

High-tech Enterprise of Jiangsu Province
 Certified Quality/Environment/Occupational Health Management Systems
 Enterprise
 Private Science and Technology Enterprise of Jiangsu Province
 Recognized Enterprise Technology Center of Suzhou
 AAA-rated Contract-abiding and Trustworthy Enterprise
 Member Unit of China Pharmaceutical Equipment Industry Association
 Special Equipment Production License Enterprise of the People's Republic
 of China
 Member of the National Boiler and Pressure Vessel Standardization
 Technical Committee
 Member of the National Heat Exchanger Sub-technical Committee
 Holder of Dozens of National Patent Certificates
 Awarded Over 10 Software Copyright Registration Certificates

QUALIFICATION
HONOR



DIGITIZATION, FINENESS
 PROFESSIONAL MANUFACTURING

数字化、精细化—精益生产

+

SMART MANUFACTURING
 | 智能智造



“智”造时代，工艺决定品质
 Intelligent manufacturing, process determines quality



凝聚匠心 · 高效至美
 Intelligent production, high efficiency and beauty

QUALITY
SAFEGUARD

WE MANUFACTURE IT BY PRECISION WORK
领先装备 · 精工智造



Since its establishment, AMETECH has continuously introduced industry-leading high-end processing equipment, such as welding robots, intelligent plate rolling machines, CNC shearing machines, high-precision water jet cutters, and high-tonnage presses. Unlike traditional manual welding, which is unstable and has a high entry barrier, AMETECH leverages welding robot technology, a professional technical team, and advanced equipment to achieve production automation. This effectively ensures product quality and stability, guaranteeing that products remain stable even in high-temperature and high-pressure environments. This transition from manufacturing to "smart" manufacturing marks a significant advancement for the company.

	 <p>Raw Material Cutting Workshop</p> 
	 <p>Sheet Metal Stamping and Forming Workshop</p> 
	 <p>Drilling, Shearing, and Bending Workshop</p> 
	 <p>Automatic Welding Workshop</p> 

ERP PRODUCTION SYSTEM
| ERP 生产系统

INTELLIGENT AUTOMATIC PRODUCTION LINE
智能化自动生产线 · 走在行业的最前端



The application of the ERP system makes production clear and efficient.

"Craftsmanship determines quality" — AMETECH is committed to the standardization and modularization of intelligent heat exchange units, aiming to achieve large-scale production and more efficient order processing. "Excellence in detail" is our guiding principle. We start small and focus on details, strictly controlling the production process and refining production procedures. By meticulously handling every detail, we achieve the highest level of standardized production. The use of automated production lines and the ERP system reflects our continuous exploration and research, guaranteeing increased production capacity and efficiency.



HEAT EXCHANGER PLATE

Harnessing Intelligence for Future Leadership

We are committed to creating a new environment for users' energy-saving smart manufacturing, providing efficient, safe, green, and convenient Plate Heat Exchanger Series product solutions.

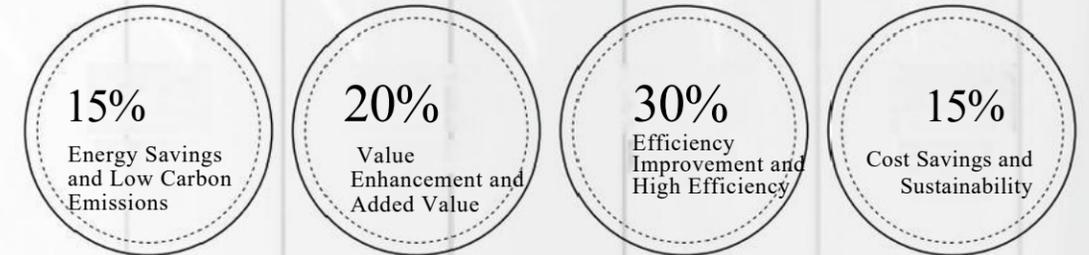
Effective energy utilization and sustainable development broaden the prospects for our products.

Technological Innovation and Excellent Quality

Scientific framework structure: Ensuring precise alignment of plates.

Diverse frame materials: Carbon steel/stainless steel-clad/fully stainless steel.

Multiple choices for interface materials: Carbon steel/stainless steel lining/nitrile rubber/EPDM rubber/Hastelloy/titanium and other alloys.



HEAT EXCHANGER PLATE

Structural Principles

- The Plate Heat Exchanger (PHE) is a novel and efficient heat exchanger composed of numerous metal corrugated plates as heat transfer elements. It is assembled by suspending the upper beam, positioning the lower guide rod, and fixing with clamping bolts, with each pair of plates sealed by gaskets.

- After the plates are assembled, different cold and hot media flow through the corrugated channels on both sides of each plate. Due to the special channel design, strong turbulence is generated, increasing heat exchange efficiency. The presence of turbulence prevents fouling on the plate surface. The corrugated peaks of adjacent plates contact each other to form a mesh support, greatly enhancing the structural strength of the plates. They can withstand high pressures, ensuring the safety of the heat exchanger and prolonging the equipment's service life.



Technical Standards and Quality Assurance System

- American ASME
- German TUV
- Japanese JIS
- Chinese NB/T47004
- American 3A Sanitary Standards
- ISO9001/14001/18001

Customizable Materials According to Requirements

Plate Material	Material type	Applicable occasions
Acid and heat resistant stainless steel	304/304L/316L/317L	Clean water, river water, edible oil, mineral oil, acidic and alkaline media and more serious corrosive occasions (not suitable for chlorine ion occasions).
Industrial Titanium	TA1	River water, salt water, seawater, occasions with chloride ions
Hastelloy	Hastelloy C-276	concentrated sulfuric acid, hydrochloric acid, phosphoric acid, strong oxidative media and other occasions
Nickel-based alloy	N6	High temperature, high concentration of caustic soda and chloride corrosion occasions
Super Stainless Steel	254SMo/904L	Organic solvents, intergranular corrosion, chloride ion corrosion occasions

Gasket Material	Operating temperature (°C)	Applicable occasions
丁腈橡胶(NBR)	-20~120	Water and aqueous solutions; fats; vegetable oils; mineral oils; ethanol; ethylene glycol Refrigerants containing alkylbenzene; compressor lubricants containing cycloalkylene glycol
氯丁橡胶(Neoprene)	-20~125	Water, Freon and other general weak acid and alkali corrosion occasions
三元乙丙橡胶(EPDM)	-35~150	High-temperature hot water and steam; various chemicals; weak bases; weak acids
氟橡胶(Viton/FPM)	-5~180	High concentration of inorganic acid, hot water and steam, high temperature mineral oil
硅橡胶(Silicone rubber)	-50~180	Suitable for general high-temperature media, some corrosive media also have a certain degree of corrosion resistance



HEAT EXCHANGER PLATE

Distinctive Advantages

Advanced Plate Design

AMETECH introduces advanced technology and design concepts, with reliability and optimal operational performance as the core focus, maximizing heat exchange efficiency and reducing energy consumption loss.

- Multi-angle Channel Combination—Based on different flow rates and heat exchange amounts.
- Wide-Narrow Combination—Based on different medium characteristics and operating conditions.
- Deep-Shallow Combination—Based on different medium characteristics and operating conditions.
- Soft-Hard Combination—Utilizing soft-hard plate combination technology to enhance heat transfer efficiency while ensuring the strength of the heat exchanger.
- Long-Short Combination—Each heat exchanger caliber has three or more height dimensions, facilitating equipment layout for customers.
- Asymmetric Combination—Implementing asymmetric channels based on differences in temperature and flow rates between primary and secondary media, ensuring stable flow rates between plates and improving heat exchange effectiveness.

Appropriate Plate Material and Thickness

AMETECH utilizes stainless steel plates with a thickness of 0.5~0.7mm across all series. Depending on operating conditions and medium characteristics, we select metal materials and thicknesses that match the medium. The maximum safe pressure capacity is 30Bar. Excellent mechanical strength prevents plate displacement under high pressure. When hard particles in the fluid cause friction with the plates, the anti-puncture capability of the plates is effectively improved.

Reliable Positioning System

Our plates adopt a counter-symmetrical structure, rotating 180 degrees to correspond to adjacent plates. The four-corner self-locking positioning structure and five-point hanging positioning structure of the plates simplify disassembly and maintenance operations of the heat exchanger. Only one person using conventional, commonly available tools can perform equipment installation, removal, and maintenance tasks on-site.

High-Quality Lining

To ensure closed stainless steel heat exchange channels inside the heat exchanger and prevent contamination by other interface materials, AMETECH exclusively uses stainless steel linings. Compared to traditional rubber linings, stainless steel linings have a longer lifespan and are safer to use.

Non-adhesive Gaskets

AMETECH adopts a snap-on gasket mounting method, with all rubber gaskets molded in one piece using imported raw materials, ensuring product quality and lifespan. This method is convenient for use and maintenance and saves significant operating and maintenance costs.

Advanced Processing Technology

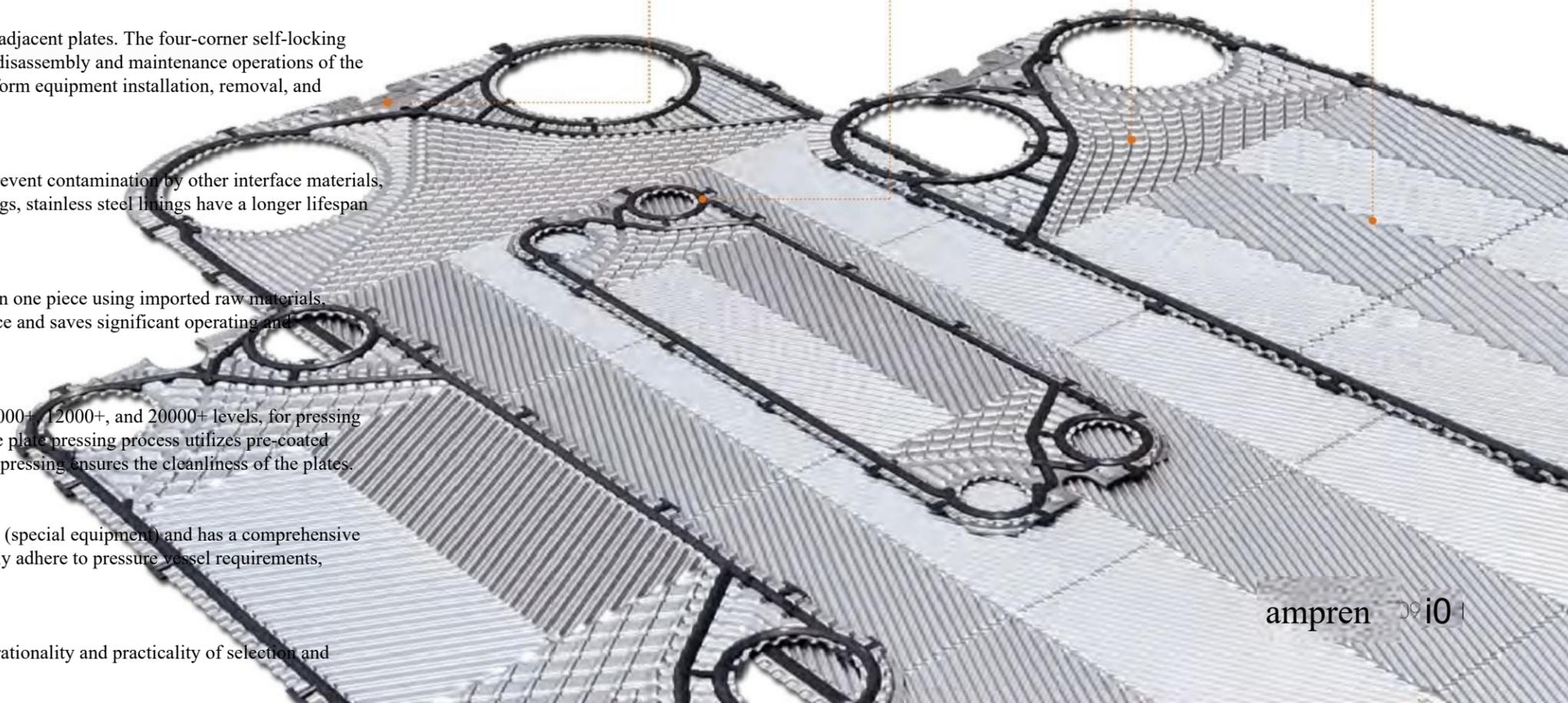
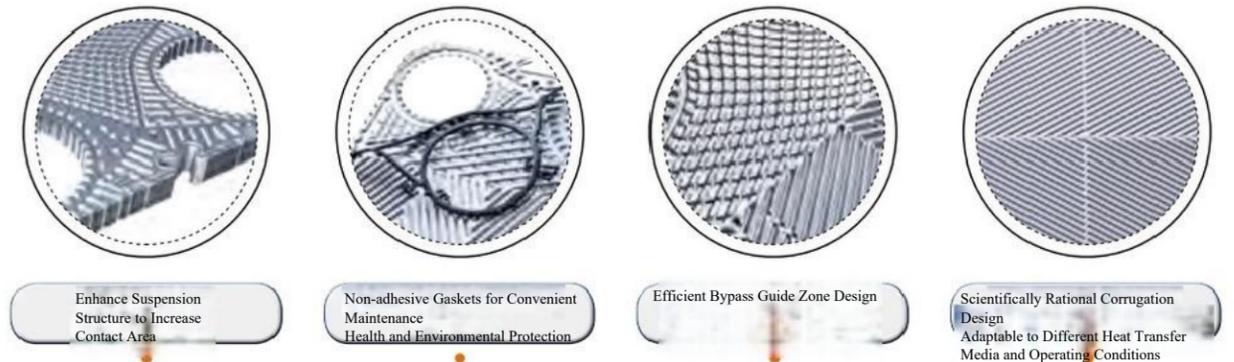
AMETECH possesses multiple advanced hydraulic press equipment, including 6000t, 8000+, 12000+, and 20000+ levels, for pressing various plates. This ensures accurate plate forming while maintaining plate strength. The plate pressing process utilizes pre-coated hydraulic film technology to protect the plates from damage during processing. Oil-free pressing ensures the cleanliness of the plates.

Robust Quality Assurance System

AMETECH holds dual qualifications for the design and manufacture of pressure vessels (special equipment) and has a comprehensive and robust quality assurance system. Design, production, and inspection standards strictly adhere to pressure vessel requirements, ensuring excellent product quality.

Scientific Selection System

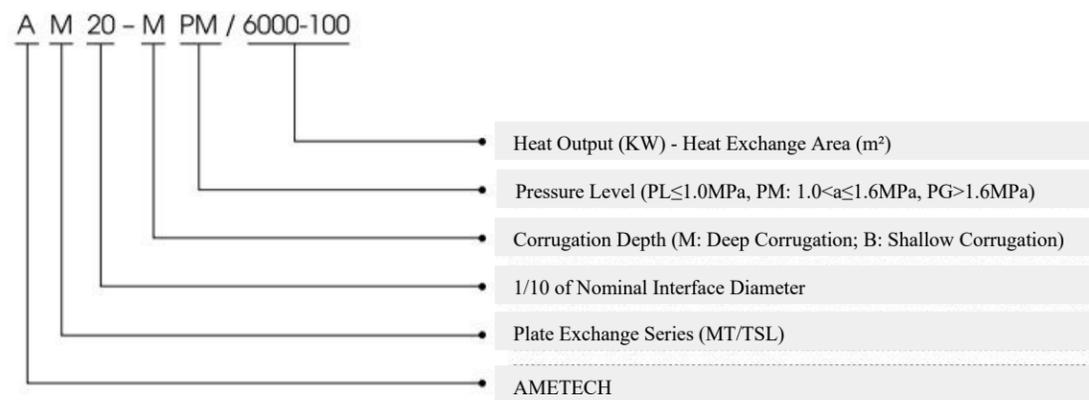
We have introduced AMETECH's 6B selection software and 3A database to ensure the rationality and practicality of selection and design.



HEAT EXCHANGER PLATE

Model Interpretation

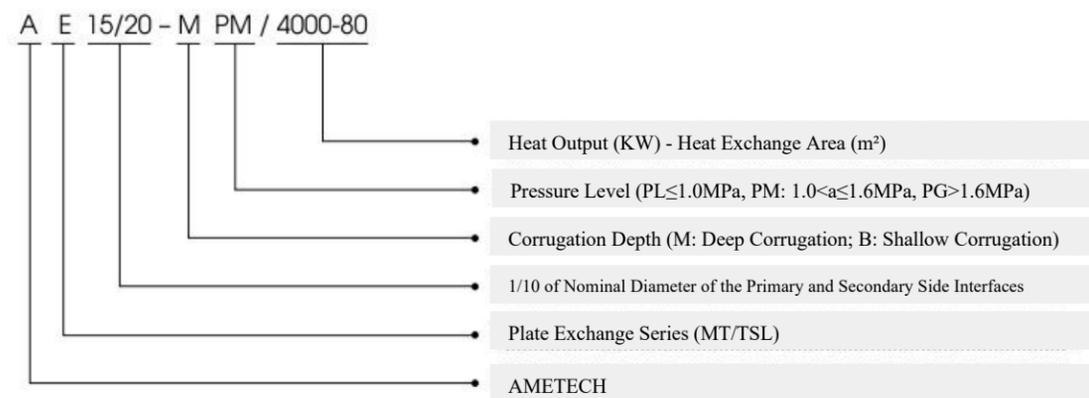
Equal Section Plate Heat Exchanger Model:



In the plate heat exchanger series, M represents the standard series, which is the recommended standard series for company products; T/Ts are the block-out products of the M series, suitable for occasions with small temperature differences; L series are the height-extended products of the M series, designed for specific occasions and operating conditions.

Equal-section plate heat exchanger refers to a chevron corrugation where the cross-sectional area of fluid channels on both sides of the heat transfer plate is equal. The ratio of cross-sectional areas of adjacent plates is 1:1, and the hole diameter of the plate corners is also equal.

Unequal Section Plate Heat Exchanger Model:



Unequal Section Plate Heat Exchanger is suitable for conditions where the flow rates of the primary and secondary sides differ significantly. In the plate exchange series, F represents the standard series, suitable for occasions with large temperature variations; E/T are block-out products of the F series, suitable for occasions with small temperature differences.

An unequal section plate heat exchanger refers to a chevron corrugation where the cross-sectional areas of fluid channels on both sides of the heat transfer plate are not equal. Larger cross-sectional areas of adjacent plates form wide channels, while smaller cross-sectional areas form narrow channels, with a ratio of 2:1. The hole diameter of the plate corners also corresponds to two sizes.

Technical Parameters

Key Technical Parameters of Common Plate Types:

Model number	Pipe diameter D N	Maximum capacity m /h	Maximum design pressure M Pa	Maximum heat exchange area m ²	Heightly m m	Heightly mm	Maximum length mm	Interface top and bottom centre distance mm	Distance from the centre of the left stone of the interface mm
M3-B	32	12	2.0	4.0	490	190	560	357	60
M5-M	50	36	2.5	22	885	320	1200	640	140
M5-B	50	36	2.5	25	885	320	1200	640	140
M8-M	80	90	2.5	50	1235	500	1750	852	227
T8-M	80	90	2.5	40	1110	500	1750	727	227
M10-M	100	140	2.5	40	1110	470	1780	719	223
M10-B	100	140	2.5	50	1110	470	1780	719	223
M12-M	125	220	2.5	105	1543	600	2000	1021	270
T12-M	125	220	2.5	75	1324	600	2000	802	270
M15-M	150	360	2.5	180	1830	630	2400	1294	298
M15-B	150	360	2.5	260	1830	630	2400	1294	298
M20-M	200	560	2.5	250	2085	744	2650	1479	353
T20-M	200	560	2.0	70	1348	735	2020	698	363
T20-P	200	560	2.5	140	1341	786	2400	733	395
M20-B	200	560	2.5	430	2085	744	2650	1479	353
L20-B	200	560	2.5	520	2333	744	2650	1726	353
M25-M	250	880	2.5	620	2748	890	3970	1939	439
T25-M	250	880	2.5	460	2286	890	3960	1476	439
TS25-M	250	880	2.5	300	1823	890	3760	1014	439
M25-B	250	880	2.5	870	2748	890	3970	1939	439
L25-B	250	880	2.0	1050	3000	927	3750	2189	439
M30-M	300	1300	2.5	1300	2922	1160	4350	1842	596
T30-M	300	1300	2.5	1000	2509	1160	4350	1439	596
M35-B	350	1700	2.5	1560	3584	1180	5000	2575	575
M40-M	400	2800	2.0	1500	2828	1455	5800	1654	725
M50-M	500	4000	2.0	2000	3278	1485	6000	2028	680
F15/20	150/200	360/560	2.5	250	2102	740	2620	1480/1530	365
E15/20	150/200	360/560	2.5	200	1756	740	2615	1134/1184	365
T15/20	150/200	360/560	2.5	120	1410	740	2615	788/838	365
F20/25	200/250	560/880	2.5	400	2420	870	2950	1682/1732	427
E20/25	200/250	560/880	2.5	300	2020	870	2950	1432/1482	427
T20/25	200/250	560/880	2.5	195	1620	870	2940	1032/1082	427

Note: The above are partial regular parameters of our products. For more product information, please contact us. We can design according to customer requirements.

HEAT EXCHANGER UNIT

Overview and Features

The intelligent heat exchange unit is an electromechanical device integrating heat exchangers, circulation pumps, makeup water pumps, instruments, sensors, electrical controls, valves, and pipelines. Through scientific calculation and optimization design, it has excellent hardware configuration, reasonable structural layout, advanced control system, convenient operation and management, and cost-saving operation, providing integrated heat exchange solutions for users with different needs. Intelligent heat exchange units have been widely used in various fields such as district heating, refrigeration systems, domestic hot water systems, waste heat recovery, seawater desalination, and process cooling systems.

During the product development and design stage, we adhere to strict environmental standards and use high-quality raw materials to manufacture high-quality products. From core components to every accessory, we select internationally renowned brands to optimize products, ensuring the excellent quality and performance of the entire machine product.

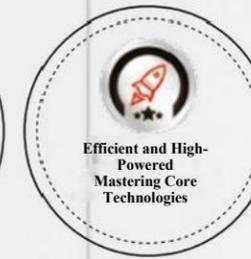
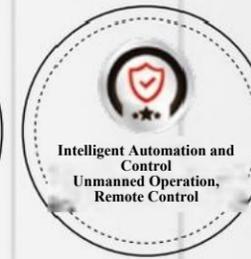
Customization: With rich design experience and professional technical craftsmanship, AMETECH provides each customer with high-performance, tailor-made intelligent heat exchange units.

Compact and elegant: Technical engineers use SolidWorks 3D drawing software to draw equipment drawings in a 1:1 ratio, making the layout of the unit more rational, beautiful, and compact, greatly saving space and valuable area for customers.

Highly intelligent: Achieve fully automatic unmanned operation, remote monitoring, remote operation, online maintenance, and maintenance, making complex equipment simple and understandable, making daily operations easier, and saving customers a lot of manpower and material resources.

Highly integrated: According to your needs, turn your ideas into reality. We select and integrate different accessories into intelligent heat exchange units, greatly reducing customers' on-site workload and costs, and greatly shortening construction periods.

Energy-saving and environmentally friendly: AMETECH intelligent heat exchange units are optimized in design, reduce energy consumption, improve energy utilization efficiency, save energy and reduce emissions, and reduce operating costs for customers. And the units are all designed asbestos-free to ensure customer safety in production.



HEAT EXCHANGER UNIT

换热机组系列

Brand Components with Excellent Quality

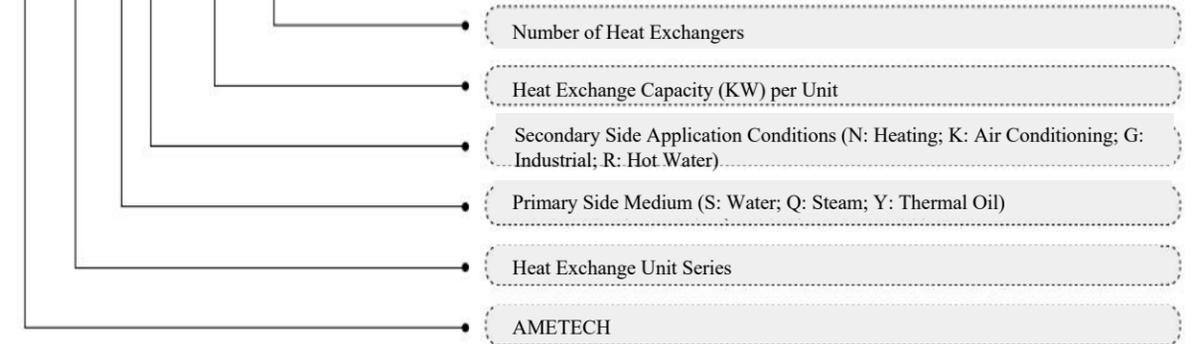
Renowned brand suppliers safeguard the heat exchange units:

AMETECH selects representative brands from various industries as suppliers of components for intelligent heat exchange units, establishing long-term partnerships. They provide high-quality products and professional technical services to AMETECH, resulting in shorter lead times, more stable operations, reliable performance, significant energy savings, and lower investment costs for our heat exchange units.



Model Interpretation

AM HJ / S N - 3600 * 2



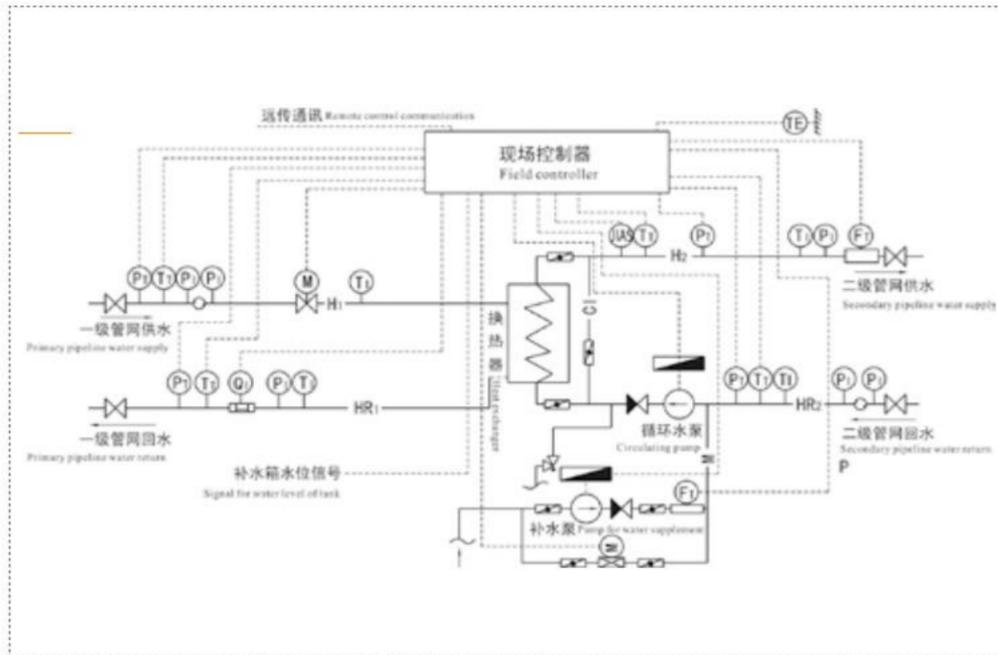
HEAT EXCHANGER

UNIT

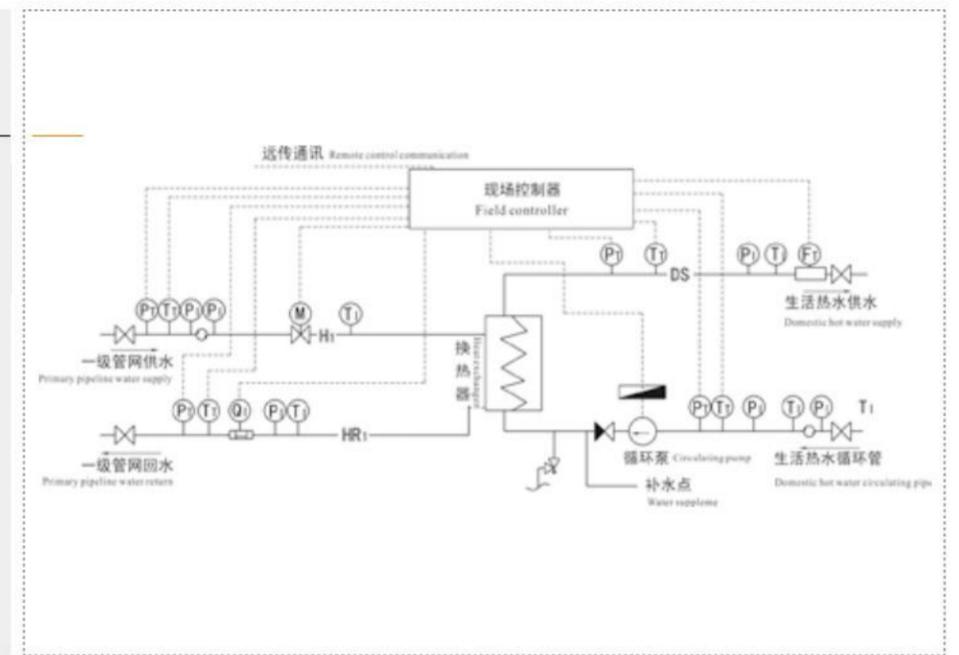
换热机组系列

Unit Process Flow

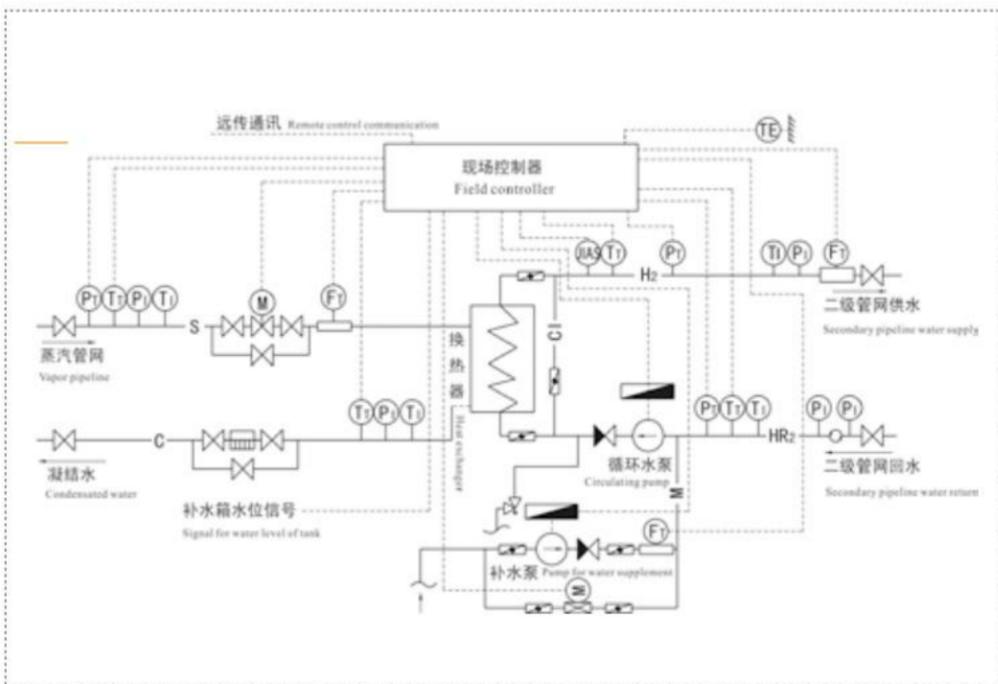
Water-Water Process Schematic Diagram



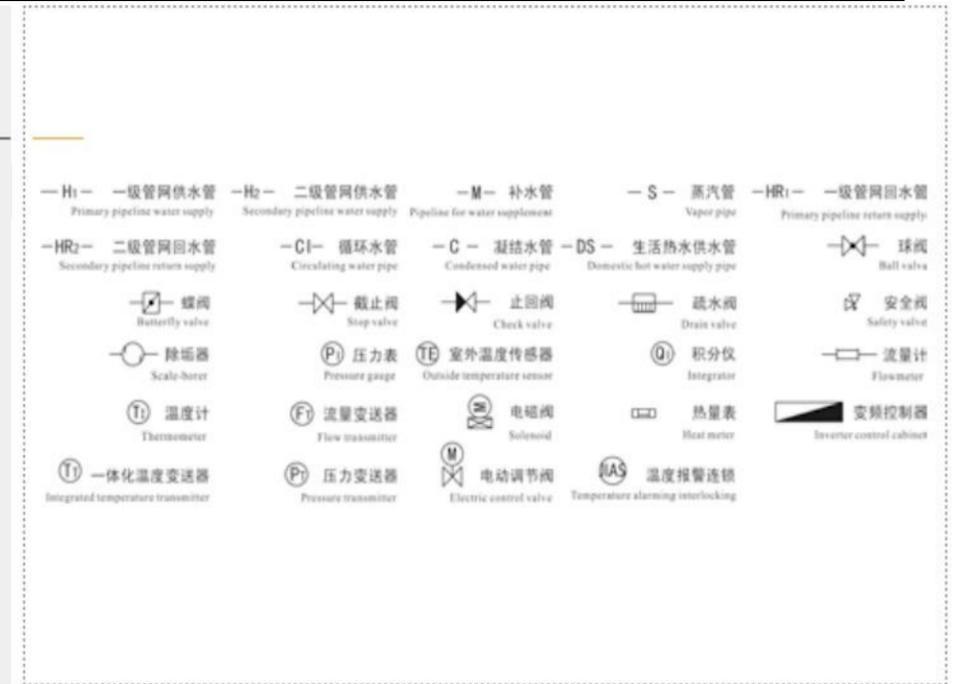
Domestic Hot Water Process Schematic Diagram



Steam-Water Process Schematic Diagram



Component Names



HEAT EXCHANGER



换热机组系列

Selectable Optional Functions

Temperature Control Schematic Diagram

Using internationally renowned brands such as SIEMENS/domestic famous brands



A motorized control valve is installed at the inlet or outlet of the primary heat transfer medium. The system collects the actual supply water temperature on the secondary side and compares it with the set temperature value. After computation, it outputs an analog signal to the motorized control valve to adjust the valve opening, thereby changing the amount of heat transfer medium entering the heat exchanger and controlling the supply water temperature on the secondary side to meet the heating needs of users. Users can also choose the outdoor temperature compensation function, which can automatically adjust the temperature of the secondary network circulating water according to changes in outdoor temperature to ensure heating demand fluctuations.

Constant Pressure Control (I)

Air Pressure Tank



The system utilizes an air pressure tank for pressure stabilization, equipped with an air pressure tank and an electric contact pressure gauge. The upper and lower limits of the secondary return water pressure are adjustable. The makeup water pump starts when the return water pressure is low and stops when it is high, achieving constant system pressure. The advantage of this control method is its simplicity, convenience in operation, and low requirements for operating personnel. The disadvantage is that the pressure control accuracy is relatively low.

Variable Flow Control

Variable Frequency Drive (VFD)

Using well-known brands such as ABB, Danfoss, etc.



The circulating water pump is controlled by a variable frequency drive (VFD). Based on the actual needs of users, the VFD controls the pump speed to adjust the flow rate of the secondary circulating water, thereby saving energy and reducing heating costs for users while meeting their heating demands.

Constant Pressure Control (II)

Schematic Diagram of Frequency-Controlled Makeup Water Pump



Equipped with a variable frequency drive (VFD), the makeup water pump operates at variable speed based on the analog signal of the secondary return water pressure, achieving constant system pressure. This control method ensures high pressure control accuracy and minimal system pressure fluctuations. Modifying the pressure setpoint on the variable frequency drive or panel provides a more intuitive digital display. Additionally, the absence of an air pressure tank results in a reduction in the overall volume of the heat exchange unit.

Intelligent Control

Programmable Logic Controller (PLC) utilizing well-known brands such as SIEMENS, LS, etc.



The intelligent control cabinet is equipped with a programmable controller to achieve intelligent control of the heat exchange system. The circulation pump and makeup water pump automatically start, stop, and adjust speed based on system pressure, temperature, and other information. When a standby pump is available, functions such as automatic switch to standby pump in case of pump failure and timed rotation of pumps can be implemented. This achieves full automatic control of the entire heat exchange unit, eliminating the need for constant monitoring by personnel.

Large-sized touch screen for centralized display

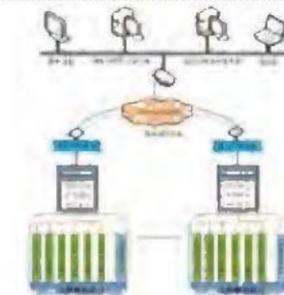
Human-Machine Interface (HMI) using internationally renowned brands such as SIEMENS, and well-known domestic brands.



The intelligent control cabinet is equipped with a programmable controller that can achieve intelligent control while also collecting system parameters and pump status. System parameters, such as temperature, pressure, flow rate, heat, pump frequency, and valve opening, can be collected based on customer requirements. It also features a Chinese touchscreen for monitoring, managing, and setting various parameters of the entire system.

Remote Monitoring

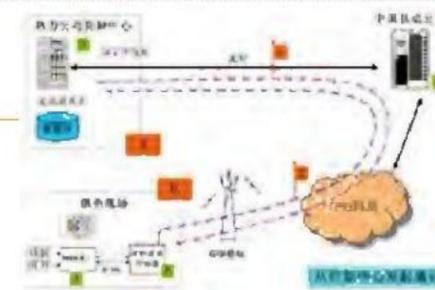
Achieve fully automated operation without the need for dedicated personnel on duty.



The unit control section reserves remote control interfaces for remote communication to the upper-level PC, enabling remote monitoring. This system integrates advanced computer technology, network communication technology, automation control technology, and sophisticated heat exchange technology organically, achieving fully automated operation without the need for constant monitoring by personnel.

Remote Communication

Achieved through wireless mobile devices to enable remote control.



Multiple remote communication methods are available, including GPRS wireless, industrial Ethernet, and Modbus, among others. Corresponding remote control interfaces are reserved based on different communication methods, and specific requirements should be specified when placing orders.

HEAT EXCHANGER UNIT

Technical Parameters

Steam-water hanging plate heat exchanger unit parameters:
 Primary side heat source: 0.4MPa saturated steam
 Secondary side: 60/80°C, heat index: 60W/m²

No.	Unit Model	Heat exchanger KW	Heating area m ²	Secondary water flow t/h	Overall dimensions in mm	Weight kg
01	AMHJ/QN-300	300	5000	13	2800x1500x1400	950
02	AMHJ/ &N-600	600	10000	26	3000x1500x1400	1000
03	AMHJ/QN-1200	1200	20000	52	3200x1500x1400	1400
04	AMHJ/QN-1800	1800	30000	78	3400x1700x1400	1800
05	AMHJ/QN-2400	2400	40000	104	3500x2000x1400	2000
06	AMHJ/QN-3000	3000	50000	129	3700x2100x2000	2200
07	AMHJ/QN-3600	3600	60000	155	3900x2300x2000	3000
08	AMHJ/QN-4200	4200	70000	181	4000x2300x2000	4000
09	AMHJ/QN-4800	4800	80000	207	4200x2500x2500	5500
10	AMHJ/QN-5400	5400	90000	233	4500x2600x2500	6000
11	AMHJ/QN-6000	6000	100000	258	4500x2600x2500	6200
12	AMHJ/QN-7200	7200	120000	310	4500x2600x2500	6400
13	AMHJ/QN-9000	9000	150000	387	5000x2600x2500	7000
14	AMHJ/QN-10800	10800	180000	465	5000x3300x2500	8000
15	AMHJ/QN-12000	12000	200000	516	5000x3300x2500	9000
16	AMHJ/QN-15000	15000	250000	645	6000x3500x2500	10000

Note: The above unit dimensions are designed for one plate heat exchanger, two circulation pumps, and two make-up water pumps. The dimensions and weight are for reference only. Our company can provide custom designs based on user requirements.

Water-water hanging plate heat exchanger unit parameters:
 Primary side heat source: 95/70°C
 Secondary side: 60/80°C
 Heat index: 60W/m²

No.	Unit Model	Heat exchanger KW	Heating area m ²	Secondary water flow t/h	Overall dimensions in mm	Weight kg
01	AMHJ/SN-300	300	5000	13	2300x1500x1400	950
02	AMHJ/SN-600	600	10000	26	2400x1500x1400	1000
03	AMHJ/SN-1200	1200	20000	52	2600x1500x1400	1400
04	AMHJ/SN-1800	1800	30000	78	2800x1700x1400	1800
05	AMHJ/SN-2400	2400	40000	104	2800x2000x1400	2000
06	AMHJ/SN-3000	3000	50000	129	3000x2100x2000	2200
07	AMHJ/SN-3600	3600	60000	155	3200x2300x2000	3000
08	AMHJ/SN-4200	4200	70000	181	3300x2300x2000	4000
09	AMHJ/SN-4800	4800	80000	207	3500x2500x2500	5500
10	AMHJ/SN-5400	5400	90000	233	3700x2600x2500	6000
11	AMHJ/SN-6000	6000	100000	258	3700x2600x2500	6200
12	AMHJ/SN-7200	7200	120000	310	3700x2600x2500	6400
13	AMHJ/SN-9000	9000	150000	387	4000x2600x2500	7000
14	AMHJ/SN-10800	10800	180000	465	4000x3300x2500	8000
15	AMHJ/SN-12000	12000	200000	516	4300x3300x2500	9000
16	AMHJ/SN-15000	15000	250000	645	5000x3500x2500	10000

Note: The above unit dimensions are designed for one plate heat exchanger, two circulation pumps, and two make-up water pumps. The dimensions and weight are for reference only. Our company can provide custom designs based on user requirements.

HEAT EXCHANGER UNIT

Technical Parameters

Steam-Water Air Conditioning Plate Heat Exchanger Unit Parameters: Primary side heat source: 0.4 MPa saturated steam, secondary side: 50/60°C, heat index: 60 W/m².

No.	Unit Model	Heat exchanger KW	Heating area m²	Secondary water flow t/h	Overall dimensions in mm	Weight kg
01	AMHJ/QK-300	300	5000	26	3000x1500x1400	1000
02	AMHJ/QK-600	600	10000	52	3200x1500x1400	1400
03	AMHJ/QK-1200	1200	20000	104	3500x2000x1400	2000
04	AMHJ/QK-1800	1800	30000	155	3900x2300x2000	3000
05	AMHJ/QK-2400	2400	40000	207	4200x2500x2500	5000
06	AMHJ/QK-3000	3000	50000	258	4500x2600x2500	5000
07	AMHJ/QK-3600	3600	60000	310	4500x2600x2500	5500
08	AMHJ/QK-4200	4200	70000	362	4900x2600x2500	7000
09	AMHJ/QK-4800	4800	80000	413	5100x3000x2500	7500
10	AMHJ/QK-5400	5400	90000	465	5100x3300x2500	8000
11	AMHJ/QK-6000	6000	100000	516	5300x3300x2500	9000
12	AMHJ/QK-7200	7200	120000	620	5700x3300x2500	9500
13	AMHJ/QK-9000	9000	150000	774	5300x3600x3000	12000
14	AMHJ/QK-10800	10800	180000	929	5500x3600x3000	15000
15	AMHJ/QK-12000	12000	200000	1032	5800x3600x3000	16000
16	AMHJ/QK-15000	15000	250000	1290	6000x3600x3000	18000

Note: The above unit dimensions are designed for one plate heat exchanger, two circulation pumps, and two make-up water pumps. The dimensions and weight are for reference only. Our company can provide custom designs based on user requirements.

Water-Water Air Conditioning Plate Heat Exchanger Unit Parameters: Primary side heat source: 95/70°C, secondary side: 50/60°C, heat index: 60 W/m².

No.	Unit Model	Heat exchanger KW	Heating area m²	Secondary water flow t/h	Overall dimensions in mm	Weight kg
01	AMHJ/SK-300	300	5000	26	2400x1500x1400	1000
02	AMHJ/SK-600	600	10000	52	2600x1500x1400	1400
03	AMHJ/SK-1200	1200	20000	104	2800x2000x1400	2000
04	AMHJ/SK-1800	1800	30000	155	3400x2300x2000	3000
05	AMHJ/SK-2400	2400	40000	207	3700x2500x2500	5000
06	AMHJ/SK-3000	3000	50000	258	3700x2600x2500	5000
07	AMHJ/SK-3600	3600	60000	310	3800x2600x2500	5500
08	AMHJ/SK-4200	4200	70000	362	4100x2600x2500	7000
09	AMHJ/SK-4800	4800	80000	413	4300x3000x2500	7500
10	AMHJ/SK-5400	5400	90000	465	4300x3300x2500	8000
11	AMHJ/SK-6000	6000	100000	516	4500x3300x2500	9000
12	AMHJ/SK-7200	7200	120000	620	4700x3300x2500	9500
13	AMHJ/SK-9000	9000	150000	774	5300x3600x3000	12000
14	AMHJ/SK-10800	10800	180000	929	5500x3600x3000	15000
15	AMHJ/SK-12000	12000	200000	1032	5600x3600x3000	16000
16	AMHJ/SK-15000	15000	250000	1290	5700x3600x3000	18000

Note: The above unit dimensions are designed for one plate heat exchanger, two circulation pumps, and two make-up water pumps. The dimensions and weight are for reference only. Our company can provide custom designs based on user requirements.

APPLICATION INDUSTRY

应用行业

01 Pharmaceuticals and Biotechnology	Biogas development, ethanol, biodiesel, consumer goods, cosmetics, medical devices, active pharmaceutical ingredient production, etc.
02 Organic Chemistry/Fine Chemicals	Alcohol, formaldehyde, acetaldehyde, ketones.
03 Coal Chemical Industry Performance	Coal industry heating and cooling, lean and rich liquid exchange, mother liquor, ammonia solution.
04 Petroleum Chemical Industry Performance	Petrochemical products, polymers, fibers, inorganic chemicals, materials, fertilizers, specialty chemicals, etc.
05 Food and Beverage	Food, beverages, brewing industry, fisheries, fruits and vegetables, meat and poultry processing, pre-packaged foods.
06 High-End Residential and Villas Performance	Villas, high-end residential properties, influential residential properties beyond district heating.
07 Government and Public Sector Units	Administrative, institutional, government agencies, units related to government administration.
08 District Heating Performance	Thermal companies, district heating projects.
09 Commercial Building Facilities Performance	Office buildings, office properties, shopping complexes, commercial building segments.
10 Hospitals, Schools, Research, and Cultural Institutions	Hospitals, schools, research institutions, academic publishing, and sports centers equipment.
11 Public Facilities Performance	Public facilities like Expo venues, high-speed rail stations, subways, museums, theaters, and sports centers.
12 Machinery Manufacturing Performance	Machinery manufacturing, processing, compressor system cooling, and emulsion cooling.
13 Marine Power and Seawater Desalination	Engine and generator cooling, lubrication oil cooling, marine desalination, preheating, oil drilling platforms, and HVAC heating.
14 Automotive Parts Performance	Automotive manufacturing, painting, air compressor cooling, plant heating, and cooling.
15 Power, Energy, and Nuclear Power Performance	Diesel, coal, nuclear power process cooling and lubrication oil systems, waste heat power generation, and heat recovery systems.
16 Steel, Metallurgy, and Non-Ferrous Metals	Steel, copper, lead, aluminum, zinc, tin, nickel, gold manufacturing process heating and cooling, aluminum oxide projects.
17 Photovoltaic New Energy Performance	Polycrystalline silicon, monocrystalline silicon, photovoltaic film downstream production processes, process water cooling, and heating.



Our Users

With a professional R&D team and leading smart manufacturing processes, we are strengthened by years of accumulated technical expertise. Over the years, our company has earned industry recognition and user praise due to our stable product quality, high cost-effectiveness, steadfast work ethic, and customer-centric attitude. Our products have consistently ranked among the top in the industry market share. We have undertaken the design, manufacturing, and installation services for over 10,000 energy-saving product projects nationwide. Moving forward, we will continue to strive to provide innovative solutions for the industry and grow together with it.

AMETECH has established long-term strategic partnerships with numerous well-known enterprises and institutions nationwide.



There are also many other clients not listed individually here, to whom we extend our collective thanks!

PRODUCT SERVICE

产品服务

Professional service and creating value

AMETECH has always adhered to the principle of "customer-centricity." "Customer satisfaction" is our sole delivery standard. From early-stage selection and equipment installation to after-sales service, AMETECH maintains a 24/7 standby mode to promptly resolve customer issues and queries, ensuring a professional and efficient service attitude throughout pre-sales, sales, and after-sales stages.

Strict control over the production process, excellent product quality, professional marketing service personnel, a nationwide service and sales network, over 200 branches and service points, and more than 300 highly qualified sales service engineers are the foundations of AMETECH's confidence as a leading expert in the heat exchanger field.

We consider the sale of a product as the starting point of our service. Our commitment to product quality remains



Over 300 sales and service engineers



More than 200 branches and service outlets



24-hour sales hotline



On-site resolution of equipment failures within 4 hours

Free on-site installation guidance service

During the equipment installation, we will send professionals to guide the installation and commissioning until the equipment is operating normally.

Free product usage training service

To help you better use our products, our professional after-sales engineers will provide you with operational skills training, ensuring the normal operation of the equipment and the ability to handle common problems and faults.

"Three Guarantees" service within the warranty

If any product quality issues arise within the warranty period, we will dispatch professional after-sales engineers to provide on-site service and implement the "Three Guarantees" service based on the actual situation.

Fast after-sales service response

With a nationwide service network and professional after-sales engineers, we promise to respond within 2 hours, arrive on-site within 4 hours, and provide a solution within 24 hours. (Response times for Tibet, Xinjiang, and other regions may be extended accordingly.)

24/7 online technical support

We require that technical support engineers and after-sales service engineers keep their phones on 24 hours a day. When customers encounter problems, they must respond quickly.

Comprehensive record management

Every product we provide comes with a unique AMETECH identification from the day it is manufactured. Even if it is not properly maintained, we can still provide you with all its information at any time.

WeChat official account



24-hour sales hotline

0512 33069666

SALES SERVICE NETWORK



Northwest	Southwest	North-eastern	Central China	North China	East China	South China
Xi'an	Changsha	Shenyang	Zhengzhou	Beijing	Jinan	Guangzhou
Baoji	Chengdu	Dalian	Wuhan	Tianjin	Shanghai	Shenzhen
Lanzhou	Chongqing	Changchun	Luoyang	Shijiazhuang	Hangzhou	Zhuhai
Yinchuan	Kunming	Harbin	Sanmenxia	Taiyuan	Nanjing	Macau
Xining	Guiyang	Daqing	Pingdingshan	Hohhot	Suzhou	Hong Kong
Baiyin	Dali	Mudanjiang	Yichang	Tongliao	Ningbo	Foshan
Jiuquan	Lhasa	Qiqihar	Nanyang	Qinhuangdao	Xiamen	Haikou
Urumqi	Nanning	Jinzhou	Jiyuan	Ordos	Hefei	Zhongshan

