

用途特性

冷却系统是全封闭制冷系统，通过压缩机制冷，在与封闭液槽里的介质进行热交换使介质温度降低，通过循环泵送出。ZX系列采用PID控制，制冷快、温度稳定，满足需冷却仪器、设备的需要，达到保证仪器正常运行和节水的目的。可以预注蒸馏水或去离子水在机内循环，特别适合配套用于电子显微镜、X光机、激光器、质谱仪、X射线衍射仪、分子泵、核磁共振、加速器、真空镀膜设备、电子束焊机、离子喷涂、材料疲劳试验机、高低温试验箱等仪器、设备，以及同时工作于该温区的多台旋转蒸发仪、反应釜。

冷却液低温循环机

COOLING WATER CIRCULATION MACHINE

Characteristics of uses

The cooling system is closed by the refrigeration compressor, refrigeration system, and in the closed tank in the heat exchange medium to medium temperature decreased, the circulation pump out. ZX series of PID control, cooling fast, temperature stability, to meet the needs of cooling equipment, equipment needs, to ensure the normal operation of the instrument and the purpose of water saving. Pre injection of distilled water or deionized water in the machine cycle, especially suitable for supporting for electron microscopy, X-ray machine, lasers, spectrometers, X-ray diffraction, molecular pump, nuclear magnetic resonance (NMR), accelerator, a vacuum coating equipment, electron beam welding, plasma spraying, material fatigue testing machine, high and low temperature test box and so on instruments and equipment, and also work in the temperature region of multiple rotating evaporation instrument, a reaction kettle.

基本参数 Parameters

常温型冷却水循环泵（5℃~室温，水箱封闭型）

Normal temperature type cooling water circulation pump (5~25, water tank closed type)

参数 Model	控温精度 Temperature accuracy	储水量 Water storage (L)	最大扬程 Maximum lift (M)	最高扬程 The highest lift (M)	制冷量 Cooling capacity (W)	管路接口尺寸 Pipeline interface size	整机外尺寸 Outline size (mm)
ZX-LSJ-150	±(0.5-2)℃	1	14	3.4	248	DNS8内丝φ12mm	230×290×340
ZX-LSJ-300		5	14	3.4	473	DNS15内丝φ20mm	240×480×470
ZX-LSJ-600A		8	16.5	60	828	DNS15内丝φ20mm	340×580×600
ZX-LSJ-600B		8	22	4.6	828	DNS15内丝φ20mm	340×580×600
ZX-LSJ-600C		8	20	20	828	DNS15内丝φ20mm	400×600×700
ZX-LSJ-1000		15	16.5	60	1169	DNS15内丝φ20mm	400×600×700
ZX-LSJ-2000		20	16.5	60	2072	DNS15内丝φ20mm	400×600×700
2500W以上	可根据客户需求定制 (Can be customized according to customer needs)						

低温型冷却水循环泵（-20℃ -- 室温，水箱封闭型）

Low-temperature type cooling water circulation pump (-20°C -- 25°C, water tank closed type)

参数 Model	控温精度 Temperature accuracy	储水量 Water storage (L)	最大扬程 Maximum lift (M)	最高扬程 The highest lift (M)	制冷量 Cooling capacity (10℃时 W)	管路接口尺寸 Pipeline interface size	整机外尺寸 Outline size (mm)
ZX-LSJ-300D	±(0.5-2)℃	5	14	3.4	105	DNS15内丝φ20mm	240×480×470
ZX-LSJ-600DB		8	22	4.6	350	DNS15内丝φ20mm	340×580×600
ZX-LSJ-600DC		8	20	20	350	DNS15内丝φ20mm	340×580×600
ZX-LSJ-600A		8	16.5	60	828	DNS15内丝φ20mm	340×580×600

※ 注：1、水箱尺寸可定制。2、出水压力和流量可定制。3、加热功能可定制。4、远程控制系统可选配。

可选远程操控系列 Optional remote control series



智能控制面板
Intelligent control panel

信息再由智能Wifi转向智能控制面板

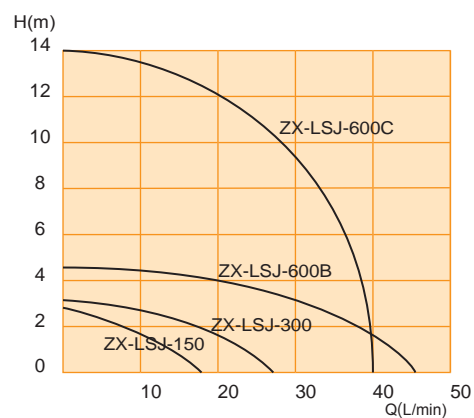
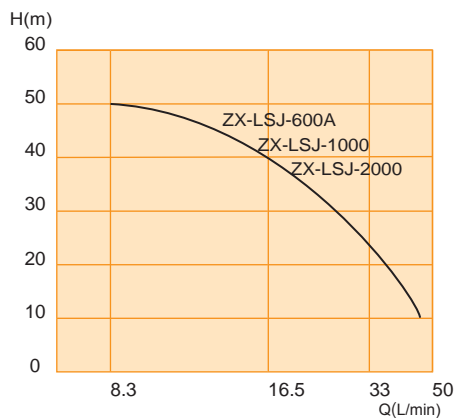
实时信息由智能空主面板转向智能Wifi



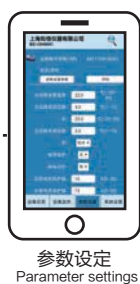
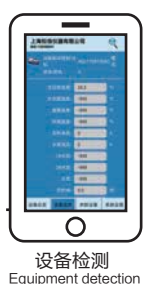
信息由手机App转向智能Wifi

实时信息再由智能Wifi转向手机App

泵性能曲线 Pump characteristic curve



ZX-LSJ-1000



控制器功能 Controller function

- 实时显示媒体温度，可查询压机电流、盘管温度，环境温度
- 掉电自动记忆各种参数
- 传感器故障自检功能
- 远程控制，远程监控功能，随时随地监控控制你的设备（选配3000元/套）
- Real-time display of media temperature, compressor current, coil temperature, ambient temperature
- Automatically memorize various parameters after power off
- Sensor failure self-test function
- Remote control, remote monitoring function, monitor and control your equipment anytime, anywhere (optional 3,000 yuan/set)

用途特性

冷却液循环机又称低温浴槽，可在机内开口槽中进行低温试验，也可将低温液体外循环。是用压缩机制冷方法的液体循环设备，可直接冷却试管，反应瓶等进行低温下的化学反应，进行化学品和生物制品低温储存，也可结合旋转蒸发仪、循环水真空泵、镀膜机、激光器等各种水冷却仪器进行水冷却处理。

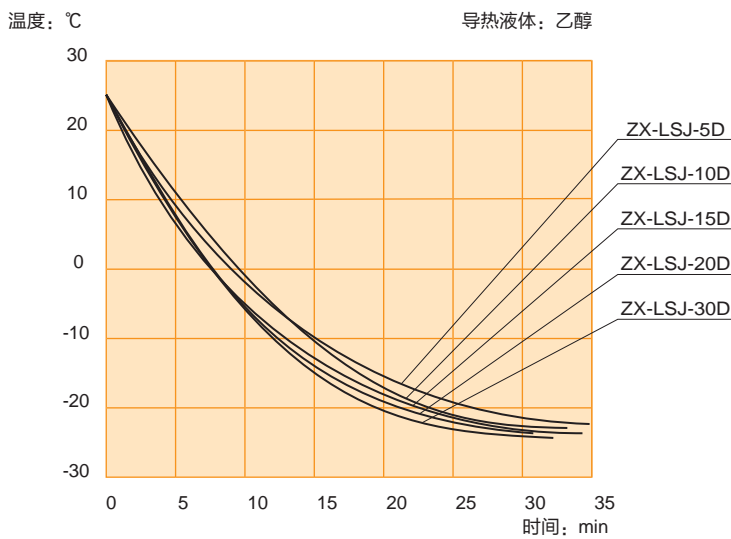
冷却液低温循环机

COOLING WATER CIRCULATION MACHINE

Characteristics of uses

The cooling liquid circulation machine is also called the low temperature bath , which can be used in the opening groove of the machine and can also be used in the outside circle.The cooling liquid circulation device using the method of vapor compression refrigeration to cooling liquid circulation apparatus,can be used for direct cooling tube and the reaction bottle for chemical reaction under low temperature , Chemical and biological products stored at low temperature , can also be combined with rotation evaporator , circulating water vacuum . Pump , coating machine , laser and other kinds of water cooling equipment for water cooling treatment.

降温时间曲线 Cooling time curve



ZX-LSJ-30D

基本参数 Parameters

参数 Parameter 型号Model	制冷量 Cooling capacity(W)		温度范围 Temperature range	控温精度 Temperature accuracy	储水量 Water storage (L)	水箱开口尺寸 Water tank opening size (mm)	最大流量 Maximum flow(L/min)	最高扬程 The highest lift(M)	出入口接口 Inlet and outlet interfaces	整机外尺寸 Outline size (mm)
	蒸发温度10°C Evaporation temperature 10°C	蒸发温度-20°C Evaporation temperature -20°C								
ZX-LSJ-5D	1160	218	-20~室温	±1°C	5	17×12	40	2.5	DN20外丝φ25mm	440×425×690
ZX-LSJ-10D	1400	330			10	20×20	40	2.5	DN20外丝φ25mm	480×464×690
ZX-LSJ-15D	2070	420			15	20×20	40	6.5	DN20外丝φ25mm	480×464×740
ZX-LSJ-20D	2275	595			20	20×20	40	18	DN20外丝φ25mm	480×464×810
ZX-LSJ-30D	2800	661			30	24×23	40	18	DN20外丝φ25mm	520×500×930

可选转接口 Optional adapter



ZX-LSJ-20D



ZX-LSJ-15D



ZX-LSJ-5D

常规组合装置 Conventional combination device

