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MANUFACTURER  
— For Chiller & Air Source



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**Professional Manufacturer**  
**for Lab & Process**



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## Corporate Culture ■

### Company Mission

To help human explore the world.

### Company Vision

Auwii's product can service for every lab.

Every practitioner owns the opportunity of success.

### Company Value

Forge ahead with determination.

Move after forethoughtful.

Action with persistence.

Make perfection more perfect.



## Company Profile

**Beijing AUWII Science& Technology Co. Ltd.** (AUWII®) gathered a group of scientific and technical researchers, focuses on research, development and sales of analytical and environmental protection related products. Committed to provide laboratory analyst with much reliable, more convenient, faster analysis instruments and auxiliary products.

AUWII® temperature control equipment mainly include Lab Chillers, High and Low Temperature Recirculators, New Energy (EV) Temperature Control System, Oil-free Air compressor, Low Dew Point Air Source, Nitrogen Generator and others.

All AUWII® products are independently R&D, produced and sold directly which can maximize the value of equipment for customers. A high proportion of research and development costs are invested to keep up with national high-tech enterprise standard, closely follow the latest version of the ISO9001 quality management system, and maintain strict and efficient R & D, production and management processes. With more than 10 years of development, tens of thousands of AUWII products have served more than 10,000 factories and laboratories in 40 countries and regions around the world.



# Trumii (T) Benchtop Chiller

— Special for small laboratory instruments



## Product Introduction

Trumii (T) series chiller is an energy-saving benchtop style Recirculating Chiller which designed for supports small equipment. It is developed on the principle of ergonomics, easy to operate and observe, some can also transform into a Heat/Cool Bath, versatile and multi-function; Small and delicate vertical shape, can be placed in the fume hood, on or under the table; -20°C ~35°C temperature offers wide application, is an ideal choice for modern lab instruments refrigeration.



## Functions and Features

- Benchtop design, beautiful appearance, space saving;
- Top coupling design which is easy to mount or dismount piping;
- Stainless steel water reservoir, prevent water pollution;
- PID intelligent temperature control, highly temperature stability;
- Rear condenser, higher cooling efficiency;
- Multiple self-protections;
- CE qualified.

## Typical Application

Trumii (T) series chiller is mainly used for supporting Coal Quality Analyzer, Calorimeter, Rotary Evaporator, Kjeldah Apparatus, Distillation Instrument, Electrophoresis Apparatus, Analytical Instruments, Small Molecular Pump and other Small Laboratory Equipment.

## Products Specifications

Model	Cooling Capacity W@25°C 50/60Hz	Temperature Range °C	Temperature Stability °C	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
T1	360/420	5-35	±0.1	20	0.8	3.6	φ10mm Outer diameter rotary pagoda joint	196x406x482
T2	700	5-35	±0.1	20	1.5	5		220x460x515
T3	1400/1500	5-35	±0.1	20	1.5	5		220x490x595
T4	1800/2000	5-35	±0.1	20	1.5	7		257x529x717-60
T1a	300/360	-10-35	±0.1	20	0.8	3.6		196x406x482
T2a	600	-10-35	±0.1	20	1.5	5		220x460x515
T3a	1300/1400	-10-35	±0.1	20	1.5	5		220x490x595
T4a	1800/2000	-10-35	±0.1	20	1.5	7		257x529x717-60
T2β	500	-20-35	±0.1	20	1.5	5		220x460x515
T3β	1200/1300	-20-35	±0.1	20	1.5	5		220x490x595
T4β	1600/1800	-20-35	±0.1	20	1.5	7		257x529x717-60
T1-M	400/460	5-35	±0.1	1	6	-	Rp1/2	196x406x482

※ Appropriate frequency and voltage can be selected to enable operated anywhere in the world.

※ Tx-M series is a closed circulation machine without water tank, which can exchange heat by an external water tank.

# Herii (H) High Stability Chiller

— Special for lab analysis equipment

## Product Introduction

Herii (H) series chiller is designed with, complete configuration, perfect protection, warning system, particularly for high-end analytical instruments. By equipped with standard water purification function, alarm protection of water flow, level and overheat. Herii (H) is able to provide RS485 communications and matching equipment with plentiful communication instructions.



## Typical Application

Herii (H) series Chiller is mainly used for supporting the Atomic Absorption Spectrophotometer(AAS), Inductively Coupled Plasma Optical Emission Spectrometry(ICP-OES), Inductively coupled plasma mass spectrometry (ICP-MS) , Scanning Electron Microscopy, High Frequency Fusion Machine, Glove Box, Plasma Etching Machine, Spectrometer, Aemission Spectrometer, Kjeldah Apparatus, Rotary Evaporator, Small reaction kettle and other laboratory laser laboratory instrument, etc.

## Functions and Features

- ◎ Intelligent PID temperature control with high stability;
- ◎ Vertical appearance design with beautiful shape, space saving;
- ◎ Stainless steel water tank with large opening, easy to clean;
- ◎ Optimized observed front filter, easily observe and replace the filter;
- ◎ Various low noise and high performance;
- ◎ Optional RS232/485 communications;

## Products Specifications

Model	Cooling Capacity W@25℃ 50/60Hz	Heating Capacity ℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sH1	800/900	300/350	5-35	±0.1	20	1.7	5	Rp 1/2	280x435x640-60
sH2	1400/1600	400	5-35	±0.1	20	1.7	8	Rp 1/2	330x505x710-60
sH3	2600/3000	810/1030	5-35	±0.1	50	3.6	12	Rp 1/2	380x565x830-60
sH4	3600	900	5-35	±0.1	50	3.6	20	Rp 1/2	430x635x940-70
sH5	5600/6500	1460	5-35	±0.1	50	4.6	30	Rp 1/2	490x715x995-70
sH6	6400/7200	1660/1880	5-35	±0.1	50	4.6	46	Rp 1/2	540x780x1115-90

- ※Optional for different flow and pressure;
- ※Appropriate frequency and voltage can be choosed;
- ※Cooling capacity maybe different upon global power supply;
- ※RS232 & RS485 Communication available.

## Products Specifications

Model	Cooling Capacity W@25°C 50/60Hz	Heating Capacity ℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sH1s	800/900	300/350	5-35	±0.2	20	1.7	2.5	Rp 1/2	280x435x640-60
sH2s	1400/1600	400	5-35	±0.2	20	1.7	2.5	Rp 1/2	330x505x710-60
sH3s	2600/3000	810/1030	5-35	±0.2	50	3.6	2.5	Rp 1/2	380x565x830-60
sH4s	3600	900	5-35	±0.2	50	3.6	4	Rp 1/2	430x635x940-70
sH5s	5600/6500	1460	5-35	±0.2	50	4.6	6	Rp 1/2	490x715x995-70
sH6s	6400/7200	1660/1880	5-35	±0.2	50	4.6	8	Rp 1/2	540x780x1115-90
sH1β	700/800	300/350	-20-35	±0.2	20	1.7	5	Rp 1/2	280x435x640-60
sH2β	1200/1350	400	-20-35	±0.2	20	1.7	8	Rp 1/2	330x505x710-60
sH3β	2200/2600	810/1030	-20-35	±0.2	50	3.6	12	Rp 1/2	380x565x830-60
sH4β	3300	900	-20-35	±0.2	50	3.6	20	Rp 1/2	430x635x940-70
sH5β	5200/5800	1460	-20-35	±0.2	50	4.6	30	Rp 1/2	490x715x995-70
sH6β	6000/6600	1660/1880	-20-35	±0.2	50	4.6	46	Rp 1/2	540x780x1115-90

## Products Specifications

Model	Cooling Capacity W@25°C 50/60Hz	Heating Capacity ℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sH2y	900	550	-40-35	±0.2	10	1.5	2.5	Rp 1/2	330x505x710-60
sH3y	1200	800	-40-35	±0.2	20	3.5	2.5	Rp 1/2	380x565x830-60
sH4y	1800	1000	-40-35	±0.2	20	3.5	4	Rp 1/2	430x635x940-70
sH5y	2600	1280	-40-35	±0.2	20	3.5	6	Rp 1/2	490x715x995-70
sH6y	3600	1700	-40-35	±0.2	20	3.5	8	Rp 1/2	540x780x1115-90
rH1	800/900	100	5-35	±1	20	1.7	5	Rp 1/2	280x435x640-60
rH2	1400/1600	100	5-35	±1	20	1.7	8	Rp 1/2	330x505x710-60
rH3	2600/3000	250	5-35	±1	50	3.6	12	Rp 1/2	380x565x830-60
rH4	3600	250	5-35	±1	50	3.6	20	Rp 1/2	430x635x940-70
rH5	5600/6500	250	5-35	±0.1	50	4.6	30	Rp 1/2	490x715x995-70
rH6	6400/7200	250	5-35	±0.1	50	4.6	46	Rp 1/2	540x780x1115-90

※Optional for different flow and pressure;

※Temperature can be extended to -40°C to 95°C;

※Cooling capacity maybe different upon global power supply.

# Champii(C) Vertical Chiller

— Low noise chiller for laboratory analysis equipment

## Product Introduction

C series chiller is the AUWII star product with ten years good reputation, mature and reliable performance, nearly 10,000 set sold, and provides customers a good working experience. C chillers are fully equipped with complete protection and alarm system. Unique multiple optional water quality configurations with multiple detection and alarm functions, also parallel communication can be provided to control chiller start and stop through the switch signal.

## Typical Application

Electroplating, plastic products, hardware, chemical industry, electronics, food preservation, laser carving, vacuum coating, ultrasonic cleaning etc industries.



## Functions and Features

- Stainless Steel reservoir with big opening;
- Built-in front filter can visually observe the dirt of the filter and timely replacement;
- Standard water level sensor, optional water flow switch sensor, high and low temperature alarm signal output;
- All stainless steel pipe fittings and water pump, optional resin filter, circulating pure water, ensure long-term stability of water quality;
- Good heat dissipation by rear exhaust, energy saving, shock absorption and low noise.

## Products Specifications

Model	Cooling Capacity W@25℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sC1	1350/1500	5-35	±0.1	15	1.3	8	Rp1/2	360x450x653-55
sC2	1600/1800	5-35	±0.1	20	1.7	20	Rp1/2	430x530x780-55
sC3	2660/2900	5-35	±0.1	33	2.8	30	Rp1/2	490x580x845-69
sC4	3680	5-35	±0.1	40	2.8	46	Rp1/2	520x680x995-89
sC5	5550	5-35	±0.1	50	3.6	70	Rp1/2	580x680x1098-89
rC1	1350/1500	5-35	±1	15	1.3	8	Rp1/2	360x450x653-55
rC2	1600/1800	5-35	±1	20	1.7	20	Rp1/2	430x530x780-55
rC3	2660/2900	5-35	±1	33	2.8	30	Rp1/2	490x580x845-69
rC4	3680	5-35	±1	40	2.8	46	Rp1/2	520x680x995-89
rC5	5550	5-35	±1	50	3.6	70	Rp1/2	580x680x1098-89
sC1β	1280/1460	-20-35	±0.1	15	1.3	8	Rp1/2	360x450x653-55
sC2β	1450/1650	-20-35	±0.1	20	1.7	20	Rp1/2	430x530x780-55
sC3β	2400/2650	-20-35	±0.1	30	2.8	30	Rp1/2	490x580x845-69
sC4β	3300	-20-35	±0.1	40	2.8	46	Rp1/2	520x680x995-89
sC5β	4600	-20-35	±0.1	40	3.6	70	Rp1/2	580x680x1098-89

※Optional for different flow and pressure;

※Cooling capacity maybe different upon global power supply.



## Delii(D) Under table type Chiller

### — Low height chiller for lab analysis Instrument

#### Product Introduction

D series chiller is a high quality water chiller special designed for analytic lab Instrument like PerkinElmer ICP, ICP-MS, horizontal design, beautiful appearance, which can greatly save space; adopt low speed fan, can keep the noise at a low level, standard water quality filter, various monitoring and alarming functions can meet the requirements of high-end equipment, which is the optimal choice for modern laboratory cooling supporting.



#### Function and features

- ◎ Intelligent PID temperature control with high stability;
- ◎ Horizontal design, can be placed under the table;
- ◎ Automatic start-up can be set with software;
- ◎ Standard configuration for water level alarm system;
- ◎ Optimized for water flow alarm system;
- ◎ Adopted water circulating pump with low noise and high performance;
- ◎ Stainless steel water tank, easy to clean.

#### Product Specifications:

Model	Cooling Capacity W@25℃ ℃ 50/60Hz	Temperature range℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W×D×H mm
sD1	1600/1800	5-35	±0.1	15	1.6	3	Rp1/2	320x580x520
sD2	2660/2900	5-35	±0.1	40	3.6	4.5	Rp1/2	380x700x615
sD3	3680	5-35	±0.1	50	3.6	6	Rp1/2	450x700x680
sD1β	1450/1650	-20-35	±0.1	15	1.6	3	Rp1/2	320x580x520
sD2β	2400/2600	-20-35	±0.1	25	3	4.5	Rp1/2	380x700x615
sD3β	3300	-20-35	±0.1	25	3	6	Rp1/2	450x700x680
sD1β-T1	1450/1650	-20-95	±0.1	16	1.5	3	Rp1/2	320x580x520
sD2β-T1	2400/2600	-20-95	±0.1	25	3	4.5	Rp1/2	380x700x615
sD3β-T1	3300	-20-95	±0.1	25	3	6	Rp1/2	450x700x680

※ Appropriate frequency and voltage can be selected to enable operated anywhere in the world.

※ RS232 & RS485 Communication available.



# Economii(E)--Compact Chiller

— Delicate chiller for small industrial equipment

## Product Introduction

E series chillers are easy to operate, good heat dissipation, low noise with casters which are an ideal partner for small industrial equipment. This machine adopts horizontal chassis, with high refrigeration efficiency, energy saving and environmental protection. PVC closed water tank is can prevent water pollution and working in the harsh environment.

## Typical Application

Mainly used to connect with molecular pump, rotary evaporator, distillation apparatus etc.

## Functions and Features

- Easy to operate, compact structure;
- Closed PVC water tank, prevent pollution,
- Optional external filter;
- Optional flow switch, to protect the safety of supporting equipment;
- Good heat dispatch, high cooling efficiency.



## Product Specifications

Model	Cooling Capacity W@25℃ ℃ 50/60Hz	Temperature range℃	Temperature Stability℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W×D×H mm
sE1	950/1100	±0.1	5-35	10	1.5	6	Rp1/2	260x590x470
sE2	1260/1480	±0.1	5-35	10	1.5	8	Rp1/2	320x580x530
sE3	2560/3060	±0.1	5-35	15	1.6	12	Rp1/2	320x580x530
sE4	3550	±0.1	5-35	40	3.6	16	Rp1/2	450x660x702
sE5	5150	±0.1	5-35	50	3.6	26	Rp1/2	520x710x762
sE2α	1160/1360	±0.1	-10-35	10	1.5	8	Rp1/2	320x580x530
sE3β	2200/2600	±0.1	-20-35	15	1.2	12	Rp1/2	320x580x530
sE4β	2800	±0.1	-20-35	20	2.5	16	Rp1/2	450x660x702
sE5β	3600	±0.1	-20-35	20	2.5	26	Rp1/2	520x710x762
rE1	1000/1160	±1.5	5-35	10	1.5	6	Rp1/2	260x590x470
rE2	1300/1500	±1.5	5-35	10	1.5	8	Rp1/2	320x580x530
rE3	2600/3100	±1.5	5-35	15	1.6	12	Rp1/2	380x625x590
rE4	3600	±1.5	5-35	40	2.8	16	Rp1/2	450x660x702
rE5	5200	±1.5	5-35	50	2.8	26	Rp1/2	520x710x762
tE1	1000/1160	±0.2	5-35	10	1.5	6	Rp1/2	260x590x470
tE2	1300/1500	±0.2	5-35	10	1.5	8	Rp1/2	320x580x530
tE3	2600/3100	±0.2	5-35	15	1.6	12	Rp1/2	380x625x590
tE4	3600	±0.2	5-35	40	2.8	16	Rp1/2	450x660x702
tE5	5200	±0.2	5-35	50	2.8	26	Rp1/2	520x710x762
rE150	150W/℃	±1	Room temperature 5-65℃	10	1.5	6	Rp1/2	260x590x470
rE200	200W/℃	±1		10	1.5	8	Rp3/4	320x580x530
rE250	250W/℃	±1		15	1.6	12	Rp3/4	380x625x590
rE350	350W/℃	±1		40	2.8	16	Rp3/4	450x660x702
rE450	450W/℃	±1		50	2.8	20	Rp3/4	520x710x762

※ Appropriate frequency and voltage can be selected to enable operated anywhere in the world.

※ RS232 & RS485 Communication available.

# Kingii (K) Industry Small Chiller

— Special for small/medium industrial equipment

## Product Introduction

K series chiller is specially designed for small/medium size industrial equipment.

The small size machines adopt front air come-in design, which is convenient for condenser cleaning.

Medium size machines air discharge from top, good for heat dissipation.

It is an ideal companion of small/medium industrial equipment refrigeration requirement.



## Functions and Features

- Vertical structure, beautiful appearance, small size with lockable caster wheels;
- Removable front panel, easy to clean condenser;
- Branded stainless steel pump;
- Level display and level detector, easy to observe and monitored the level of liquid, and timely fluid supplement;
- PP cotton and resin ion filter can be selected to ensure that the water is clean;
- Various inlet and outlet water connectors can be selected to connect with customer equipment;
- Multiple types of remote control;
- Multiple alarm protection functions: compressor delay protection, compressor over current protection, water flow alarm, high and low temperature alarm, etc.

## Typical Application

Kingii is mainly used for supporting laser, industrial furnace, injection molding machine, fermentation reaction tank, welding cutting machine, material testing platform, vacuum furnace, vacuum coating equipment, etc.

## Products Specifications

Model	Cooling Capacity W@25℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sK1	1200/1450	5-35	±0.2	25	1.7	8	Rp 1/2	360x475x655-60
sK2	1900/2300	5-35	±0.2	25	1.7	12	Rp 1/2	430x540x720-60
sK3	2600/3200	5-35	±0.2	50	2.8	20	Rp 1/2	500x605x812-72
sK4	3600	5-35	±0.2	50	3.6	30	Rp 1/2	540x705x922-72
sK5	5600/6600	5-35	±0.2	80	3.6	50	Rp 1	540x880x972-92
sK6	8000	5-35	±0.2	80	3.6	60	Rp 1	620x980x1072-92
sK7.04	10K	5-35	±0.2	100	3.8	120	Rp 1	620x980x1072-92
sK7.05	15K	5-35	±0.2	100	3.8	120	Rp 1	620x1260x1162-92

Model	Cooling Capacity W@25℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sK1β	900/1100	-20-35	±0.2	15	1.7	8	Rp 1/2	360x475x655-60
sK2β	1600/1900	-20-35	±0.2	15	1.7	12	Rp 1/2	430x540x720-60
sK3β	2200/2600	-20-35	±0.2	30	2.8	20	Rp 1/2	500x605x812-72
sK4β	3200	-20-35	±0.2	35	3.6	30	Rp 1/2	540x705x922-72
sK5β	5200/5800	-20-35	±0.2	60	3.6	50	Rp 1	540x880x972-92
sK6β	7200	-20-35	±0.2	60	3.6	60	Rp 1	620x980×1072-92
sK7β04	8K	-20-35	±0.2	60	3.8	120	Rp 1	620x980×1072-92
sK7β05	12K	-20-35	±0.2	60	3.8	120	Rp 1	620x1260×1162-92
rK1	1200/1450	5-35	±1	25	1.7	8	Rp 1/2	360x475x655-60
rK2	1900/2300	5-35	±1	25	1.7	12	Rp 1/2	430x540x720-60
rK3	2600/3200	5-35	±1	50	2.8	20	Rp 1/2	500x605x812-72
rK4	3600	5-35	±1	50	3.6	30	Rp 1/2	540x705x922-72
rK5	5600/6600	5-35	±1	80	3.6	50	Rp 1	540x880x972-92
rK6	8000	5-35	±1	80	3.6	60	Rp 1	620x980×1072-92
rK7.04	10K	5-35	±1	100	3.8	120	Rp 1	620x980×1072-92
rK7.05	15K	5-35	±1	100	3.8	120	Rp 1	620x1260×1162-92
sK5γ	3.5K	-40-35	±0.5	20	3.5	50	Rp 1	540x880x972-92
sK6γ	5.0/6.5K	-40-35	±0.5	25	3.5	60	Rp 1	620x980×1072-92
sK7γ05	6/7.2K	-40-35	±0.5	50	4	120	Rp 1	620x980×1072-92
sK7γ07	8K/10K	-40-35	±0.5	50	4	120	Rp 1	620x1260×1162-92

※ Optional for different flow and pressure;

※ Cooling capacity maybe different upon global power supply;

※ RS232 & RS485 Communication available.

## tK/tA Dual Temperature Chiller

— For laser and machine tool

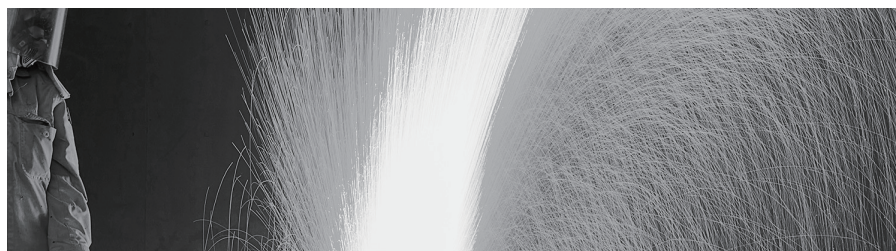


### Product Introduction

tK and tA series chiller are specially designed for laser machine cooling, with double pumps and double temperature control systems. Main loop for laser efficient cooling, second loop can be set at a higher temperature for optical head cooling so that it will not remain condense water on optical head. KD series equipped with function of room temperature adjustment, to prevent condensation.

### Functions and Features

- ◎ Famous brand compressor and other key components, reliable performance;
- ◎ Branded stainless steel pump;
- ◎ Stainless steel reservoir and pipe fittings, stainless steel ,PPR or other corrosion resistant materials pipeline, prevent corrosion;
- ◎ Equipped with special water filter, water pressure gauge and water level indicator, which can protect water quality, observe water pressure and level;
- ◎ Variety of alarm functions: such as flow alarm, liquid level alarm, high and low temperature alarm; phase sequence protection, compressor high temperature protection, compressor delay protection, compressor over current protection.



## Typical Application

KD series chiller mainly used in laser industry, such as laser cutting, laser welding, laser cladding equipment.

## Products Specifications

Model	Cooling Capacity W@25℃ ℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Main pump Max Flow L/min	Main pump Max Pressure Bar	Secondary pump Max Flow L/min	Secondary pump Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
tK2	1600/2100	5-35	±0.2	5	4.5	5	4.5	12	Rp1/2+Rp1/2	430x540x720-60
tK3	2400/3000	5-35	±0.2	20	3.5	20	3.5	20	Rp1/2+Rp1/2	500x605x812-72
tK4	3200	5-35	±0.2	50	4	50	4	30	Rp1/2+Rp1/2	540x705x922-72
tK5	5200/6200	5-35	±0.2	60	3.6	50	4.6	50	Rp1+Rp 1/2	540x880x972-92
tK6	7200	5-35	±0.2	80	3.6	60	4.6	60	Rp1+Rp 1/2	620x980x1072-92
tK7.04	10K	5-35	±0.2	100	3.8	60	4.6	120	Rp1+Rp 1/2	620x980x1072-92
tK7.05	15K	5-35	±0.2	100	3.8	60	4.6	120	Rp1+Rp 1/2	620x1260x1162-92

Model	Cooling Capacity W@25℃ ℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Main pump Max Flow L/min	Main pump Max Pressure Bar	Secondary pump Max Flow L/min	Secondary pump Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
tA1.06	5-35	18/21	±0.2	60	5.5	40	5.5	160	Rp 1+Rp1/2	680x1200x1744-130
tA1.08	5-35	22/25	±0.2	60	5.5	40	5.5	160	Rp 1+Rp1/2	680x1200x1744-130
tA1.10	5-35	30/35	±0.2	60	5.5	40	5.5	160	Rp 1+Rp1/2	680x1200x1744-130
tA2.13	5-35	35	±0.2	240	5.8	50	5.5	220	Rp 1-1/2+Rp1/2	780x1550x1780-130
tA2.16	5-35	45	±0.2	240	5.8	50	5.5	220	Rp 1-1/2+Rp1/2	780x1550x1780-130
tA3.20	5-35	60	±1	300	5.1	80	5.8	360	Rp 1-1/2+Rp1/2	980x1960x2300
tA3.24	5-35	70	±1	300	5.1	80	5.8	360	Rp 1-1/2+Rp1/2	980x1960x2300
tA3.32	5-35	90	±1	400	5.1	120	5.8	360	Rp 2+Rp1	980x1960x2300
tA4.40	5-35	110	±1	400	5.1	120	5.8	580	Rp 2+Rp1	980x2955x2300
tA4.52	5-35	140	±1	400	5.1	120	5.8	580	Rp 2+Rp1	980x2955x2300
tA5.40	5-35	110	±1	550	5.4	150	6.8	680	DN65 Flange+DN40 Flange	1900x3000x2370
tA5.48	5-35	130	±1	550	5.4	150	6.8	680	DN65 Flange+DN40 Flange	1900x3000x2370
tA5.64	5-35	180	±1	550	5.4	150	6.8	680	DN65 Flange+DN40 Flange	1900x3000x2370
tA6.72	5-35	210	±1	600	6.5	150	6.8	680	DN65 Flange+DN40 Flange	1900x4180x2370
tA6.96	5-35	270	±1	950	4.8	150	6.8	680	DN65 Flange+DN40 Flange	1900x4180x2370



# KingPii (KP) Pure water Chiller

— Special for Electronic Industry and Laser Unit



## Product Introduction

KingPii (KP) series pure water chiller is designed for industrial equipment with high water quality requirement, stainless steel reservoir, stainless steel pump, PPR or PU pipes, particle filter, PP cotton mixed bed resin purifier, recycled water or ultrapure water, can be used on electronics industry, precision instruments, precision laser equipment.

## Typical Application

KP series chiller mainly used for all kinds of different power solid YAG, fiber, semiconductor, carbon dioxide laser; It can be matched with laser cutting machine, laser welding machine, laser marking machine, laser engraving machine, laser etching machine, laser scribing machine, laser edge cleaning machine, laser rangefinder, laser therapy instrument and other laser equipment. It is suitable for strictly requirement of water quality like electronic and power industries.

## Functions and Features

- Adopt front air come-in design, which is easily for condenser cleaning.
- With leakage protector, external operation button, protect operator safety;
- Imported main components for higher reliability with smaller size;;
- High quality water pump, large flow, high head, low noise and long life;
- Stainless steel reservoir, easy to dismantle and clean, to ensure the water purity;
- New generation A4009B2 controller. Touch and knob operation button for parameter setting, double display for temperature and water quality.
- Optional temperature setting for room temperature adjusting or regular setting.
- Optional for water loop interface.
- Multiple alarm protection functions: compressor time-delay protection, compressor over-current protection, water quality alarm, water flow alarm, temperature alarm, etc.

## Products Specifications

Model	Cooling Capacity W@25℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sK1p	1200/1450	5-35	±0.2	25	1.7	8	Rp 1/2	360x475x655-60
sK2p	1900/2300	5-35	±0.2	25	1.7	12	Rp 1/2	430x540x720-60
sK3p	2600/3200	5-35	±0.2	50	2.8	20	Rp 1/2	500x605x812-72
sK4p	3600	5-35	±0.2	50	3.6	30	Rp 1/2	540x705x922-72
sK5p	5600/6600	5-35	±0.2	80	3.6	50	Rp 1	540x880x972-92
sK6p	8000	5-35	±0.2	80	3.6	60	Rp 1	620x980x1072-92
sK7p04	10K	5-35	±0.2	100	3.8	120	Rp 1	620x980x1072-92
sK7p05	15K	5-35	±0.2	100	3.8	120	Rp 1	620x1260x1162-92

## Abilii (A) Industry Large Chiller

— Special for large-medium industrial equipment



### Product Introduction

The Abilii (A) series chiller is a kind of air cooling integrated chiller for medium-large scale industrial equipment. It adopts double plate type condenser, air comes in from side, out on top. Better for environment, blue hydrophilic film condensation fin heat with highly exchange efficiency, beautiful and convenient cleaning. Humanized design easy for observation and parameter setting, reasonable structure and flexible configuration, it is a universal supporting chiller for refrigeration of medium-large industrial equipment.

### Functions and Features

- Branded main components, to ensure excellent quality, safety and reliability;
- With two control modes of "setting temperature" and "room temperature", the user can choose according to the actual needs;
- Multiple protection functions, with fault location alarm display, easy maintenance. Passive contact (normally closed) alarm output and remote control, can connect to the machine control system to protect the machine;
- Optional dual system mode, sequential start, automatic switch;
- Optional water filtration system to ensure the purity of water.

### Products Specifications

Model	Cooling Capacity KW@25℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sA1.06	18/21	5-35	±0.2	100	3.8	160	Rp 1	680x1200x1744-130
sA1.08	22/25	5-35	±0.2	100	3.8	160	Rp 1	680x1200x1744-130
sA1.10	30/35	5-35	±0.2	100	3.8	160	Rp 1	680x1200x1744-130
sA2.12	35	5-35	±0.2	240	3.5	220	Rp 1-1/2	780x1550x1780-130
sA2.16	45	5-35	±0.2	240	3.5	220	Rp 1-1/2	780x1550x1780-130
sA3.20	60	5-35	±0.2	350	3.8	330	Rp 1-1/2	880x1960x2300
sA3.26	70	5-35	±0.2	350	3.8	330	Rp 1-1/2	880x1960x2300
sA3.32	90	5-35	±0.2	400	5.1	330	Rp 1-1/2	880x1960x2300
sA1β06	16/18	-20-35	±0.2	80	2.8	160	Rp 1	680x1200x1744-130
sA1β08	20/22	-20-35	±0.2	80	2.8	160	Rp 1	680x1200x1744-130
sA1β10	25/30	-20-35	±0.2	80	2.8	160	Rp 1	680x1200x1744-130
sA2β12	30	-20-35	±0.2	240	3.5	220	Rp 1-1/2	780x1550x1780-130
sA2β16	40	-20-35	±0.2℃	240	3.5	220	Rp 1-1/2	780x1550x1780-130
sA3β20	50	-20-35	±0.2	300	3.8	330	Rp 1-1/2	880x1960x2300
sA3β26	64	-20-35	±0.2	300	3.8	330	Rp 1-1/2	880x1960x2300
sA3β32	80	-20-35	±0.2	300	3.8	330	Rp 1-1/2	880x1960x2300
sA1γ08	10/13	-40-35	±0.2	25	3	160	Rp 1	680x1200x1744-130
sA1γ10	15/16	-40-35	±0.2	25	3	160	Rp 1	680x1200x1744-130
sA1γ12	20	-40-35	±0.2	50	5	160	Rp 1	680x1200x1744-130
sA2γ20	30/36	-40-35	±1	50	5	220	Rp 1-1/2	780x1550x1780-130
sA2γ24	40	-40-35	±1	60	6	330	Rp 1-1/2	780x1550x1780-130

## Products Specifications

Model	Cooling Capacity KW@25°C 50/60Hz	Temperature Range °C	Temperature Stability °C	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
rA1.06	16/20	5-35	±1	100	3.8	160	Rp 1	680x1200x1744-130
rA1.08	20/24	5-35	±1	100	3.8	160	Rp 1	680x1200x1744-130
rA1.10	30/35	5-35	±1	100	3.8	160	Rp 1	680x1200x1744-130
rA2.12	36/42	5-35	±1	240	3.5	220	Rp 1-1/2	780x1550x1780-130
rA2.16	44/48	5-35	±1	240	3.5	220	Rp 1-1/2	780x1550x1780-130
rA3.20	60	5-35	±1	300	3.8	330	Rp 1-1/2	880x1960×2300
rA3.24	70	5-35	±1	300	3.8	330	Rp 1-1/2	880x1960×2300
rA3.32	90	5-35	±1	400	5.1	330	Rp 1-1/2	880x1960×2300
rA4.40	110	5-35	±1	400	5.1	580	Rp 2	980x2955x2300
rA4.52	140	5-35	±1	400	5.1	580	Rp 2	980x2955x2300
rA5.40	120/140	5-35	±1	550	5.4	680	DN65 Flange	1900x3000x2270
rA5.48	140	5-35	±1	550	5.4	680	DN65 Flange	1900x3000x2270
rA5.64	180	5-35	±1	550	5.4	680	DN65 Flange	1900x3000x2270
rA6.72	210	5-35	±1	660	6.5	680	DN65 Flange	1900x4180x2270
rA6.96	270	5-35	±1	660	6.5	680	DN65 Flange	1900x4180x2270
rA1β08	16/20	-20-35	±1	80	2.8	160	Rp 1	680x1200x1744-130
rA1β10	24/30	-20-35	±1	80	2.8	160	Rp 1	680x1200x1744-130
rA2β12	32	-20-35	±1	240	3.5	220	Rp 1-1/2	780x1550x1780-130
rA2β16	40	-20-35	±1	240	3.5	220	Rp 1-1/2	780x1550x1780-130
rA3β20	50	-20-35	±1	300	3.8	330	Rp 1-1/2	980x1960×2300
rA3β24	64	-20-35	±1	300	3.8	330	Rp 1-1/2	980x1960×2300
rA3β32	80	-20-35	±1	400	5.1	330	Rp 1-1/2	980x1960×2300

Model	Cooling Capacity KW@25°C 50/60Hz	Temperature Range °C	Temperature Stability °C	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
rA4β40	100	-20-35	±1	400	5.1	580	Rp 2	980x2955x2300
rA4β52	130	-20-35	±1	400	5.1	580	Rp 2	980x2955x2300
rA5β40	100	-20-35	±1	550	5.4	680	DN65 Flange	1900x3000x2270
rA5β48	120	-20-35	±1	550	5.4	680	DN65 Flange	1900x3000x2270
rA5β64	160	-20-35	±1	550	5.4	680	DN65 Flange	1900x3000x2270
rA6β72	190	-20-35	±1	550	5.4	680	DN80 Flange	1900x4180x2270
rA6β96	240	-20-35	±1	550	5.4	680	DN80 Flange	1900x4180x2270

## Typical Application

Ap series chiller are specially designed for industrial equipment with high water quality requirement, stainless steel reservoir stainless steel pump, PPR or PU pipes, particle filter, PP cotton mixed bed resin purifier, recycled water or ultrapure water, can be used on electronics industry, precision instruments, precision laser equipment.

## Products Specifications

Model	Cooling Capacity KW@25°C 50/60Hz	Temperature Range °C	Temperature Stability °C	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
sA1p06	18/21	5-35	±0.2	100	3.8	160	Rp 1	680x1200x1744-130
sA1p08	22/25	5-35	±0.2	100	3.8	160	Rp 1	680x1200x1744-130
sA1p10	30/35	5-35	±0.2	100	3.8	160	Rp 1	680x1200x1744-130
sA2p12	35	5-35	±0.2	240	3.5	220	Rp 1-1/2	780x1550x1780-130
sA2p16	45	5-35	±0.2	240	3.5	220	Rp 1-1/2	780x1550x1780-130
sA3p20	60	5-35	±0.2	350	3.8	330	Rp 1-1/2	880x1960×2300
sA3p26	70	5-35	±0.2	350	3.8	330	Rp 1-1/2	880x1960×2300
sA3p32	90	5-35	±0.2	400	5.1	330	Rp 1-1/2	880x1960×2300

## Royalii (RG) Split Type Chiller

— Environmentally friendly Air-cooled device for industry

### Product Introduction

Royalii (RG) air-cooled split type chiller is composed of indoor unit and outdoor unit.



The indoor unit is consist of water pump, water reservoir and evaporator while the outdoor unit consist of compressor, fan and condenser, which can discharge all heat and noise outside. Split type design improve comfort and reduce the noise, at the same time enhance the cooling capacity. Their large refrigeration capacity with steady operation also used as a central supply of cooling water for labs or complete buildings.

### Typical Application

Royalii (RG) chiller is environmental friendly and suitable for advanced laboratory equipment, serve as great partners of industrial equipment. RG chiller fit perfectly with X-ray Diffractometer(XRD), X-ray Fluorescence Spectrometer(XRFS), Large Field Emission Electron Microscope, Plasma Etcher, Vacuum Plating Equipment, Ion Plating Equipment, Vacuum Furnace, Industrial Furnace and other Industrial Equipment with large calorific capacity. Additionally, RG series can also be used as central chillers to simulta neously meet the requirements of multiple instruments.

### Functions and Features

- Industrial-designed outdoor unit, high efficiency, avoid plastic parts, durable and long life;
- Equipped with compressor heating at low-temperature , fan speed regulation function, suitable for wide range of outdoor temperature;
- Stainless steel water tank with large opening in favour of filling and cleaning process;
- Adopted with hgih pressure pump;
- Easy to monitor refrigeration system high and low pressure;
- Comprehensive design with over-heating, over-flow protection, high and low pressure protection and phase sequence / phase loss protection for compressor.

### Products Specifications

Model	Cooling Capacity KW@25°C 50/60Hz	Temper ature Range °C	Temper ature Stability °C	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Conne ction	Overall Dimension W*D*H mm
RG0206A	5.6/6.6	5-35	±0.1	50	3.6	60	Rp 1	960×410×833
RG0308A	8.0/10.0	5-35	±0.1	50	3.6	80	Rp 1	960×410×833
RG0515A	15/17	5-35	±0.1	100	3.8	150	Rp 1	960×410×1230
RG0620A	18/21	5-35	±0.1	100	3.8	200	Rp 1	700×800×1180
RG0820A	22/24	5-35	±0.1	100	3.8	200	Rp 1	700×800×1180
RG1026A	30/35	5-35	±0.1	100	3.8	260	Rp 1	800×900×1298
RG1236A	35	5-35	±0.1	240	3.5	360	Rp 1-1/2	800×900×1298
RG1636A	45	5-35	±0.1	240	3.5	360	Rp 1-1/2	900×1000×1525



Model	Cooling Capacity KW@25℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Size of Connection	Overall Dimension W*D*H mm
RG0206	5.2	5-35	±2	50	3.6	60	Rp 1	850×290×580
RG0308	6.6	5-35	±2	50	3.6	80	Rp 1	865×310×710
RG0515	12	5-35	±2	100	3.8	150	Rp 1	910×310×1300
RG0620	18/21	5-35	±2	100	3.8	200	Rp 1	700×800×1180
RG0820	22/24	5-35	±2	100	3.8	200	Rp 1	700×800×1180
RG1026	30/35	5-35	±2	100	3.8	260	Rp 1	800×900×1298
RG1236	35	5-35	±2	240	3.5	360	Rp 1-1/2	800×900×1298
RG1636	45	5-35	±2	240	3.5	360	Rp 1-1/2	900×1000×1525
RG2050	60	5-35	±2	400	3.8	500	Rp 2	980×1960×1460
RG2450	70	5-35	±2	400	3.8	500	Rp 2	980×1960×1460
RG3250	90	5-35	±2	400	3.8	500	Rp 2	980×1960×1460
RG4080	110	5-35	±2	400	5.1	800	Rp 2	980×2950×1460
RG5080	140	5-35	±2	400	5.1	800	Rp 2	980×2950×1460
RG501T	140	5-35	±2	400	5.1	1000	Rp 2	980×2950×1460
REG40T	120	5-35	±2	550	5.4	1000	DN65 Flange	1900×2350×2218
REG48T	140	5-35	±2	550	5.4	1000	DN65 Flange	1900×2350×2218
REG64T	180	5-35	±2	550	5.4	1000	DN65 Flange	1900×2350×2218
REG72T	210	5-35	±2	550	5.4	1000	DN65 Flange	1900×2350×2218
REG96T	270	5-35	±2	550	5.4	1000	DN65 Flange	1900×2350×2218

※Optional for different flow and pressure;

※Appropriate frequency and voltage can be choosed;

※Cooling capacity maybe different upon global power supply;

※RS232 & RS485 Communication available.

## Leadii (L/N) Water-cooled Chiller

— Special for for industry

### Product Introduction

L/N series water cooled chiller is a cooling equipment cooling by external cool water.

Compared with air cooled chiller, it advantages by smaller size and lower noise without heat emissions. Especially suitable for cooling water pipe network or cooling tower with high environmental requirements. L series come with wide range of cooling capacity from 5KW to 200KW, able to meet requirement from various industry customer.



### Functions and Features

- ◎ Top type stainless steel reservoir, easy to clean;
- ◎ Multiple stage centrifugal stainless steel water pump, stainless steel or PPR pipeline;
- ◎ Detachable panel, easy to maintenance;
- ◎ Microcomputer light touch button operation, double parameter digital display, easy to operate;
- ◎ Multiple protection system, compressor overheating protection, over current protection, high and low pressure protection, phase sequence/lack of phase protection, exhaust overheating protection;
- ◎ Optional PID intelligent temperature controller, temperature stability ±0.1℃;
- ◎ Optional PP cotton filter and resin ion filter, ensure the water quality to prevent circulation pipeline scaling.

## Typical Application

L/N series chiller is suitable for medium and large scale industrial equipment, such as vacuum coating machine, X-ray instrument, high-power laser, vacuum furnace, pharmaceutical machinery, etc.



## Products Specifications

Model	Cooling Capacity KW@25℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Cooling water connection	Freezing water connection	Overall Dimension W*D*H mm
sN06	1360/1480	5-40	±0.1	30	2.8	6.5	Rp1/2	Rp1/2	380x635x615
sN08	1860/2130	5-40	±0.1	30	2.8	6.5	Rp1/2	Rp1/2	380x635x615
sN10	2560/3060	5-40	±0.1	30	2.8	6.5	Rp1/2	Rp1/2	380x635x615
sN16	3550	5-40	±0.1	50	3.5	10	Rp1/2	Rp3/4	450x700x680
sN20	5150	5-40	±0.1	50	3.5	10	Rp1/2	Rp3/4	450x700x680
sN30	7200	5-40	±0.1	50	3.5	10	Rp1/2	Rp3/4	450x700x680

※ Global Voltage available, enable to be operated anywhere in the world.

※ Optional RS232 & RS485 Communication.

## Products Specifications

Model	Cooling Capacity KW@25℃ 50/60Hz	Heating Capacity KW@25℃ 50/60Hz	Temperature Range ℃	Temperature Stability ℃	Max Flow L/min	Max Pressure Bar	Reservoir L	Cooling water connection	Freezing water connection	Overall Dimension W*D*H mm
sL02	5.6/6.6	1.26/1.6	5-35	±0.1	50	3.6	60	Rp 1	Rp 3/4	380×635×880
sL03	8.0/10.0	1.5	5-35	±0.1	50	3.6	80	Rp 1	Rp 3/4	430×635×940
sL05	15/17	2.8	5-35	±0.1	100	3.8	150	Rp 1	Rp 1	540×800×1060
sL06	18/21	3.5	5-35	±0.1	100	3.8	200	Rp 1	Rp 1	620×980×1198
sL08	22/24	4.5	5-35	±0.1	100	3.8	200	Rp 1	Rp 1	620×980×1198
sL10	30/35	5.1	5-35	±0.1	100	3.8	260	Rp 1	Rp 1-1/2	700×1100×1338
sL12	35	5.8	5-35	±0.1	240	3.5	360	Rp 1-1/2	Rp 1-1/2	800×1210×1463
sL16	45	7.2	5-35	±0.1	240	3.5	360	Rp 1-1/2	Rp 1-1/2	800×1210×1463
rL02	5.6/6.6	1.26/1.6	5-35	±2	50	3.6	60	Rp 1	Rp 3/4	380×635×880
rL03	8.0/10.0	1.5	5-35	±2	50	3.6	80	Rp 1	Rp 3/4	430×635×940
rL05	15/17	2.8	5-35	±2	100	3.8	150	Rp 1	Rp 1	540×800×1060
rL06	18/21	3.5	5-35	±2	100	3.8	200	Rp 1	Rp 1	620×980×1198
rL08	22/24	4.5	5-35	±2	100	3.8	200	Rp 1	Rp 1	620×980×1198
rL10	30/35	5.1	5-35	±2	100	3.8	260	Rp 1	Rp 1-1/2	700×1100×1338
rL12	35	5.8	5-35	±2	240	3.5	360	Rp 1-1/2	Rp 1-1/2	800×1210×1463
rL16	45	7.2	5-35	±2	240	3.5	360	Rp 1-1/2	Rp 1-1/2	800×1210×1463
rL20	60	-	5-35	±2	400	3.8	500	Rp 2	Rp 2	880×1500×1515
rL24	70	-	5-35	±2	400	3.8	500	Rp 2	Rp 2	880×1500×1515
rL32	90	-	5-35	±2	400	3.8	500	Rp 2	Rp 2	880×1500×1515
rL40	110	-	5-35	±2	400	5.1	800	Rp 2	Rp 2	980×1800×1795
rL50	140	-	5-35	±2	400	5.1	800	Rp 2	Rp 2	980×1800×1795
rL64	180	-	5-35	±2	600	5.1	1000	Rp 2	Rp 2	1080×1800×1995

# Macrii (MC) Temperature Control System

## — Special for Electric Vehicle Test

### Product Introduction

EV test temperature control system is a professional temperature control system based on the requirements of product performance, safety and environmental adaptability in the new energy electric vehicle industry. It can meet the environmental simulation, performance simulation, reliability and other professional test of motor, controller and battery package of new energy electric vehicle.



### Functions and Features

- The temperature control range: 5~120℃、-20~120℃,-40~120℃ and the temperature stability is  $\pm 1$ ℃ or  $\pm 0.5$ ℃.
- The flow control range: 2 ~ 20L/ min, 4 ~ 40L/ min and 4 ~ 60L/ min. The control precision is better than 0.2 L/ min.
- Special high-temperature refrigeration technology, compressor direct cooling temperature control, frequency conversion flow and the pressure control;
- Intelligent liquid return, automatic recovery the circulating liquid in the tested parts;
- Optional RS485/ CAN/ Ethernet communication mode;
- Independent modular design, easy to upgrade;
- Built-in leakage water reservoir design, effectively avoid pollution.

### Typical Application

It is widely used for motor-pair, endurance fatigue test, production line rapid detection, motor, controller, various performance tests of battery package, new product development, comprehensive environmental adaptability evaluation test, and the like.

### Products Specifications

	Cooling capacity	Cooling mode		Lowest control temperature	Output loop
MCc	08	U	-	C0	S
	03:8KW	U: Air-cooled		C0: Lowest temp. at 5℃	S:Single
	05:14KW	L: Water-cooled		C2: Lowest temp. at -20℃	D:Double
	08:22KW				T:Triple
	12:35KW				
	16:45KW				
	Cooling capacity	Cooling mode		Lowest control temperature	Output loop
MC†	12	U	-	C2	D
	08:22KW	U: Air-cooled		C2: Lowest temp. at -20℃	S:Single
	12:35KW	L: Water-cooled		C4: Lowest temp. at -40℃	D:Double
	16:45KW				T:Triple
	Cooling capacity	Cooling mode		Lowest control temperature	Output loop
MCa	16	U	-	C4	T
	08:12KW	U: Air-cooled		C4: Lowest temp. at -40℃	S:Single
	12:19KW	L: Water-cooled			D:Double
	16:26KW				T:Triple
	20:30KW				
	25:34KW				
	30:40KW				

# AA Oil-free Air Compressor

— Special for analysis equipment



## Product Introduction

AUWII oil-free air compressor is specially designed to support AAS, ICP-OES, ICP-MS, Termovap Sample Concentrator, etc. with pure, dry compressed air and constant pressure.

## Products Specifications

Model	Displacement	Press	Power	Main character	Overall Dimension
	L/min	Kgf/cm <sup>2</sup>	w		W×D×Hmm
AA320	20	0.05~3kg	260	Automatic drainage.	430×335×676
AA320A	20	0.05~3kg	320	Automatic drainage, internal electronic water removal	430×335×676
AA530	30	0.05~5kg	600	Automatic drainage.	500×335×706
AA530A	30	0.05~5kg	660	Automatic drainage, internal electronic water removal	500×335×706
AA530Z	30	0.05~5.5kg	800	Automatic drainage, high efficiency	500×335×706
AA650	50	0.05~6kg	1250	Automatic drainage.	560×400×830
AA780	80	0.05~7kg	1550	Automatic drainage.	560×400×830

## Note:

- AA oil free air compressor no need manual drainage, can be constantly use;
- AA\*A oil free air compressor adopts electronic water removal, mainly used in high temperature, high humidity area, can ensure that the outlet is dry.

## Functions and Features

- Double cylinder piston compressor, stable and reliable operation, put out pure oil without lubricate;
- Original air-cooled screw centrifugal dehydrator, cooling of compressed air rapidly, centrifugal separation of condensate;
- Optional electronic dehydrator, water removal thoroughly;
- Stainless steel storage sink which can prevent rust;
- Vertical design, independent suspension damping mechanism, nest egg type sound-absorbing sponge, less vibration, lower noise;
- Triple filters makes gas sophisticate and pure.

# DP100 Electronic Dryer

## Product Introduction

DP100 adopts innovative condensing mechanism, efficiently turns steam steam into liquid water. Continuous gas-liquid separation device can condense water without interruption, making the output air source stable and no pressure fluctuation.

## Functions and Features

- Automatic continuous drainage, without manual operation, and maintenance.
- Low noise, compact structure, space saving.
- Stable output pressure, pressure will not fluctuation due to drainage.

## Typical Application

AAS、ICP-OES、ICP-MS Air drying for analytical instruments.



## Products Specifications

Model	Displacement	Press	Power	Main character	Overall Dimension
	L/min	Kgf/cm <sup>2</sup>	w		W×D×Hmm
DP-100	10-50	≤8	220	Electronic refrigeration, automatic drainage	190×133×303