideal for schools, hotels, offices and other buildings that require efficient and reliable ventilation. A DOAS is a special HVAC system in which its purpose is to treat outside air for ventilation of air in a space or to an ancillary cooling and heating system. A common application is for the use of exclusively treating outside air in order to achieve a high indoor air quality. Poor indoor air quality can lead to negative impacts on the building occupants, indoor components, and overall condition of the building.

Our DOAS is a factory-assembled packaged unit that can operate within a broad range of ambient conditions and introduce ventilation air into a building at neutral conditions. The unit can be configured to utilize straight cooling, gas/electric/hot water heating, or an air/water source heat pump. It consists of matched refrigeration and air moving components (system controls, compressor(s), evaporator section, condensing section and fan(s)) designed to cool, heat, and/or dehumidify 100% outside air and/or mixed air. The unit may be provided with several different options and controls to meet various application requirements including optional hot gas reheat and liquid subcooling, energy recovery wheel, and supplemental heat (gas, electric, or hot water) with variable air volume delivery.

Wall Mounted Split Air Conditioners

Model	Indoor capacity
WFR-26GW	9,000Btu/h
WFR-35GW	12,000Btu/h
WFR-50GW	18,000Btu/h
WFR-70GW	24,000Btu/h

Optional refrigerant: R410A, R407c, R22



Product Features:

- * One outdoor connect wall type two indoors, three indoors, four indoors.
- * Microcomputer intelligent control, LCD display remote controller and user-friendly operation.
- * Freely switch to cooling mode or heating mode by water system or refrigerant system.

Portable Air Conditioners

Model	Capacity
WKY-26	9,000Btu/h
WKY-35	12,000Btu/h

Optional refrigerant: R410A, R407c



Floor Standing Air Conditioners

Model	Capacity
WFR-50LW	18,000Btu/h
WFR-70LW	24,000Btu/h
WFR-100LW	36,000Btu/h
WFR-120GW	42,000Btu/h
WFR-280GW	96,000Btu/h

Optional refrigerant: R410A, R407c, R22



Ceiling Cassette Air Conditioners

Model	Capacity
WFR-26GW	9,000Btu/h
WFR-35GW	12,000Btu/h
WFR-50GW	18,000Btu/h

Optional refrigerant: R410A, R407c, R22



Multi Split Air Conditioners

Model	Indoor capacity
WFR-26S+35S	9,000Btu/h+12,000Btu/h
WFR-26*3	9,000Btu/h+9,000Btu/h+9,000Btu/h
WFR-26S*2+35S	9,000Btu/h+9,000Btu/h+12,000Btu/h
WFR-35S*3	12,000Btu/h+12,000Btu/h+12,000Btu/h
WFR-26S*4	9,000Btu/h+9,000Btu/h+9,000Btu/h+9,000Btu/h
WFR-35S*4	12,000Btu/h+12,000Btu/h+12,000Btu/h+12,000Btu/h
WFR-50S*4	18,000Btu/h+18,000Btu/h+18,000Btu/h+18,000Btu/h
WFR-70S*4	24,000Btu/h+24,000Btu/h+24,000Btu/h+24,000Btu/h

Optional refrigerant: R410A, R407c, R22

Product Features:

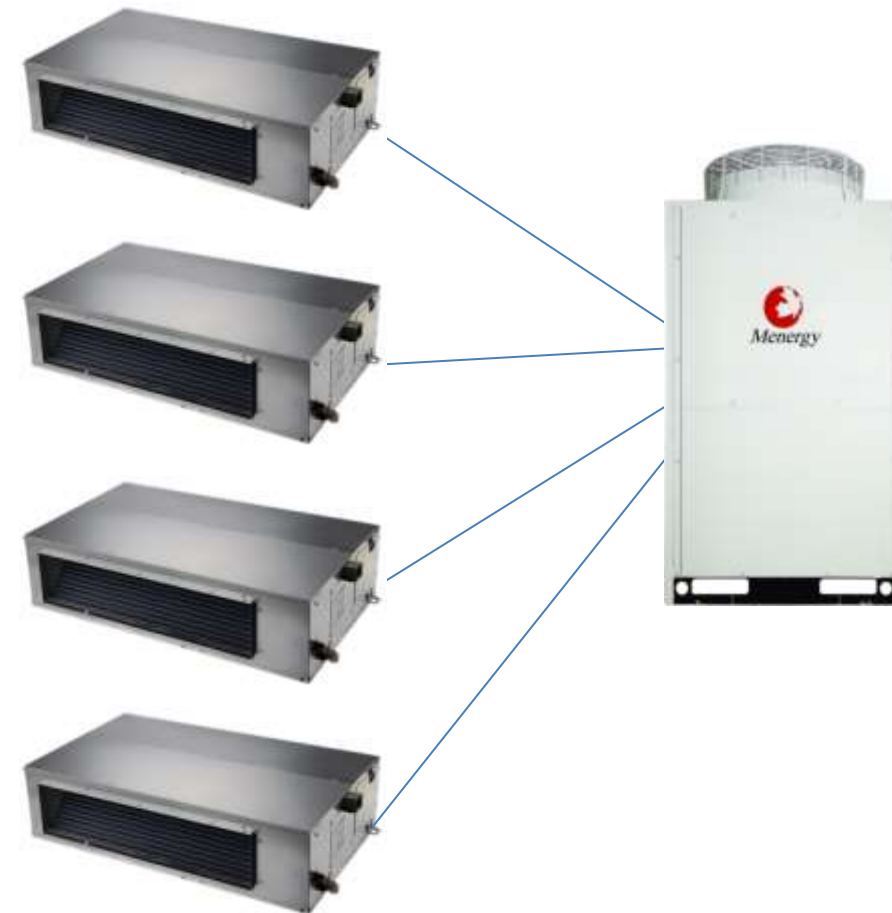
- * One outdoor connect wall type two indoors,three indoors,four indoor:
- * Microcomputer intelligent control, LCD display remote controller and user-friendly operation.
- * Freely switch to cooling mode or heating mode by water system or refrigerant system.



Multi Split DX Heat Pump Air Conditioners (Indoor Unit with Hot Water Coils as option)

Model	Indoor capacity
WFR-26F+35F	9,000Btu/h+12,000Btu/h
WFR-26F*3	9,000Btu/h+9,000Btu/h+9,000Btu/h
WFR-26F*2+35F	9,000Btu/h+9,000Btu/h+12,000Btu/h
WFR-35F*3	12,000Btu/h+12,000Btu/h+12,000Btu/h
WFR-26F*4	9,000Btu/h+9,000Btu/h+9,000Btu/h+9,000Btu/h
WFR-35F*4	12,000Btu/h+12,000Btu/h+12,000Btu/h+12,000Btu/h
WFR-50F*4	18,000Btu/h+18,000Btu/h+18,000Btu/h+18,000Btu/h
WFR-70F*4	24,000Btu/h+24,000Btu/h+24,000Btu/h+24,000Btu/h

Optional refrigerant: R410A, R407c, R22




Product Features:

- * One outdoor connect wall type two indoors, three indoors, four indoors.
- * Microcomputer intelligent control, LCD display remote controller and user-friendly operation.
- * Freely switch to cooling mode or heating mode by water system or refrigerant system.

Duct Split Air Conditioners

W01R2-8P(T) ÷ W01R2-130P(T)

 Cooling capacity range: 5.3kW ÷ 17.6kW Heating capacity range: 5.8kW ÷ 18.5kW

DC Inverter compressor for option

Optional refrigerant: R410A, R407c, R22



Ductable Split Air Conditioning systems offer superior performance, energy-efficiency, and comfort in stylish solutions conforming to all interior spaces and lifestyles.

Temperature control by inverter compressor, Indoor units operate quietly to meet individual temperature set points for each zone. Variable-speed compressors with wide capacity and precise modulation help maintain the temperature within a narrow range. Our ductable split air conditioning involve a range of 6 models, with heating and cooling capacity among 1.5TR and 5.0TR, which allow to create "customized" solution, matching the different installations requests.

Commercial Use Air Source Heat Pump Water Heater(Air to Water)

W01R1-11WH ÷ W01R1-85WH

- ☀ Heating capacity range: 11.3kW ÷ 85.0kW
- Evaporator: tube in tube & shell and tube
- Compressor: scroll type
- Refrigerant: R410A, R407c, R22

The highest outlet water temperature reach 55°C



Product Features:

- * High efficiency heat exchangers and unique exchanger protection technology (patent ZL 2010 2 0243062.2) increases heat exchange efficiency to 30% above that of conventional heat exchangers.
- * Using modular networking technology, the operation of individual modules can be coordinated according demand.
- * Hydrophilic and corrosion-resistant material ensures adaptability to poor weather.
- * Uses advanced hermetic scroll compressor high-efficiency, low-noise, and low-vibration operation.
- * Compressor with air-supplying enthalpy-adding device, it can effectively improve heat capacity,
- * Remote monitoring and control features enable the unit's operational schedule to be set via internet or phone.
- * Standalone subsystems enable maintenance of individual subsystems without affecting the continued operation of the rest.

Note: 1. The machine mentioned above is standard unit, customized product is available.

2. Built-in hydronic kits version (water pump, expansion tank, water tank, etc.) is available

DC Inverter Air Source Heat Pump Water Heater(Air to Water)

W01R1-12IWH ÷ W01R1-36IWH

- ☀ Heating capacity range: 12.0kW ÷ 36.8kW
- Evaporator: tube in tube & shell and tube
- Compressor: scroll type
- Refrigerant: R410A, R407c, R22

The highest outlet water temperature reach 55°C~90°C



Product Features:

- * High efficiency heat exchangers and unique exchanger protection technology (patent ZL 2010 2 0243062.2) increases heat exchange efficiency to 30% above that of conventional heat exchangers.
- * Using modular networking technology, the operation of individual modules can be coordinated according demand.
- * Hydrophilic and corrosion-resistant material ensures adaptability to poor weather.
- * Uses advanced hermetic scroll compressor high-efficiency, low-noise, and low-vibration operation.
- * Compressor with air-supplying enthalpy-adding device, it can effectively improve heat capacity,
- * Remote monitoring and control features enable the unit's operational schedule to be set via internet or phone.
- * Standalone subsystems enable maintenance of individual subsystems without affecting the continued operation of the rest.

Note: 1. The machine mentioned above is standard unit, customized product is available.

2. Built-in hydronic kits version (water pump, expansion tank, water tank, etc.) is available

Water to Water Heat Pumps (Modular Version)

W01R2-8P(T) ÷ W01R2-130P(T)

 Cooling capacity range: 7.9kW ÷ 131.5kW

 Heating capacity range: 8.9kW ÷ 152.6kW

Heat exchanger: plate type, coaxial tube-in-tube & shell and tube

Optional refrigerant: R410A, R407c, R134a, R22

Product Features:

- * Plate type heat exchanger for better heat exchange performance, reliable quality.
- * Large diameter coaxial tube-in-tube heat exchanger for high performance, reliability, and resistance to freezing.
- * Multi-systems design and balance wear technology, small impact power grid and long service life.
- * Modular networking technology, flexible combination, you can increase or reduce the numbers of units according to the demand load.
- * Microcomputer intelligent control, LCD display panel and user-friendly operation.
- * Remote monitoring and control features enable the unit's operational schedule to be set via internet or phone.
- * Unique shock absorption technology for compressor (patent No. ZL202020243049.7), and built-in the latest damping material and super low noise.
- * Heat recovery function, freely supply hot water in cooling mode.
- * Unique movable control cabinet patent technology (patent NO. ZL 2010 2 0243025.1), easy to install, commission and maintain.

Notes: 1. Built-in hydronic kits version (water pump, expansion tank, water tank, etc.) is available

2. Partial heat recovery and total heat recovery for domestic hot water are available

3. Suitable source: water loop, groundwater, ground loop.

4. The machine mentioned above is standard unit, customized product is available.



Water Source Heat Pumps(Water to Air Version)



Hybrid Heat pump as option (with hot water coils)



Split version (concealed,cassette,wall as of Monoblock version(ceiling horizontal & vertical)

Monoblock version(ceiling & floor)

W01R2-2.6S ÷ W01R2-14.6S



Cooling capacity: 2.6kW ÷ 14.6kW



Heating capacity: 3.0kW ÷ 15.8kW

Heat exchanger: coaxial tube-in-tube

Optional refrigerant: R410A, R407c, R22

W01R2-2.6P ÷ W01R2-17.5P



Cooling capacity: 2.6kW ÷ 17.5kW



Heating capacity: 3.0kW ÷ 19.6kW

Heat exchanger: coaxial tube-in-tube

Optional refrigerant: R410A, R407c, R22



W01R2-21P ÷ W01R2-140P

Cooling capacity: 21.0kW ÷ 140.0kW

Heating capacity: 23.62kW ÷ 162.9kW

Heat exchanger: coaxial tube-in-tube

Optional refrigerant: R410A, R407c, R22

Product Features:

- * Large diameter coaxial shell-and-tube heat exchanger for high performance, reliability, and resistance to freezing.
- * Unique shock absorption technology for compressor (patent No. ZL202020243049.7), and built-in the latest damping material and super low noise.
- * Microcomputer intelligent control, LCD display panel and user-friendly operation.
- * Humanized parameter design, widely application places: unit's setting temperature, inlet/outlet water temperature control, anti-freezing protection, compressor exhaust temperature other parameters could be adjusted according to site conditions.
- * Unique patent technology of centralized control and remote monitoring (patent No. ZL 2010 2 0243047.8), which can realize centralized control and also be achieved On/Off by internet booking



Notes: 1. The machine mentioned above is standard unit, customized product is available.

2. Suitable source: water loop, groundwater, ground loop.



Multi Split Water Source Heat Pumps

WSR-52WG*2

Indoor capacity:

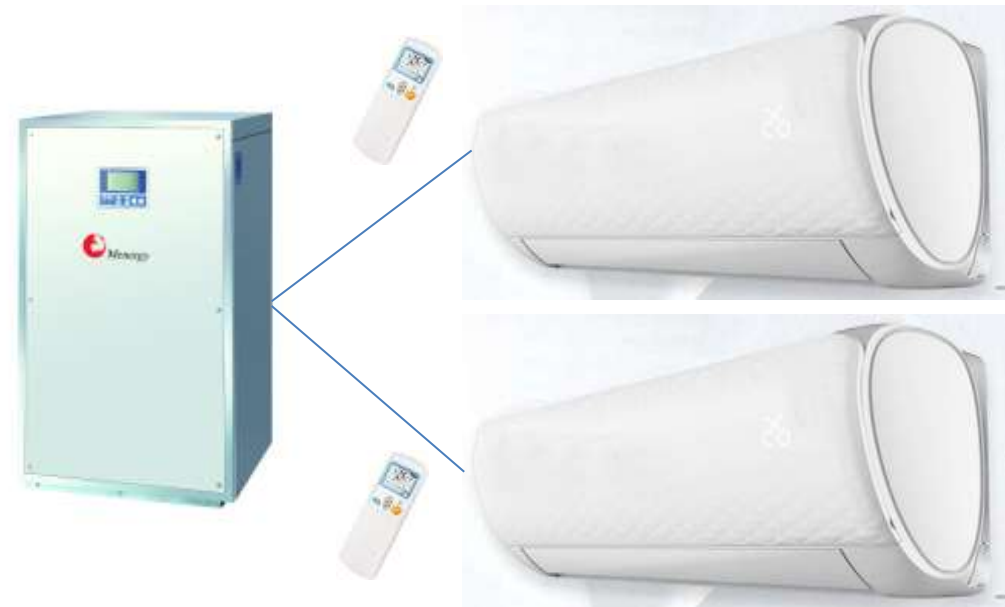
-  Cooling capacity range: 2.75kW + 2.75kW
-  Heating capacity range: 2.80kW + 2.80kW

Outdoor capacity:

-  Cooling capacity range: 5.5kW
-  Heating capacity range: 5.6kW

Compressor: scroll type

Optional refrigerant: R410A ,R407c,R22




Product Features:

- * One outdoor connect wall type two indoors.
- * Microcomputer intelligent control, LCD display panel and user-friendly operation.
- * Remote monitoring function, On/Off by telephone or internet booking.
- * Freely switch to cooling mode or heating mode by water system or refrigerant system.
- * Modular networking technology, flexible combination, increase or reduce the numbers of units according to the demand load.

- Notes:
1. Built-in hydronic kits version (water pump, expansion tank, water tank, etc.) is available
 2. Suitable source: water loop, groundwater, ground loop.
 3. The machine mentioned above is standard unit, customized product is available.

Modular Version Water to Water Source Heat Pumps

W01R2-75M ÷ W01R2-150M

 Cooling capacity range: 75.0kW ÷ 149.0kW Heating capacity range: 82.0kW ÷ 155.0kW

Heat exchanger: shell and tube

Compressor: scroll type

Optional refrigerant: R410A ,R407c,R134a,R22




Product Features:

- * Modular networking technology, flexible combination, increase or reduce the numbers of units according to the demand load.
- * Microcomputer intelligent control, LCD display panel and user-friendly operation.
- * Remote monitoring function, On/Off by telephone or internet booking.
- * Freely switch to cooling mode or heating mode by water system or refrigerant system.
- * 30% heat recovery function

- Notes:
1. Built-in hydronic kits version (water pump, expansion tank, water tank, etc.) is available
 2. Partial heat recovery and total heat recovery for domestic hot water are available
 3. Suitable source: water loop, groundwater, ground loop.
 4. The machine mentioned above is standard unit, customized product is available.

Screw Compressor Water to Water Source Heat Pumps

W01R2-100S1 ÷ W01R2-2800S4

 Cooling capacity range: 116.3kW ÷ 3253.6kW Heating capacity range: 122.7kW ÷ 3492.4kW

Heat exchanger: dry type shell and tube

Compressor: screw type

Optional refrigerant: R134A, R407c, R22




Product Features:


- * Providing multiple-step type (0-25% to 50% & 75% - 100%) or stepless energy adjustment, joint user demand and reduce operation costs.
- * High efficiency and energy-saving evaporator: dry type.
- * PLC programming intelligent control technology, touch-screen and human-machine interface, easy to operate and operating steadily.
- * Digital control technology, make early warning, prevention and necessary protection according to the variable changing trend
- * High efficiency non-symmetric structural evaporator variable return shell & tube condenser
- * Remote monitoring function, On/Off by telephone or internet booking.

- Notes:
1. Partial heat recovery and total heat recovery for domestic hot water are available
 2. Suitable source: water loop, groundwater, ground loop.
 3. The machine mentioned above is standard unit, customized product is available.

High Temperature type Water to Water Source Heat Pumps

W01R2-110S1M ÷ W01R2-2560S4M

 Cooling capacity range: 127.6kW ÷ 2969.6kW

 Heating capacity range: 136.2kW ÷ 3010.4kW

Heat exchanger: dry type shell and tube

Compressor: screw type

Refrigerant: R134a




Product Features:


- * Adopts environmental-friendly refrigerant R134a
- * The highest outlet water temperature reach 45~ 65°C
- * High efficiency non-symmetric structural evaporator variable return shell & tube condenser
- * Providing multiple-step type or stepless energy adjustment, joint user demand and reduce operation costs.
- * PLC programming intelligent control technology, touch-screen and human-machine interface, easy to operate and operating steadily.
- * Digital control technology, make early warning, prevention and necessary protection according to the variable changing trend
- * Remote monitoring function, On/Off by telephone or internet booking.

Notes: 1. Partial heat recovery and total heat recovery for domestic hot water are available
2. Suitable source: water loop, groundwater, ground loop.
3. The machine mentioned above is standard unit, customized product is available.

Monoblock Air Conditioning system for Mushroom, Greenhouse-flowers and vegetables...

W01R2-60L ÷ W01R2-120L

 Cooling capacity range: 90.0kW ÷ 120.0kW

 Heating capacity range: 113.0kW ÷ 160.8kW

Compressor: scroll type

Refrigerant: R410A, R407c, R22



Product Features:

- * Rightly according to this demand of modern agricultural development, Menergy put forward geothermal air-conditioning system which is widely applied in scaled agriculture, meeting the need of all-year-round, all-day and off-season producing.
- * Using underground water or underground pipe, air-conditioning system apply shallow ground heat energy in modern planting.
- * For the steady performance, reliability and low operating cost, it is greatly reputed by customers.
- * Using groundwater, with the simulated designing concept of independent double system, quartic system and other multi-system,
- * Menergy geothermal Agricultural Artificial Environment Air Conditioning system fully takes the demand for temperature, humidity and percentage of CO₂ of Agricultural's growth into consideration.
- * The air temperature, humidity and content of CO₂ is real-time supervised. Via modifying the operating frequency of fan unit, fresh air can be offered, thus to reach the excellent load match.
- * Adopting geothermal energy makes the efficient ratio reaches above 4.0, saving 30% comparing to using air energy;
- * Equipped with hot water coil, groundwater may precool/preheat the air in summer/winter in order to improve the air quality and to effectively save energy by reducing units operation.

Water Cooled Mini Chiller (Modular Version)

W02C2-8P(T) ÷ W02C2-130P(T)



Cooling capacity range: 7.9kW ÷ 131.5kW

Heat exchanger: plate type, coaxial tube-in-tube & shell and tube

Optional refrigerant: R410A, R407c, R134a, R22

**Product Features:**

- * Plate type heat exchanger for better heat exchange performance, reliable quality.
- * Large diameter coaxial tube-in-tube shell-and-tube heat exchanger for high performance, reliability, and resistance to freezing.
- * Multi-systems design and balance wear technology, small impact power grid and long service life.
- * Modular networking technology, flexible combination, you can increase or reduce the numbers of units according to the demand load.
- * Microcomputer intelligent control, LCD display panel and user-friendly operation.
- * Remote monitoring and control features enable the unit's operational schedule to be set via internet or phone.
- * Unique shock absorption technology for compressor (patent No. ZL202020243049.7), and built-in the latest damping material and super low noise.
- * Heat recovery function, freely supply hot water in cooling mode.
- * Unique movable control cabinet patent technology (patent NO. ZL 2010 2 0243025.1), easy to install, commission and maintain.

- Notes:
1. Built-in hydronic kits version (water pump, expansion tank, water tank, etc.) is available
 2. Partial heat recovery and total heat recovery for domestic hot water are available
 3. The machine mentioned above is standard unit, customized product is available.

Modular Version Water Cooled Scroll Chiller

W02C2-75M ÷ W02C2-150M

❄️ Cooling capacity range: 75.0kW ÷ 149.0kW

Heat exchanger: shell and tube

Compressor: scroll type

Optional refrigerant: R410A,R407c,R22



Product Features:

- * Modular networking technology, flexible combination, you can increase or reduce the numbers of units according to the demand load.
- * Microcomputer intelligent control, LCD display panel and user-friendly operation.
- * Remote monitoring function, On/Off by telephone or internet booking.
- * Freely switch to cooling mode or heating mode by water system or refrigerant system.
- * 30% heat recovery function

Notes: 1.Built-in hydronic kits version(water pump,expansion tank,water tank,etc.) is available
2.Partial heat recovery and total heat recovery for domestic hot water are available
3.The machine mentioned above is standard unit,customized product is available.

Screw Compressor Water Cooled Chiller

W02C2-100S1 ÷ W02C2-2800S4

- ❄️ Cooling capacity range: 116.3kW ÷ 3253.6kW
- Heat exchanger: dry type shell and tube
- Compressor: screw type
- Optional refrigerant: R134a, R407c, R22



Product Features:

- * Providing multiple-step type (0-25% to 50% & 75% - 100%) or stepless energy adjustment, joint user demand and reduce operation costs.
- * High efficiency and energy-saving evaporator: dry type.
- * PLC programming intelligent control technology, touch-screen and human-machine interface, easy to operate and operating steadily.
- * Digital control technology, make early warning, prevention and necessary protection according to the variable changing trend
- * High efficiency non-symmetric structural evaporator variable return shell & tube condenser
- * Remote monitoring function, On/Off by telephone or internet booking.

Notes: 1. Partial heat recovery and total heat recovery for domestic hot water are available
2. The machine mentioned above is standard unit, customized product is available.

Monoblock Water Cooled Unit(Water to Air Version)

W02C2-28DY ÷ W02C2-200DY

❄️ Cooling capacity range: 28.0kW ÷ 200.0kW

Refrigerant: R410A, R407c, R22

Compressor: scroll type

Product Features:

1. Energy efficient and durable use
2. Low noise
3. Many systems design, wide capacity control.
4. High efficiency condensor
5. Easy to install
6. Easy operation and complete control.
7. Maintenance convenience



Note: The machine mentioned above is standard unit, customized product is available.

CO2(R744)Heat Pumps with High Temperature (55~90°C hot water)

W01R1-5CO2 ÷ W01R1-140CO2

 Heating capacity range: 4.9kW ÷ 139.7kW


Compressor: Inverter type / Piston t

Refrigerant: CO₂



Water to Water Heat Pumps with High Temperature (68~123°C hot water)

W01R2-200H3 ÷ W01R2-1400H3

 Heating capacity range: 200.00kW ÷ 1400.00kW

Compressor: screw type

Refrigerant: R134a , R245fa



Screw Compressor Water Cooled Water Chiller (A/C & Ice Storage)

W02C2-100S1D ÷ W02C2-1400S2D

❄️ Cooling capacity range: 116.3.0kW ÷ 1626.4kW

Condenser: flooded type shell and tube

Evaporator: dry type shell and tube

Compressor: screw type

Optional refrigerant: R134a, R407c, R22



Our Duplex Status Water Cooled Screw Chiller is are equipped with newly-developed semi-hermetic screw compressors and use dry type or flooded type evaporator, which result in lower noise and lower vibration, reliable long period operation, and installation feasibility on any floor of the building. The units are provide cooling capacity by air conditioning working condition and ice-storage working condition during day and night. Optimized system design and enhanced heat exchange efficiency makes the unit working best under both full load and partial load. Every chiller is fully factory tested and gas charged in the factory before dispatch. It's good choice for hotel, shopping mall, hospital, factory, cinema and other civil architecture air conditioning system. Besides, it is widely used in plastic industry, electroplating industry, food processing, chemical industry and other process cooling applications of modern manufacturing industries which needs a lot of chilled water. Stepless capacities can be customized. The units can be operated with the utmost simplicity.

Medium/Low Temperature Water-Cooled Water Chiller

W02C2-16ML ÷ W02C2-643ML

❄️ Cooling capacity range: 58.2kW ÷ 2261.60kW

Condenser: shell and tube

Evaporator: shell and tube

Compressor: screw type

Refrigerant: R134a,R22



Our the medium and low temperature chiller is based on this year's design of low temperature water-cooled chillers by key technicians of this company. It integrates the advanced technology of products in same category, and is a highly effective, energy saving and environment protecting fifth generation chiller designed and developed by this company. The application of advanced technology promotes the product to an international leading status. The equipment can provide $-45^{\circ}\text{C} \sim 0^{\circ}\text{C}$ medium and low temperatures and a secondary refrigerant that may be applied to any place where there is a demand for varieties of medium and low temperature cold sources. This can assist with the production process of any industry, i.e. pharmaceutical, chemistry, metallurgy, electronic and food, etc., and act as the cold source mainframe of large size refrigerators and ice stadiums.

The heat recovery products can keep water at $50^{\circ}\text{C} \sim 60^{\circ}\text{C}$ and play a role of saving energy.

Chilled Water Duct Concealed Type Fan Coil Unit

Product Features:

- * Hydrophilic aluminum foil improves efficiency and resists corrosion.
- * Highly efficient motor and centrifugal fan ensures low-noise performance.
- * Available in two-pipe and four-pipe configurations.
- * Aesthetic design with high-quality galvanized steel.
- * Proprietary symmetric design allows pipe entrance to be installed on either side of the unit to adapt to building conditions.



2 Rows

W05F-34-2 ÷ W05F-238-2

Air flow range: 400m³/h ÷ 2500m³/h



Cooling capacity range: 1.8kW ÷ 12.6kW



Heating capacity range: 3.4kW ÷ 18.9kW

3 Rows

W05F--3 ÷ W05F-238-3

Air flow range: 400m³/h ÷ 2500m³/h



Cooling capacity range: 1.8kW ÷ 12.6kW



Heating capacity range: 3.4kW ÷ 18.9kW

3+1 Rows

W05F-34-3+1 ÷ W05F-238-3+1

Air flow range: 340m³/h ÷ 2380m³/h



Cooling capacity range: 1.97kW ÷ 12.6kW





Heating capacity range: 1.81kW ÷ 9.45kW

Note: The machine mentioned above is standard unit, customized product is available.
Hot water coils as option.



Chilled Water Ceiling Cassette Type Fan Coil Unit

W05F-35K ÷ W05F-238K

Air flow range: 350m³/h ÷ 2040m³/h Cooling capacity range: 2.0kW ÷ 12.1kW Heating capacity range: 2.8kW ÷ 17.2kW

Chilled Water Floor & Ceiling Suspended Type Fan Coil Unit


W05F-35FC ÷ W05F-238FC

Air flow range: 340m³/h ÷ 2380m³/h Cooling capacity range: 1.8kW ÷ 12.6kW Heating capacity range: 2.7kW ÷ 18.9kW



Note: The machine mentioned above is standard unit, customized product is available.

Chilled Water Universal/Console Type Fan Coil Unit



W05F-35U ÷ W05F-238U

Air flow range: 350m³/h ÷ 2380m³/h Cooling capacity range: 2.15kW ÷ 12.6kW Heating capacity range: 3.46kW ÷ 20.1kW**Chilled Water High Wall Type Fan Coil Unit**

W05-51W ÷ W05-136W

Air flow range: 510m³/h ÷ 1360m³/h Cooling capacity range: 2.7kW ÷ 7.2kW Heating capacity range: 4.5kW ÷ 10.8kW**Chilled Water Floor Standing Type Fan Coil Unit**

W05F-140S ÷ W05F-480FP

Air flow range: 1400m³/h ÷ 4800m³/h Cooling capacity range: 6.36kW ÷ 28.6kW Heating capacity range: 9.55kW ÷ 41.8kW


Note: The machine mentioned above is standard unit, customized product is available.




Variable Air Volume Unit

W05V1.5F ÷ W05V35F

Air flow range: 1500m³/h ÷ 35000m³/h

 Cooling capacity range: 7.9kW ÷ 249.0kW

 Heating capacity range: 14.7kW ÷ 439.0kW

Products Features:

- * Hydrophilic aluminum foil improves efficiency and resists corrosion.
- * High-efficiency, low-noise motor.
- * Flexible structural design allows pipes to be connected on either side
- * 4, 6, and 8-pipe configurations are available to match heating/cooling demand

Note: The machine mentioned above is standard unit, customized product is available.



Air Handling Unit

WZKW(L)020 ÷ WZKW(L)500
Air flow range: 2000m³/h ÷ 50000m³/h

Products Features:

- * Unique patent Structure(patent No.ZL202020243049.7).
- * Perfect sealing structure,low noise
- * Advanced filter options
- * Extensive coil selections
- * Modulus design,convient to assemble.
- * Intelligent control
- * Superior cabinet construction
- * Various functional sections
- * Elegant apperance and good performance of insulation



Note: The machine mentioned above is standard unit,customized product is available.

R&D Center & Manufacturing Center & Testing & Installation & Loading

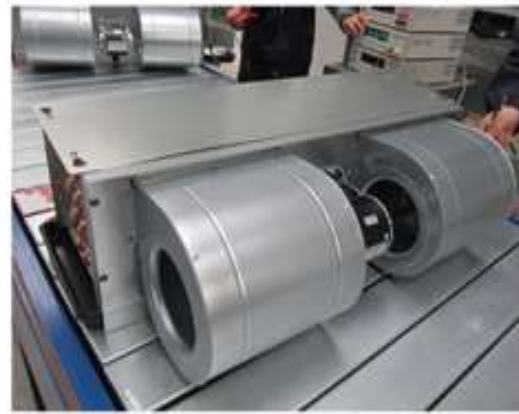
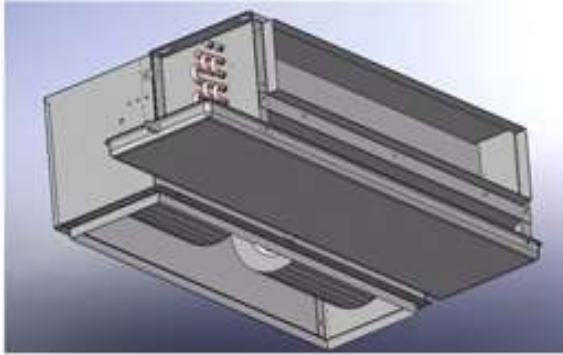








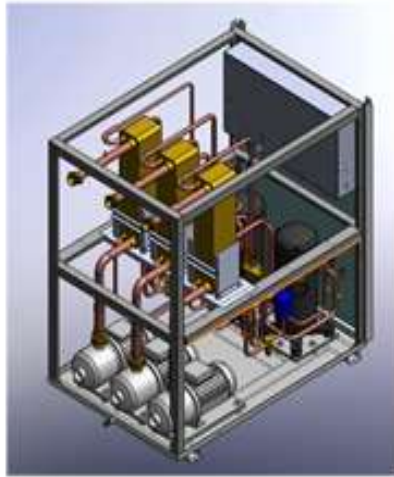
Chilled Water Fan Coil Units Physical Design Online Production, Test, Package, Shipment and Installation



Water Source Heat Pumps Online Production, Test, Package, Shipment and Installation

Water Source Heat Pumps





No.1 Commercial Rooftop AC Units on Production line for TESLA SHANGHAI Gigafactory 3 in China



No.2 Commercial Rooftop AC Units on Production line for TESLA SHANGHAI Gigafactory 3 in China



No.3 Commercial Rooftop AC Units on Production line for TESLA SHANGHAI Gigafactory 3 in China



No.4 Commercial Rooftop AC Units on Production line for TESLA SHANGHAI Gigafactory 3 in China



No.5 Commercial Rooftop AC Units on Production line for TESLA SHANGHAI Gigafactory 3 in China



We, Providing Commercial Rooftop AC Units for TESLA SHANGHAI Gigafactory 3 in China



SUPPLY CHAIN

Strong Cooperation & Creating Good Quality!

1). Compressors



2). Refrigerant accessories



3). Electric parts



Menergy International R&D Center & Manufacturing Center

