2 YEAR
质保2年
2-YEAR WARRANTY

# Industrial Chiller
# 工业制冷系统

专注激光冷水机24年
24-Year Dedication to Laser Chiller




S&A 特域机电

2026

官网关注 微信关注

www.teyu.com.cn
www.teyuchiller.com

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# 专注激光冷水机 24 年

2002-2026

*24 Years Dedicated to Laser & Machine Tool Cooling*





UL 认证证书
UL certificate



SGS 认证证书
SGS certificate





ISO 质量管理体系认证证书
ISO certificate



产品专利证书
Product patent



CE 认证
CE approved



RoHS 认证
RoHS compliant



REACH 认证
REACH compliant



# 特域公司简介

广州特域机电有限公司（简称 特域机电 ）成立于 2002 年，是一家专注于工业制冷系统研发、生产、销售及全周期服务四位一体的现代化高新技术企业。公司总部坐落于粤港澳大湾区核心城市广州，旗下设立南沙、佛山两大智能制造基地，形成超 50000 平方米的研发制造集群；特域机电汇聚 700 多专业精英，拥有 6 条 MES 自动化柔性生产线，工业激光冷水机年设计产能超 30 万台。

特域机电专注工业温控领域 24 年，全系列冷水机产品基本覆盖工业激光设备不同功率的温控需求，并广泛应用于激光加工、生物医疗、新能源汽车、储能光伏、半导体、航空航天、3D 激光打印等工业制造领域，特域冷水机凭借技术领先、稳定可靠的产品力赢得国内外客户广泛认可与信赖，“TEYU”和“S&A”品牌已服务全球 100+ 国家和地区，为全球 10000+ 客户提供创新温控解决方案，2025 年出货量突破 23 万台，行业领先。

# About Us

Founded in 2002, Guangzhou Teyu Electromechanical Co., Ltd. (also known as TEYU) is a modern high-tech enterprise specializing in the R&D, manufacturing, sales, and full lifecycle service of industrial refrigeration systems. Headquartered in Guangzhou, the heart of China's Greater Bay Area, TEYU operates two intelligent manufacturing sites in Nansha and Foshan, forming a combined R&D and manufacturing base of over 50,000$m^2$. With a professional team of 700+ employees and six MES-based automated flexible production lines, TEYU boasts an annual design capacity of over 300,000 industrial laser chillers.

With 24 years of expertise in industrial temperature control, TEYU provides a comprehensive range of chiller products that meet the cooling demands of laser equipment across various power levels, serving diverse sectors such as laser processing, biomedicine, new energy vehicles, energy storage and photovoltaics, semiconductors, aerospace, and 3D laser printing. Backed by advanced technology and proven reliability, TEYU has earned broad recognition and trust worldwide. Under the"TEYU" and "S&A" brands, we have provided innovative cooling solutions to over 10,000 clients in more than 100 countries and regions, and the delivery of over 230,000 chiller units in 2025 ranks us among the industry leaders.









# 公司成长历程
## TEYU Company History Timeline

### 2002
广州特域机电
有限公司成立

Guangzhou Teyu
Electromechanical Co., Ltd.
was founded

### 2006
特域冷水机出货量
突破1万台

TEYU chiller sales volume
reached **10,000 units**

### 2013
设立特域分厂，
冷水机钣金与主要
配件实现自产

A branch plant was set up
to produce sheet metal and
major parts of chillers

### 2015
建立起18000平方
全新的工业制冷系统
研发中心和制造基地

Set up an **18,000㎡**
industrial refrigeration
system R&D center and
production base

### 2016
光纤激光专用冷水机
CWFL系列机型投入市场
广州市科技创新小巨人企业

CWFL series fiber laser chiller
launched on the market

Guangzhou **Municipal-Level**
Technology Innovation Little Giant

### 2020
广东省“专精特新”中小企业
特域智造集群年销量超80000台

Awarded Guangdong “Specialized
and Sophisticated” SMEs

The TEYU Smart Manufacturing
Cluster surpassed **80,000 units**
in annual sales.

### 2021
引进MES数字化先进产线
特域智造集群年销量超100000台

Introduced MES-based digital
production lines

The TEYU Smart Manufacturing
Cluster exceeded **100,000 units**
in annual sales.

### 2023
国家专精特新“小巨人”企业
特域苏州分公司成立
特域济南分公司成立
特域佛山分公司成立
全资子公司特誉智能装备有限公司成立

**National-Level** Specialized and
Sophisticated “Little Giant”

Established Suzhou, Jinan, and
Foshan branches

Set up Guangzhou Teyu Intelligent
Equipment Co., Ltd.

### 2024
广东省省级制造业单项冠军企业
建立起超50000平方米的研发制造集群
特域智造集群年销量突破200000台

Awarded Guangdong Manufacturing Single
Champion Enterprise

Expanded TEYU R&D and manufacturing
base to **50,000㎡**

The TEYU Smart Manufacturing Cluster reached
over **200,000 units** in annual sales.

### 2025
特域智造集群年出货量超23万台

The TEYU Smart Manufacturing Cluster
exceeded **230,000 units** in annual shipments.



# 公司全球销售网络
## TEYU Global Sales Network




海外服务点：捷克、德国、爱尔兰、意大利、荷兰、波兰、俄罗斯、土耳其、英国、印度、新加坡、韩国（南）、越南、新西兰、墨西哥、巴西
Overseas service points: Czech Republic, Germany, Ireland, Italy, Netherlands, Poland, Russia, Turkey, United Kingdom, India, Singapore, South Korea, Vietnam, New Zealand, Mexico, Brazil

# 严谨的质量管理体系
## Rigorous Quality Management System

### 生产环境设施
**定期完成生产设备与检测仪器校准及维护，确保精度与可靠性。**
全面推行6S现场管理，明确物料区与成品区，提升整洁与操作效率。
#### Production Environment & Facilities
Regular calibration and maintenance of production & testing equipment to ensure accuracy.
6S site management with defined material and product zones to improve efficiency.

### 供应链管理
**严格筛选和评估供应商，签订质量协议，确保原材料来源可靠。**
执行100%来料检验（IQC），杜绝不合格物料进入生产流程。
#### Supply Chain Management
Carefully assess suppliers and establish quality contracts to secure raw materials.
100% IQC prevents nonconforming materials from entering production.

### 生产过程控制
**引入MES系统实现生产全程数字化监控与管理。**
综合平均直通率稳定在95.5%以上，保障流程高效与质量一致。
#### Production Process Control
The MES system enables complete digital production monitoring and control.
An average first-pass yield above 95.5% ensures efficiency and stable quality.

### 产品检验与测试
**制程中设立检验点（IPQC），实时把控工序质量。**
成品实行全检（FQC），确保每台设备达标出厂。
#### Product Inspection & Testing
In-process quality checkpoints (IPQC) for real-time quality control.
100% final quality control (FQC) ensures every unit meets standards.

### 产品放行与交付
**放行前全面审核质量记录，确保产品符合标准。**
建立批次追溯机制，精准记录与追踪生产全过程。
#### Product Release & Delivery
Comprehensive review of quality records before release for compliance.
Batch traceability for precise recording and full production tracking.

### 客户反馈与售后服务
**及时响应并处理客户质量投诉，落实改进与反馈。**
定期开展客户满意度调研，驱动产品与流程持续优化。
#### Customer Feedback & After-Sales Service
Handle customer quality concerns promptly and apply corrective actions.
Regular customer satisfaction surveys drive product and process improvement.





严密把控和管理供应链，定期老化测试核心零部件，确保每个零部件符合质量标准

Strictly control and manage supply chain. Perform regular aging test on core components. Ensure that each component is compliant with quality standard



系统化仓库管理
Systematic warehouse management



引进先进产线，每个工位配置电脑管理系统，实时监控数据驱动精细化管理，增效提质

Introduce advanced production line. Each station is equipped with computer management system. Real-time monitoring data drives refined management, improving efficiency and quality

创新型研发团队，务实、进取，极力追求技术突破，实现产品性能和价值不断提升

Innovative, pragmatic and enterprising R&D team strives to achieve technical breakthrough to realize higher product performance and value



批量模块化生产，一步一序严格以工艺标准执行，实现高质高效生产

Strictly implement modular mass production with process standardization. Achieve high quality and high efficiency production





多个生产流程实现机器人自动化操作，保障安全生产，效能不断提升

Multiple production processes are performed by automatic robot. Ensure secure production and improve efficiency



钣金生产引进先进激光生产设备和UV打印设备，让生产实现跨越式转变

Introduce laser equipment and UV printing machine in sheet metal production. Production has achieved dramatic and positive change

先进数字化检测系统，由人工检测提升到电脑智能检测，实现标准化检测流程

Advanced digital testing system. Manual testing upgrades to computer intelligent testing to realize standardized testing process



## 北美权威UL认证工业和激光应用冷水机

UL Listed Chillers for North American Industrial and Laser Applications

### 安全品质双重保障

Dual Assurance of Safety & Quality

## SGS US国际认证光纤激光冷水机

SGS US International Approval Fiber Laser Chillers

### 北美UL标准 · 卓越制冷 · 信赖之选

North American UL Standards · Superior Performance · Trusted Choice




CW-5200TI




CW-6200BN




CWFL-15000KN




CWFL-3000HNP

CWFL-6000KNP




CWFL-20000KT

CWFL-30000KT

| 型 号 | MODEL | CW-5200TI | CW-6200BN |
|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | AC 1P 220~240V |
| 工作频率 | Frequency | 50/60Hz | 60Hz |
| 工作电流 | Current | 0.8~1.7A | 2.6~14A |
| 整机额定功率 | Max. power consumption | 0.84/0.94kW | 2.25kW |
| 压缩机功率 | Compressor power | 0.49/0.59kW | 1.7kW |
| | | 0.67/0.8HP | 2.3HP |
| 名义制冷量 | Nominal cooling capacity | 6039/7096Btu/h | 17145Btu/h |
| | | 1.77/2.08kW | 5.03kW |
| | | 1521/1788Kcal/h | 4320Kcal/h |
| 水泵功率 | Pump power | 0.1kW | 0.37kW |
| 水泵最大扬程 | Max. pump pressure | 25m | 28m |
| 额定流量 | Rated flow | 10L/min | 33L/min |
| 制冷剂 | Refrigerant | R-513A | R-410A |
| 温控精度 | Precision | ±0.3℃ | ±0.5℃ |
| 节流器 | Reducer | 毛细管Capillary | 毛细管Capillary |
| 水箱容量 | Tank capacity | 6L | 14L |
| 出入水口 | Inlet and outlet | 外径10mm宝塔接头<br>OD 10mm barbed connector | Rp1" |
| 净重 | N.W. | 27kg | 82kg |
| 毛重 | G.W. | 30kg | 92kg |
| 机器尺寸 | Dimension | 58 × 29 × 47cm (L × W × H) | 78 × 47 × 89cm (L × W × H) |
| 包装尺寸 | Package dimension | 65 × 39 × 56cm (L × W × H) | 84 × 61 × 104cm (L × W × H) |

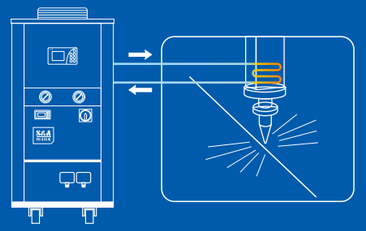
| 型 号 | MODEL | CWFL-15000KN |
|---|---|---|
| 工作电压 | Voltage | AC 3P 460V |
| 工作频率 | Frequency | 60Hz |
| 工作电流 | Current | 10.6~42.6A |
| 整机额定功率 | Max. power consumption | 25.9kW |
| 电辅助功率 | Heater power | 1000W+4800W |
| 温控精度 | Precision | ±1℃ |
| 节流器 | Reducer | 毛细管Capillary |
| 水泵功率 | Pump power | 5.5kW |
| 水箱容量 | Tank capacity | 210L |
| 出入水口 | Inlet and outlet | Rp1/2"+ Rp1-1/2" |
| 水泵最大扬程 | Max. pump pressure | 58m |
| 额定流量 | Rated flow | 5L/min+>150L/min |
| 净重 | N.W. | 538kg |
| 毛重 | G.W. | 613kg |
| 机器尺寸 | Dimension | 190 × 108 × 140cm (L × W × H) |
| 包装尺寸 | Package dimension | 202 × 123 × 161cm (L × W × H) |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

| 型 号 | MODEL | CWFL-3000HNP | CWFL-6000KNP | CWFL-20000KT | CWFL-30000KT |
|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 3P 220V | AC 3P 460V | AC 3P 460~480V | AC 3P 460~480V |
| 工作频率 | Frequency | 60Hz | 60Hz | 60Hz | 60Hz |
| 工作电流 | Current | 3.6~25.7A | 1.8~19.4A | 5~37.6A | 11.9~58.1A |
| 整机额定功率 | Max. power consumption | 6.93kW | 10.78kW | 24.1kW | 36.6kW |
| 电辅助功率 | Heater power | 800W+1800W | 600W+1800W | 5400W+1000W | 5400W+1800W |
| 温控精度 | Precision | ±0.5℃ | ±1℃ | ±1℃ | ±1℃ |
| 节流器 | Reducer | 毛细管Capillary | 毛细管Capillary | 热力膨胀阀<br>Thermostatic expansion valve | 热力膨胀阀<br>Thermostatic expansion valve |
| 水泵功率 | Pump power | 1kW | 1kW | 3kW | 7.5kW |
| 水箱容量 | Tank capacity | 40L | 70L | 210L | 250L |
| 出入水口 | Inlet and outlet | Rp1/2"+ Rp1" | Rp1/2"+ Rp1" | Rp1/2"+ Rp1-1/2" | Rp1/2"+ Rp2 |
| 水泵最大扬程 | Max. pump pressure | 59m | 59m | 70m | 80m |
| 额定流量 | Rated flow | 2L/min+>30L/min | 2L/min+>50L/min | 5L/min+>210L/min | 5L/min+>350L/min |
| 净重 | N.W. | 131kg | 178kg | 498kg | 817kg |
| 毛重 | G.W. | 150kg | 203kg | 573kg | 1055kg |
| 机器尺寸 | Dimension | 87 × 65 × 117cm (L × W × H) | 103 × 71 × 137cm (L × W × H) | 191 × 107 × 140cm (L × W × H) | 270 × 113 × 166cm (L × W × H) |
| 包装尺寸 | Package dimension | 95 × 77 × 135cm (L × W × H) | 112 × 82 × 150cm (L × W × H) | 203 × 123 × 162cm (L × W × H) | 285 × 137 × 194cm (L × W × H) |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.





# 光纤激光冷水机系列应用于光纤激光器冷却

通过对激光器进行冷却，保持激光器出光功率稳定和保证光束质量，提高激光器的使用寿命和切割精度

## For Fiber Laser Cooling

By cooling the laser device, our industrial chiller can keep laser output power stable and ensure light beam quality to improve the working life and cutting accuracy of the laser device.



# 光纤激光冷水机 CWFL 系列

## Fiber Laser Chiller Series

### 光纤激光冷水机选型参照表

Fiber Laser Chiller Selection Guide

| 产品系列 MODEL | 温控精度 Temperature Precision | 额定流量 Rated Flow | 水泵最大扬程 Max. Pump Pressure | 冷媒 Refrigerant | 冷却光纤激光器功率 Applicable Fiber Laser Power |
|---|---|---|---|---|---|
| CWFL-1000 | ±1°C | 1.5L/min+>10L/min | 30m | R-32/R-410A | 1000W |
| CWFL-1500 | ±1°C | 1.5L/min+>12L/min | 30m | R-32/R-410A | 1500W |
| CWFL-2000 | ±1°C | 1.5L/min+>20L/min | 40m | R-32/R-410A | 2000W |
| CWFL-3000 | ±1°C | 1.5L/min+>25L/min | 43m | R-32/R-410A | 3000W |
| CWFL-4000 | ±1°C | 2L/min+>40L/min | 59~61.5m | R-32/R-410A | 4000W |
| CWFL-6000 | ±1°C | 1.5L/min+>50L/min | 59~61.5m | R-32/R-410A | 6000W |
| CWFL-8000 | ±1°C | 2.5L/min+>65L/min | 59~61.5m | R-32/R-410A | 8000W |
| CWFL-12000 | ±1°C | 2.5L/min+>100L/min | 75~79m | R-32/R-410A | 12000W |
| CWFL-20000 | ±1.5°C | 5L/min+>150L/min | 67.5~84m | R-32/R-410A | 20000W |
| CWFL-30000 | ±1.5°C | 10L/min+>300L/min | 81~84m | R-32/R-410A | 30000W |
| CWFL-40000 | ±1.5°C | 10L/min+>400L/min | 68~84m | R-32/R-410A | 40000W |
| CWFL-60000 | ±1.5°C | 10L/min+>600L/min | 53~70m | R-32/R-410A | 60000W |
| CWFL-80000 | ±1.5°C | H: 10L/min L: >800L/min | H: 68m L: 70m | R-32/R-410A | 80000W |
| CWFL-120000 | ±1.5°C | 10L/min+>600L/min | 70m | R-32/R-410A | 120000W |
| CWFL-160000 | ±1.5°C | H: 10L/min L: >800L/min | H: 54m L: 70m | R-32/R-410A | 160000W |
| RMFL-1500 机柜式 Rack mount | ±1°C | 2L/min+>12L/min | 30m | R-32/R-410A | 1000W-1500W |
| RMFL-2000 机柜式 Rack mount | ±1°C | 2L/min+>15L/min | 40m | R-32/R-410A | 2000W |
| RMFL-3000 机柜式 Rack mount | ±1°C | 2L/min+>25L/min | 43m | R-32/R-410A | 3000W |
| CWFL-1500ANW | ±1°C | 1.5L/min+>15L/min | 30m | R-32/R-410A | 1000W-1500W |
| CWFL-2000ANW | ±1°C | 1.5L/min+>15L/min | 40m | R-32 | 2000W |
| CWFL-3000ENW | ±1°C | 2L/min+>20L/min | 43m | R-32 | 3000W |
| CWFL-6000ENW | ±1°C | 2L/min+>67L/min | 59~61.5m | R-32/R-410A | 6000W |

# 光纤激光冷水机
## Fiber Laser Chiller
CWFL-1000
CWFL-1500
CWFL-2000

低耗节能 Energy Saving
压缩机过流保护 Overcurrent Protection For Compressor
超温报警 Over Temp Alarm
流量报警 Flow Alarm
双温控系列 Dual Temp Control




| 型 号 | MODEL | CWFL-1000 | | CWFL-1500 | | CWFL-2000 | |
|---|---|---|---|---|---|---|---|
| | | CWFL-1000ANS04 | CWFL-1000BNS04 | CWFL-1500ANS04 | CWFL-1500BNS04 | CWFL-2000ANS04 | CWFL-2000BNS04 |
| 工作电压 | Voltage | AC 1P 220~240V | | AC 1P 220~240V | | AC 1P 220~240V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 1.2~8.6A | 1.2~7.4A | 1.2~9.6A | 1.2~8.8A | 2.4~13A | 2.4~15.8A |
| 整机额定功率 | Max. power consumption | 1.98kW | 1.95kW | 2.3kW | 2.09kW | 2.8kW | 3.31kW |
| 电辅助功率 | Heater power | 0.8kW | | 0.8kW | | 0.8kW | |
| 温控精度 | Precision | ±1℃ | | ±1℃ | | ±1℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.26kW | | 0.26kW | | 0.32kW | |
| 水箱容量 | Tank capacity | 12L | | 12L | | 22L | |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp1/2" | | Rp1/2"+Rp1/2" | | Rp1/2"+Rp1/2" | |
| 水泵最大扬程 | Max. pump pressure | 30m | | 30m | | 40m | |
| 额定流量 | Rated flow | 1.5L/min + >10L/min | | 1.5L/min + >12L/min | | 1.5L/min + >20L/min | |
| 净重 | N.W. | 39kg | 38kg | 40kg | 42kg | 52kg | 53kg |
| 毛重 | G.W. | 49kg | 48kg | 49kg | 51kg | 63kg | 64kg |
| 机器尺寸 | Dimension | 58 × 38 × 76cm (L × W × H) | | 58 × 38 × 76cm (L × W × H) | | 65 × 47 × 90cm (L × W × H) | |
| 包装尺寸 | Package dimension | 66 × 48 × 92cm (L × W × H) | | 66 × 48 × 92cm (L × W × H) | | 73 × 57 × 105cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



# 光纤激光冷水机
## Fiber Laser Chiller
CWFL-3000
CWFL-4000
CWFL-6000

低耗节能 Energy Saving
压缩机过流保护 Overcurrent Protection For Compressor
超温报警 Over Temp Alarm
流量报警 Flow Alarm
双温控系列 Dual Temp Control




| 型 号 | MODEL | CWFL-3000 | | CWFL-4000 | | CWFL-6000 | |
|---|---|---|---|---|---|---|---|
| | | CWFL-3000ANS04 | CWFL-3000BNS04 | CWFL-4000ENS03 | CWFL-4000BNS03 | CWFL-6000ENS04 | CWFL-6000FNS04 |
| 工作电压 | Voltage | AC 1P 220~240V | | AC 3P 380V | AC 1P 220~240V | AC 3P 380V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 2.3~14.4A | 2.3~15.1A | 2.3~16.8A | 8~29.6A | 2.1~18.8A | 2.9~23.2A |
| 整机额定功率 | Max. power consumption | 3.26kW | 3.5kW | 6.84kW | 6.3kW | 7.4kW | 8.6kW |
| 电辅助功率 | Heater power | 0.8kW | | 0.8kW+1.8kW | | 1kW+1.8kW | |
| 温控精度 | Precision | ±1℃ | | ±1℃ | | ±1℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.48kW | | 1.1kW | 1kW | 1.1kW | 1kW |
| 水箱容量 | Tank capacity | 22L | | 40L | | 40L | |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp1/2" | | Rp1/2"+Rp1" | | Rp1/2"+Rp1" | |
| 水泵最大扬程 | Max. pump pressure | 43m | | 61.5m | 59m | 61.5m | 59m |
| 额定流量 | Rated flow | 1.5L/min + >25L/min | | 2L/min + >40L/min | | 1.5L/min + >50L/min | |
| 净重 | N.W. | 58kg | 62kg | 90kg | 87kg | 94kg | 97kg |
| 毛重 | G.W. | 69kg | 73kg | 105kg | 102kg | 110kg | 113kg |
| 机器尺寸 | Dimension | 69 × 47 × 90cm (L × W × H) | | 75 × 56 × 102cm (L × W × H) | | 76 × 56 × 102cm (L × W × H) | |
| 包装尺寸 | Package dimension | 73 × 57 × 105cm (L × W × H) | | 78 × 65 × 117cm (L × W × H) | | 78 × 65 × 117cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 光纤激光冷水机
## Fiber Laser Chiller

CWFL-8000
CWFL-12000




# 光纤激光冷水机
## Fiber Laser Chiller

CWFL-20000
CWFL-30000

低耗节能 Energy Saving
压缩机过流保护 Overcurrent Protection For Compressor
超温报警 Over Temp Alarm
流量报警 Flow Alarm
双温控系列 Dual Temp Control
双效升温 Double-effect Heating




| 型 号 | MODEL | CWFL-8000 | | CWFL-12000 | |
|---|---|---|---|---|---|
| | | CWFL-8000ENS04 | CWFL-8000FNS04 | CWFL-12000ENS05 | CWFL-12000FNS05 |
| 工作电压 | Voltage | AC 3P 380V | | AC 3P 380V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 2.3~23A | 2.9~25.3A | 4.3~29.1A | 7.2~30.6A |
| 整机额定功率 | Max. power consumption | 10.33kW | 10.05kW | 13.12kW | 14.3kW |
| 电辅助功率 | Heater power | 1kW+1.8kW | | 2.5kW+1.8kW | |
| 温控精度 | Precision | ±1℃ | | ±1℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 1.1kW | 1kW | 2.2kW | 3kW |
| 水箱容量 | Tank capacity | 40L | | 70L | |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp1" | | Rp1/2"+Rp1" | |
| 水泵最大扬程 | Max. pump pressure | 61.5m | 59m | 75m | 79m |
| 额定流量 | Rated flow | 2.5L/min + >65L/min | | 2.5L/min +>100L/min | |
| 净重 | N.W. | 141kg | | 174kg | 173kg |
| 毛重 | G.W. | 158kg | | 194kg | 193kg |
| 机器尺寸 | Dimension | 88 × 66 × 119cm (L × W × H) | | 103 × 71 × 134cm (L × W × H) | |
| 包装尺寸 | Package dimension | 95 × 77 × 135cm (L × W × H) | | 112 × 82 × 150cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

| 型 号 | MODEL | CWFL-20000 | | CWFL-30000 | |
|---|---|---|---|---|---|
| | | CWFL-20000ETS04 | CWFL-20000FTS04 | CWFL-30000ET | CWFL-30000FT |
| 工作电压 | Voltage | AC 3P 380V | | AC 3P 380V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 7.9~47.8A | 8.4~47.1A | 15.8~70.7A | 15.8~68.3A |
| 整机额定功率 | Max. power consumption | 24.64kW | 25.5kW | 35.26kW | 36.15kW |
| 电辅助功率 | Heater power | 1kW+7.5kW | | 1.8kW+7.5kW | |
| 温控精度 | Precision | ±1.5℃ | | ±1.5℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 3.5kW | 3kW | 3.5kW+3.5kW | 3kW+3kW |
| 水箱容量 | Tank capacity | 170L | | 250L | |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp1" | | Rp1/2"+Rp1-1/2" | |
| 水泵最大扬程 | Max. pump pressure | 84m | 67.5m | 84m | 81m |
| 额定流量 | Rated flow | 5L/min+>150L/min | | 10L/min+>300L/min | |
| 净重 | N.W. | 260kg | | 463kg | 472kg |
| 毛重 | G.W. | 287kg | | 509kg | 518kg |
| 机器尺寸 | Dimension | 141 × 80 × 132cm (L × W × H) | | 206 × 96 × 131cm (L × W × H) | |
| 包装尺寸 | Package dimension | 148 × 93 × 140cm (L × W × H) | | 213 × 109 × 138cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 光纤激光冷水机
# Fiber Laser Chiller
CWFL-40000
CWFL-60000
CWFL-80000

低耗节能 Energy Saving
压缩机过流保护 Overcurrent Protection For Compressor
超温报警 Over Temp Alarm
流量报警 Flow Alarm
双温控系列 Dual Temp Control
双效升温 Double-effect Heating




| 型 号 | MODEL | CWFL-40000 | | CWFL-60000 | | CWFL-80000 |
|---|---|---|---|---|---|---|
| | | CWFL-40000ET | CWFL-40000FT | CWFL-60000ET | CWFL-60000FT | CWFL-80000ET |
| 工作电压 | Voltage | AC 3P 380V | | AC 3P 380V | | AC 3P 380V |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz |
| 工作电流 | Current | 17.4~91.9A | 17.4~88.7A | 23.4~142A | 25.6~136.4A | 23.4~149.6A |
| 整机额定功率 | Max. power consumption | 46.44kW | 47.96kW | 75.08kW | 77.54kW | 75.72kW |
| 电辅助功率 | Heater power | 1.8kW+12kW | | 1.8kW+24kW | | 12kW+1.8kW |
| 温控精度 | Precision | ±1.5℃ | | ±1.5℃ | | ±1.5℃ |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | | 毛细管Capillary |
| 水泵功率 | Pump power | H: 0.36kW L: 3.5kW+3.5kW | H: 0.36kW L: 3kW+3kW | H: 0.36kW L: 5.5kW+5.5kW | | H: 0.36kW L: 5.5kW+5.5kW |
| 水箱容量 | Tank capacity | 340L | | 500L | | 600L |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp2" | | Rp1/2"+Rp2"+2 | | Rp1/2"+Rp2" +2 |
| 水泵最大扬程 | Max. pump pressure | H: 68m L: 84m | H: 68m L: 81.5m | H: 68m L: 70m | H: 68m L: 53m | H: 68m L: 70m |
| 额定流量 | Rated flow | 10L/min+>400L/min | | 10L/min+>600L/min | | H: 10L/min L: >800L/min |
| 净重 | N.W. | 615kg | | 980kg | | 1492kg |
| 毛重 | G.W. | 659kg | | 1107kg | | 1859kg |
| 机器尺寸 | Dimension | 273 × 96 × 135cm (L × W × H) | | 262 × 139 × 169cm (L × W × H) | | 340 × 139 × 220cm (L × W × H) |
| 包装尺寸 | Package dimension | 278× 109 × 146cm (L × W × H) | | 284 × 161 × 178cm (L × W × H) | | 355 × 163 × 244cm (L × W × H) |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



# 光纤激光冷水机
# Fiber Laser Chiller
CWFL-120000

低耗节能 Energy Saving
压缩机过流保护 Overcurrent Protection For Compressor
超温报警 Over Temp Alarm
流量报警 Flow Alarm
双温控系列 Dual Temp Control
双效升温 Double-effect Heating




| 型 号 | MODEL | CWFL-120000 | |
|---|---|---|---|
| | | CWFL-120000ET 主机(Main) | CWFL-120000ET 副机(Auxiliary) |
| 工作电压 | Voltage | AC 3P 380V | AC 3P 380V |
| 工作频率 | Frequency | 50Hz | 50Hz |
| 工作电流 | Current | 34.3~132.5A | 34.3~132.5A |
| 整机额定功率 | Max. power consumption | 66.88kW | 66.88kW |
| 电辅助功率 | Heater power | 10.8kW+1.8kW | 10.8kW+1.8kW |
| 温控精度 | Precision | ±1.5℃ | ±1.5℃ |
| 节流器 | Reducer | 毛细管Capillary | 毛细管Capillary |
| 水泵功率 | Pump power | 5.5kW+5.5kW | 5.5kW+5.5kW |
| 水箱容量 | Tank capacity | 600L | 600L |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp2" +2 | Rp1/2"+Rp2" +2 |
| 水泵最大扬程 | Max. pump pressure | 70m | 70m |
| 额定流量 | Rated flow | 10L/min+>600L/min | 10L/min+>600L/min |
| 净重 | N.W. | 1305kg | 1305kg |
| 毛重 | G.W. | 1648kg | 1648kg |
| 机器尺寸 | Dimension | 340×139×190cm (L×W×H) | 340 × 139 × 190cm (L × W × H) |
| 包装尺寸 | Package dimension | 355×163×214cm (L×W×H) | 355 × 163 × 214cm (L × W × H) |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 光纤激光冷水机
## Fiber Laser Chiller
CWFL-160000

低耗节能 Energy Saving

流量报警 Flow Alarm

压缩机过流保护 Overcurrent Protection For Compressor

超温报警 Over Temp Alarm

双温控系列 Dual Temp Control

双效升温 Double-effect Heating




| 型 号 | MODEL | CWFL-160000 | |
|---|---|---|---|
| | | CWFL-160000ET 主机(Main) | CWFL-160000ET 副机(Auxiliary) |
| 工作电压 | Voltage | AC 3P 380V | AC 3P 380V |
| 工作频率 | Frequency | 50Hz | 50Hz |
| 工作电流 | Current | 30.2~159.5A | 30.2~159.5A |
| 整机额定功率 | Max. power consumption | 82.19kW | 82.19kW |
| 电辅助功率 | Heater power | 12kW+5.4kW | 12kW+5.4kW |
| 温控精度 | Precision | ±1.5°C | ±1.5°C |
| 节流器 | Reducer | 毛细管Capillary | 毛细管Capillary |
| 水泵功率 | Pump power | H: 0.75kW L: 5.5kW+5.5kW | H: 0.75kW L: 5.5kW+5.5kW |
| 水箱容量 | Tank capacity | 600L | 600L |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp2"*2 | Rp1/2"+Rp2"*2 |
| 水泵最大扬程 | Max. pump pressure | H: 54m L: 70m | H: 54m L: 70m |
| 额定流量 | Rated flow | H: 10L/min L: >800L/min | H: 10L/min L: >800L/min |
| 净重 | N.W. | 1492kg | 1492kg |
| 毛重 | G.W. | 1859kg | 1859kg |
| 机器尺寸 | Dimension | 340 × 139 × 220cm (L × W × H) | 340 × 139 × 220cm L × W × H) |
| 包装尺寸 | Package dimension | 355 × 163 × 244cm (L × W × H) | 355 × 163 × 244cm (L × W × H) |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 光纤激光冷水机
# Fiber Laser Chiller

CWFL-1500ANW
CWFL-2000ANW
CWFL-3000ENW



## 激光焊接一体机

可用于多种场景的激光焊接一体机
内置特域激光冷水机，安装手持激光器后组成轻型可移动手持激光焊接一体机
主要特点：轻型、可移动、节省空间，方便携带到各个应用场景的加工现场
解决痛点：用户无需重新设计机柜安装激光器和冷水机

### All-in-one Handheld Laser Welding Chiller (Fiber laser is not included)
### Applicable to various welding scenarios

With built-in S&A laser chiller, after installing a fiber laser for welding, it constitutes a portable and mobile handheld laser welding machine.
**Main features:** Lightweight, movable, space-saving, easy to carry to the processing site of various application scenarios
**Eliminated pain point:** Users do not need to design a rack to fit in the laser and the chiller.


CWFL-1500ANW




CWFL-6000ENW



| 型 号 | MODEL | CWFL-1500ANW | | CWFL-2000ANW | |
|---|---|---|---|---|---|
| | | CWFL-1500ANW16 | CWFL-1500BNW16 | CWFL-2000ANW16 | CWFL-2000BNW16 |
| 工作电压 | Voltage | AC 1P 220~240V | | AC 1P 220~240V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 1.2~9.1A | 1.2~9.7A | 2.4~11A | 2.4~10.5A |
| 整机额定功率 | Max. power consumption | 2.15kW | 1.98kW | 2.16kW | 2.15kW |
| 压缩机功率 | Compressor power | 1.25kW | 1.06kW | 1.2kW | 1.18kW |
| | | 1.7HP | 1.45HP | 1.63HP | 1.61HP |
| 制冷剂 | Refrigerant | R-32/R-410A | | R-32 | |
| 温控精度 | Precision | ±1℃ | | ±1℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.26kW | | 0.32kW | |
| 水箱容量 | Tank capacity | 10L | | 10L | |
| 出入水口 | Inlet and outlet | 快速接头Φ6+Φ12 Φ6+Φ12 Fast connector | | 快速接头Φ6+Φ12 Φ6+Φ12 Fast connector | |
| 水泵最大扬程 | Max. pump pressure | 30m | | 40m | |
| 额定流量 | Rated flow | 1.5L/min+>15L/min | | 1.5L/min+>15L/min | |
| 净重 | N.W. | 50kg | 52kg | 53kg | 50kg |
| 毛重 | G.W. | 63kg | 65kg | 66kg | 63kg |
| 机器尺寸 | Dimension | 93 × 40 × 72cm (L × W × H) | | 93 × 40 × 72cm (L × W × H) | |
| 包装尺寸 | Package dimension | 101 × 48 × 92cm (L × W × H) | | 101 × 48 × 92cm (L × W × H) | |

注：不同工况下，工作电流有所不同；以上信息仅供参考，一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

| 型 号 | MODEL | CWFL-3000ENW | | CWFL-6000ENW | |
|---|---|---|---|---|---|
| | | CWFL-3000ENW16 | CWFL-3000FNW16 | CWFL-6000ENW12 | CWFL-6000FNW12 |
| 工作电压 | Voltage | AC 3P 380V | | AC 3P 380V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 2.3~15.1A | 2.3~16.6A | 2.3~15.6A | 2.9~19.3A |
| 整机额定功率 | Max. power consumption | 3.27kW | 3.5kW | 6.7kW | 7.68kW |
| 压缩机功率 | Compressor power | 1.81kW | 2.01kW | 3.05kW | 4.2kW |
| | | 2.46HP | 2.73HP | 4.14HP | 5.71HP |
| 制冷剂 | Refrigerant | R-32 | | R-32 | R-410A/R-32 |
| 温控精度 | Precision | ±1℃ | | ±1℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.48kW | | 1.1kW | 1kW |
| 水箱容量 | Tank capacity | 16L | | 22L | |
| 出入水口 | Inlet and outlet | Φ20宝塔接头 +Φ6快速接头 Φ20 Barbed connector+Φ6 Fast connector | | Φ6快速接头+Φ25 宝塔 Φ6 Fast connector+Φ25 Barbed connector | |
| 水泵最大扬程 | Max. pump pressure | 43m | | 61.5m | 59m |
| 额定流量 | Rated flow | 2L/min+>20L/min | | 2L/min+>67L/min | |
| 净重 | N.W. | 80kg | | 164kg | 160kg |
| 毛重 | G.W. | 96kg | | 186kg | 182kg |
| 机器尺寸 | Dimension | 110 × 54 × 86cm (L × W × H) | | 142 × 73 × 113cm (L × W × H) | |
| 包装尺寸 | Package dimension | 120 × 60 × 109cm (L × W × H) | | 154 × 80 × 127cm (L × W × H) | |

注：不同工况下，工作电流有所不同；以上信息仅供参考，一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 光纤激光冷水机
## Fiber Laser Chiller

RMFL-1500
RMFL-2000
RMFL-3000

机柜式设计
高效节约空间
Rack Mount Design
Space Saving






| 型 号 | MODEL | RMFL-1500 | | RMFL-2000 | | RMFL-3000 | |
|---|---|---|---|---|---|---|---|
| | | RMFL-1500ANT03 | RMFL-1500BNT03 | RMFL-2000ANT03 | RMFL-2000BNT03 | RMFL-3000ANT | RMFL-3000BNT |
| 工作电压 | Voltage | AC 1P 220~240V | | AC 1P 220~240V | | AC 1P 220~240V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 1.2~11.1A | 1.2~11.3A | 2.4~13.7A | 2.4~14.2A | 2.3~17.9A | 2.3~19.6A |
| 整机额定功率 | Max. power consumption | 2.6kW | 2.55kW | 2.82kW | 2.95kW | 3.88kW | 4.25kW |
| 压缩机功率 | Compressor power | 1.25kW | 1.18kW | 1.37kW | 1.45kW | 1.7kW | 2.01kW |
| | | 1.7HP | 1.6HP | 1.86HP | 1.97HP | 2.31HP | 2.73HP |
| 制冷剂 | Refrigerant | R-32/R-410A | | R-32/R-410A | | R-32/R-410A | |
| 温控精度 | Precision | ±1℃ | | ±1℃ | | ±1℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.26kW | | 0.32kW | | 0.48kW | |
| 水箱容量 | Tank capacity | 16L | | 16L | | 16L | |
| 出入水口 | Inlet and outlet | 快速接头Φ6+Φ12 Φ6+Φ12 Fast connector | | 快速接头Φ6+Φ12 Φ6+Φ12 Fast connector | | Rp1/2"+Rp1/2" | |
| 水泵最大扬程 | Max. pump pressure | 30m | | 40m | | 43m | |
| 额定流量 | Rated flow | 2L/min+>12L/min | | 2L/min+>15L/min | | 2L/min+>25L/min | |
| 净重 | N.W. | 43kg | | 44kg | 49kg | 56kg | |
| 毛重 | G.W. | 53kg | | 54kg | 59kg | 68kg | |
| 机器尺寸 | Dimension | 77 × 48 × 43cm (L × W × H) | | 77 × 48 × 43cm (L × W × H) | | 88 × 48 × 43cm (L × W × H) | |
| 包装尺寸 | Package dimension | 87 × 56 × 61cm (L × W × H) | | 87 × 56 × 61cm (L × W × H) | | 98 × 56 × 61cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



# 超快激光冷水机
# 紫外激光冷水机

Ultrafast Laser Chiller Series
UV Laser Chiller Series

## 超快和紫外系列选型参照表
Ultrafast & UV Laser Series Selection Guide

| 产品系列 MODEL | | 温控精度 Temperature Precision | 额定流量 Rated Flow | 水泵最大扬程 Max. Pump Pressure | 冷媒 Refrigerant | 冷却超快激光器、紫外激光器功率 Applicable Ultrafast &UV Laser Power |
|---|---|---|---|---|---|---|
| CWUP-05THS | 外置式 Stand-alone | ±0.1℃ | 8L/min | 12m | R-134a | 3W-5W |
| CWUP-10 | | ±0.1℃ | 10L/min | 35m | R-134a/R-32/R-1234yf | 10W-15W |
| CWUP-20 | | ±0.1℃ | 10L/min | 35m | R-410A/R-32/R-1234yf | 20W |
| CWUP-20ANP | | ±0.08℃ | 10L/min | 35m | R-410A/R-407C/R-32/R-1234yf | 20W |
| CWUP-30 | | ±0.1℃ | 33L/min | 27m | R-410A/R-32 | 30W |
| CWUP-40 | | ±0.1℃ | 33L/min | 27m | R-410A/R-32 | 40W |
| CWUP-60 | | ±0.1℃ | 33L/min | 44～53m | R-410A/R-32 | 60W |
| RMUP-300 | 机柜式 Rack mount | ±0.1℃ | 8L/min | 12m | R-134a/R-1234yf | 3W-5W |
| RMUP-500 | | ±0.1℃ | 10L/min | 25m | R-134a/R-1234yf | 10W-15W |
| CWUL-05 | 外置式 Stand-alone | ±0.3℃ | 8L/min | 12m | R-134a/R-1234yf | 3W-5W |
| CWUL-10 | | ±0.3℃ | 8～10L/min | 12～25m | R-134a/R-32/R-1234yf | 10W-15W |

# 超快激光冷水机
## Ultrafast Laser Chiller

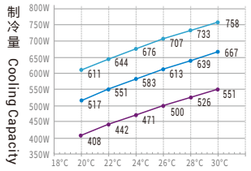
CWUP-10 | 20
CWUP-30 | 40 | 60
CWUP-05THS
CWUP-20ANP



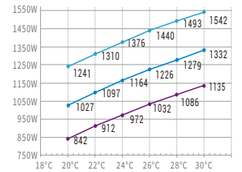

## 性能曲线
## Performance Graphs

室温20℃ Ambient Temperature 20℃
室温30℃ Ambient Temperature 30℃
室温40℃ Ambient Temperature 40℃

### CWUP-10

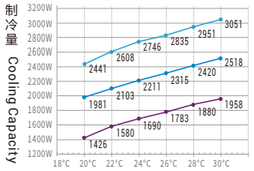



### CWUP-20

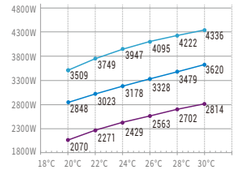



出水温度 Outlet Water Temperature

### CWUP-30

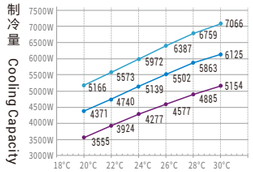



### CWUP-40

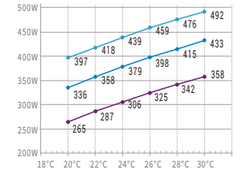



出水温度 Outlet Water Temperature

### CWUP-60

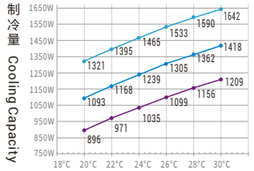



### CWUP-05THS




出水温度 Outlet Water Temperature

### CWUP-20ANP




出水温度 Outlet Water Temperature



| 型 号 | MODEL | CWUP-10 | CWUP-20 | CWUP-30 | | CWUP-40 | |
|---|---|---|---|---|---|---|---|
| | | CWUP-10TN | CWUP-20TN | CWUP-30AN | CWUP-30BN | CWUP-40AN | CWUP-40BN |
| 工作电压 | Voltage | AC 1P 220~240V | AC 1P 220~240V | AC 1P 220~240V | | AC 1P 220~240V | |
| 工作频率 | Frequency | 50/60Hz | 50/60Hz | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 0.6-5.6A | 0.6-6.7A | 2.5~10.4A | 2.8~9.4A | 2.5~11.3A | 2.8~12.6A |
| 整机额定功率 | Max. power consumption | 1/1.06kW | 1.3/1.34kW | 2.04kW | 1.79kW | 2.24kW | 2.35kW |
| 压缩机功率 | Compressor power | 0.31/0.37kW | 0.59/0.64kW | 0.97kW | 0.76kW | 0.97kW | 1.06kW |
| | | 0.42/0.5HP | 0.8/0.87HP | 1.32HP | 1.03HP | 1.32HP | 1.44HP |
| 名义制冷量 | Nominal cooling capacity | 2559Btu/h | 4879Btu/h | 8188Btu/h | | 10713Btu/h | |
| | | 0.75kW | 1.43kW | 2.4kW | | 3.14kW | |
| | | 644Kcal/h | 1229Kcal/h | 2063Kcal/h | | 2699Kcal/h | |
| 制冷剂 | Refrigerant | R-134a/R-32/R-1234yf | R-410A/R-32/R-1234yf | R-410A/R-32 | | R-410A/R-32 | |
| 温控精度 | Precision | ±0.1℃ | ±0.1℃ | ±0.1℃ | | ±0.1℃ | |
| 节流器 | Reducer | 毛细管Capillary | 毛细管Capillary | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.13kW | 0.13kW | 0.37kW | | 0.37kW | |
| 水箱容量 | Tank capacity | 6L | 6L | 10L | | 22L | |
| 出入水口 | Inlet and outlet | Rp1/2" | Rp1/2" | Rp1/2" | | Rp1/2" | |
| 水泵最大扬程 | Max. pump pressure | 35m | 35m | 27m | | 27m | |
| 额定流量 | Rated flow | 10L/min | 10L/min | 33L/min | | 33L/min | |
| 净重 | N.W. | 24kg | 26kg | 45kg | | 54kg | |
| 毛重 | G.W. | 26kg | 28kg | 54kg | | 65kg | |
| 机器尺寸 | Dimension | 58 × 29 × 52cm (L × W × H) | 58 × 29 × 52cm (L × W × H) | 61 × 38 × 74cm (L × W × H) | | 70 × 47 × 89cm (L × W × H) | |
| 包装尺寸 | Package dimension | 65 × 36 × 56cm (L × W × H) | 65 × 36 × 56cm (L × W × H) | 66 × 48 × 92cm (L × W × H) | | 73 × 57 × 105cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

| 型 号 | MODEL | CWUP-60 | | CWUP-05THS | CWUP-20ANP | |
|---|---|---|---|---|---|---|
| | | CWUP-60AN | CWUP-60BN | CWUP-05THS | CWUP-20ANP | CWUP-20BNP |
| 工作电压 | Voltage | AC 1P 220~240V | | AC 1P 220~240V | AC 1P 220~240V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50/60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 3.9~18.2A | 4.8~19.8A | 0.5~5.9A | 0.9~7.4A | 0.9~7.8A |
| 整机额定功率 | Max. power consumption | 3.63kW | 4.07kW | 1.17/1.19kW | 1.25kW | 1.39kW |
| 压缩机功率 | Compressor power | 1.55kW | 1.76kW | 0.18/0.21kW | 0.59kW | 0.7kW |
| | | 2.1HP | 2.4HP | 0.24/0.28HP | 0.78HP | 0.94HP |
| 名义制冷量 | Nominal cooling capacity | 17401Btu/h | | 1296/1569Btu/h | 5783Btu/h | |
| | | 5.1kW | | 0.38kW | 1.59kW | |
| | | 4384Kcal/h | | 326/395Kcal/h | 1457Kcal/h | |
| 制冷剂 | Refrigerant | R-410A/R-32 | | R-134a | R-410A/R-32/R-1234yf | R-407C/R-32/R-1234yf |
| 温控精度 | Precision | ±0.1℃ | | ±0.1℃ | ±0.08℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.55kW | 0.75kW | 0.05kW | 0.13kW | |
| 水箱容量 | Tank capacity | 22L | | 2.2L | 6L+1L | |
| 出入水口 | Inlet and outlet | Rp1/2" | | Rp1/2" | Rp1/2" | |
| 水泵最大扬程 | Max. pump pressure | 44m | 53m | 12m | 35m | |
| 额定流量 | Rated flow | 33L/min | | 8L/min | 10L/min | |
| 净重 | N.W. | 65kg | 68kg | 14kg | 30kg | |
| 毛重 | G.W. | 76kg | 79kg | 15kg | 32kg | |
| 机器尺寸 | Dimension | 70 × 47 × 89cm (L× W × H) | | 39 × 27 × 23cm (L× W × H) | 58 × 28 × 57cm (L× W × H) | |
| 包装尺寸 | Package dimension | 73 × 57 × 105cm (L× W × H) | | 44 × 33 × 29cm (L× W × H) | 65 × 36 × 64cm (L× W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 超快激光冷水机
## Ultrafast Laser Chiller

RMUP-300
RMUP-500

低耗节能
Energy Saving

压缩机过流保护
Overcurrent Protection For Compressor

流量报警
Flow Alarm

高精度温控
Ultra-precise





机柜式设计
高效节约空间
Rack Mount Design
Space Saving

注：此图为嵌入机柜展示效果，本产品不含机柜，不限定机柜款式
Note: This picture is for reference only.The product doesn't include the rack and there is no limit on the rack style.

| 型 号 | MODEL | RMUP-300 | RMUP-500 |
|---|---|---|---|
| | | RMUP-300TH | RMUP-500TI |
| 工作电压 | Voltage | AC 1P 220~240V | AC 1P 220~240V |
| 工作频率 | Frequency | 50/60Hz | 50/60Hz |
| 工作电流 | Current | 0.5~4.4A | 0.6~5.2A |
| 整机额定功率 | Max. power consumption | 0.81/0.85kW | 0.98/1kW |
| 压缩机功率 | Compressor power | 0.18/0.22kW | 0.33/0.35kW |
| | | 0.24/0.3HP | 0.45/0.48HP |
| 名义制冷量 | Nominal cooling capacity | 1296Btu/h | 2217Btu/h |
| | | 0.38kW | 0.65kW |
| | | 326Kcal/h | 558Kcal/h |
| 制冷剂 | Refrigerant | R-134a/R-1234yf | R-134a/R-1234yf |
| 温控精度 | Precision | ±0.1℃ | ±0.1℃ |
| 节流器 | Reducer | 毛细管Capillary | 毛细管Capillary |
| 水泵功率 | Pump power | 0.05kW | 0.09kW |
| 水箱容量 | Tank capacity | 3L | 5.5L |
| 出入水口 | Inlet and outlet | Rp1/2" | Rp1/2" |
| 水泵最大扬程 | Max. pump pressure | 12m | 25m |
| 额定流量 | Rated flow | 8L/min | 10L/min |
| 净重 | N.W. | 19kg | 22kg |
| 毛重 | G.W. | 21kg | 24kg |
| 机器尺寸 | Dimension | 49 × 48 × 18cm (L× W × H) 4U | 49 × 48 × 26cm (L× W × H) 6U |
| 包装尺寸 | Package dimension | 59 × 53 × 26cm (× W × H) | 59 × 53 × 34cm (× W × H) |

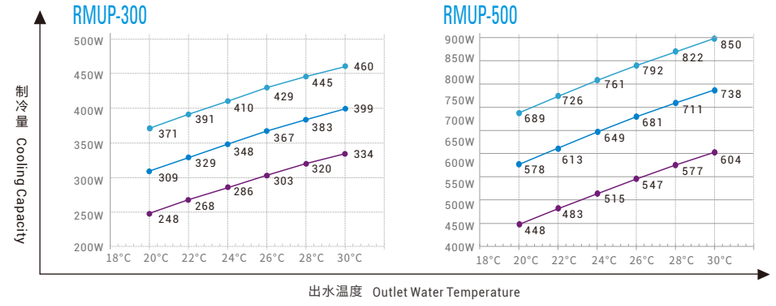
注：不同工况下，工作电流有所不同；以上信息仅供参考，一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

## 性能曲线
## Performance Graphs

室温20℃
Ambient Temperature 20℃

室温30℃
Ambient Temperature 30℃

室温40℃
Ambient Temperature 40℃



# 紫外激光冷水机
## UV Laser Chiller
CWUL-05
CWUL-10

低耗节能 Energy Saving

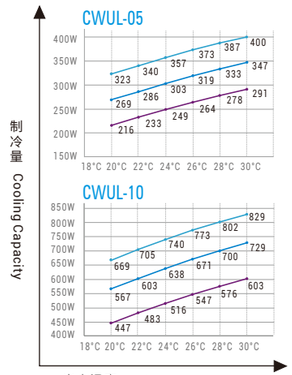
压缩机过流保护 Overcurrent Protection For Compressor

流量报警 Flow Alarm

高精度温控 Ultra-precise




### 性能曲线
### Performance Graphs




室温20℃ Ambient Temperature 20°C

室温30℃ Ambient Temperature 30°C

室温40℃ Ambient Temperature 40°C

| 型 号 | MODEL | CWUL-05 | | CWUL-10 | | | |
|---|---|---|---|---|---|---|---|
| | | CWUL-05TH | CWUL-05DH | CWUL-10TH | CWUL-10DH | CWUL-10TI | CWUL-10DI |
| 工作电压 | Voltage | AC 1P 220~240V | AC 1P 110V | AC 1P 220~240V | AC 1P 110V | AC 1P 220~240V | AC 1P 110V |
| 工作频率 | Frequency | 50/60Hz | 60Hz | 50/60Hz | 60Hz | 50/60Hz | 60Hz |
| 工作电流 | Current | 0.5~4A | 0.5~7.4A | 0.5~7.2A | 0.5~8.4A | 0.4~7.1A | 0.6~10A |
| 整机额定功率 | Max. power consumption | 0.75kW | 0.8kW | 0.99kW/1.06kW | 0.87kW | 1.03kW/1.1kW | 1.05kW |
| 压缩机功率 | Compressor power | 0.17kW | 0.21kW | 0.38kW/0.45kW | 0.24kW | 0.38kW/0.45kW | 0.38kW |
| | | 0.23HP | 0.28HP | 0.52HP/0.61HP | 0.33HP | 0.52HP/0.61HP | 0.51HP |
| 名义制冷量 | Nominal cooling capacity | 1296Btu/h | | 2559Btu/h | | | |
| | | 0.38kW | | 0.75kW | | | |
| | | 326Kcal/h | | 644Kcal/h | | | |
| 制冷剂 | Refrigerant | R-134a/R-1234yf | | R-134a/R-1234yf | R-134a/R-32 | R-134a/R-32/R-1234yf | R-134a/R-32 |
| 温控精度 | Precision | ±0.3℃ | | ±0.3℃ | | | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | | | |
| 水泵功率 | Pump power | 0.05kW | | 0.05kW | | 0.09kW | |
| 水箱容量 | Tank capacity | 8L | | 8L | | | |
| 出入水口 | Inlet and outlet | Rp1/2" | | Rp1/2" | | | |
| 水泵最大扬程 | Max. pump pressure | 12m | | 12m | | 25m | |
| 额定流量 | Rated flow | 8L/min | | 8L/min | | 10L/min | |
| 净重 | N.W. | 20kg | 18kg | 20kg | 23kg | 21kg | 23kg |
| 毛重 | G.W. | 22kg | 20kg | 22kg | 25kg | 23kg | 25kg |
| 机器尺寸 | Dimension | 58 × 29 × 52cm (L × W × H) | | 58 × 29 × 47cm (L × W × H) | | | |
| 包装尺寸 | Package dimension | 65 × 36 × 56cm (L × W × H) | | 65 × 36 × 51cm (L × W × H) | | | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



# 工业冷水机(标准机)
# CW 系列
## Industrial Chiller (Standard Models)

### 标准机选型参照表
### Standard Series Selection Guide

| 产品系列 MODEL | 温控精度 Temperature Precision | 额定流量 Rated Flow | 水泵最大扬程 Max. Pump Pressure | 冷媒 Refrigerant | 名义制冷量 Nominal Cooling Capacity |
|---|---|---|---|---|---|
| CW-3000 | | 2~6L/min | 10~45m | | 50W/℃ |
| CW-5000 | ±0.3℃ | 6~10L/min | 10~25m | R-134a/R-32/R-1234yf | 0.75kW |
| CW-5200 | ±0.3℃ | 8~10L/min | 12~25m | R-134a/R-410A/R-32/R-1234yf | 1.43kW |
| CW-5300 | ±0.5℃ | 8~33L/min | 12~40m | R-410A/R-32 | 2.4kW |
| CW-6000 | ±0.5℃ | 8~33L/min | 12~40m | R-410A/R-32 | 3.14kW |
| CW-6100 | ±0.5℃ | 10~33L/min | 25~27m | R-410A/R-32 | 4kW |
| CW-6200 | ±0.5℃ | 10~33L/min | 25~27m | R-410A/R-32 | 5.1kW |
| CW-6260 | ±0.5℃ | 33L/min | 44~53m | R-410A/R-32 | 9kW |
| CW-6500 | ±1℃ | 33~66L/min | 44~59m | R-410A/R-32 | 15kW |
| CW-7500 | ±1℃ | 66L/min | 59~61.5m | R-410A/R-32 | 18kW |
| CW-7800 | ±1℃ | 66L/min | 59~61.5m | R-410A/R-32 | 26kW |
| CW-7900 | ±1℃ | 66L/min | 59~61.5m | R-410A/R-32 | 33kW |
| CW-8000 | ±1℃ | 167~200L/min | 67.5~84m | R-410A/R-32 | 45kW |

# 工业冷水机
(标准机型)

# Industrial Chiller
**Standard Models**

CW-5000
CW-5200




低耗节能
Energy Saving

压缩机过流保护
Overcurrent Protection For Compressor

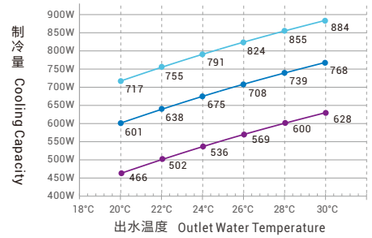
流量报警
Flow Alarm

超温报警
Over Temp Alarm

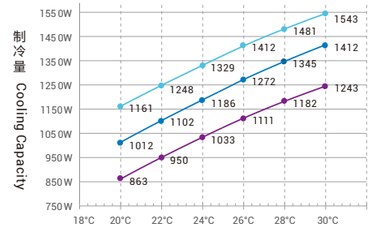
## 性能曲线
Performance Graphs

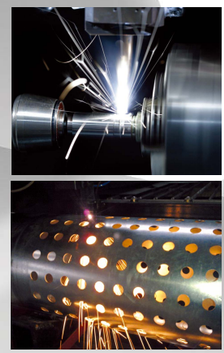
室温20℃ Ambient Temperature 20℃
室温30℃ Ambient Temperature 30℃
室温40℃ Ambient Temperature 40℃

### CW-5000




### CW-5200





### CW-5000

| 型 号 | MODEL | CW-5000TG | CW-5000DG | CW-5000TI | CW-5000DI |
|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | AC 1P 110v | AC 1P 220~240V | AC 1P 110v |
| 工作频率 | Frequency | 50/60Hz | 60Hz | 50/60Hz | 60Hz |
| 工作电流 | Current | 0.4~3.3A | 0.4~3.8A | 0.4~5.7A | 0.4~5.6A |
| 整机额定功率 | Max. power consumption | 0.41/0.48kW | 0.35kW | 0.53/0.6kW | 0.61kW |
| 压缩机功率 | Compressor power | 0.32/0.38kW | 0.24kW | 0.38/0.45kW | 0.24kW |
| | | 0.44/0.52HP | 0.33HP | 0.52/0.61HP | 0.33HP |
| 名义制冷量 | Nominal cooling capacity | 2559Btu/h | | | |
| | | 0.75kW | | | |
| | | 644Kcal/h | | | |
| 水泵功率 | Pump power | 0.03kW | | 0.09kW | |
| 水泵最大扬程 | Max. pump pressure | 10m | | 25m | |
| 额定流量 | Rated flow | 6L/min | | 10L/min | |
| 制冷剂 | Refrigerant | R-134a/R-32/R-1234yf | | | |
| 温控精度 | Precision | ±0.3℃ | | | |
| 节流器 | Reducer | 毛细管Capillary | | | |
| 水箱容量 | Tank capacity | 8L | | | |
| 出入水口 | Inlet and outlet | 外径10mm宝塔接头 OD 10mm Barbed connector | | 直径10mm快速接头 10mm Fast connector | |
| 净重 | N.W. | 21kg | 20kg | 21kg | 19kg |
| 毛重 | G.W. | 23kg | 22kg | 23kg | 23kg |
| 机器尺寸 | Dimension | 58 × 29 × 47cm (L × W × H) | | | |
| 包装尺寸 | Package dimension | 65 × 36 × 51cm (L × W × H) | | | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

### CW-5200

| 型 号 | MODEL | CW-5200TH | CW-5200DH | CW-5200TI | CW-5200DI |
|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | AC 1P 110V | AC 1P 220~240V | AC 1P 110V |
| 工作频率 | Frequency | 50/60Hz | 60Hz | 50/60Hz | 60Hz |
| 工作电流 | Current | 0.5~4A | 0.5~5.4A | 0.4~4.8A | 0.6~6.7A |
| 整机额定功率 | Max. power consumption | 0.72/0.76kW | 0.57kW | 0.96/1.01kW | 0.79kW |
| 压缩机功率 | Compressor power | 0.59/0.64kW | 0.44kW | 0.59/0.64kW | 0.44kW |
| | | 0.8/0.87HP | 0.6HP | 0.8/0.87HP | 0.6HP |
| 名义制冷量 | Nominal cooling capacity | 4879Btu/h | | | |
| | | 1.43kW | | | |
| | | 1229Kcal/h | | | |
| 水泵功率 | Pump power | 0.05kW | | 0.09kW | |
| 水泵最大扬程 | Max. pump pressure | 12m | | 25m | |
| 额定流量 | Rated flow | 8L/min | | 10L/min | |
| 制冷剂 | Refrigerant | R-134a/R-32/R-1234yf | R-410A/R-32/R-1234yf | R-134a/R-32/R-1234yf | R-410A/R-32/R-1234yf |
| 温控精度 | Precision | ±0.3℃ | | | |
| 节流器 | Reducer | 毛细管Capillary | | | |
| 水箱容量 | Tank capacity | 8L | | | |
| 出入水口 | Inlet and outlet | 外径10mm宝塔接头 OD 10mm Barbed connector | | 直径10mm快速接头 10mm Fast connector | |
| 净重 | N.W. | 22kg | 23kg | 24kg | 23kg |
| 毛重 | G.W. | 24kg | 25kg | 26kg | 25kg |
| 机器尺寸 | Dimension | 58 × 29 × 47cm (L × W × H) | | | |
| 包装尺寸 | Package dimension | 65 × 36 × 51cm (L × W × H) | | | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 工业冷水机
(标准机型)

## Industrial Chiller
Standard Models

CW-5300 | 6000
CW-6100 | 6200




## CW-5300

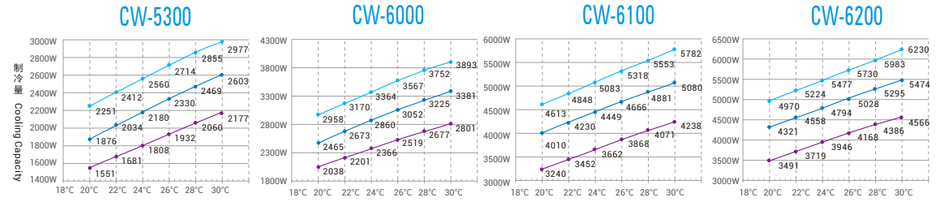
| 型 号 | MODEL | CW-5300AH | CW-5300BH | CW-5300DH | CW-5300AI | CW-5300BI | CW-5300DI | CW-5300AN | CW-5300BN | CW-5300DN |
|---|---|---|---|---|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | | AC 1P 110V | AC 1P 220~240V | | AC 1P 110V | AC 1P 220~240V | | AC 1P 110V |
| 工作频率 | Frequency | 50Hz | 60Hz | | 50Hz | 60Hz | 60Hz | 50Hz | 60Hz | |
| 工作电流 | Current | 0.5~5.2A | 0.5~4A | 0.5~10.6A | 0.6~5.6A | 0.6~5A | 0.6~10.7A | 2.5~7.2A | 2.8~6.3A | 7.5~15.9A |
| 整机额定功率 | Max. power consumption | 0.97kW | 0.94kW | 1.16kW | 1.15kW | 0.87kW | 1.2kW | 1.29kW | 1.26kW | 1.51kW |
| 压缩机功率 | Compressor power | 0.83kW | 0.78kW | 1kW | 0.97kW | 0.68kW | 1kW | 0.83kW | 0.78kW | 0.79kW |
| | | 1.13HP | 1.06HP | 1.36HP | 1.32HP | 0.93HP | 1.36HP | 1.13HP | 1.06HP | 1.06HP |
| 名义制冷量 | Nominal cooling capacity | 8188Btu/h | | | | | | | | |
| | | 2.4kW | | | | | | | | |
| | | 2063Kcal/h | | | | | | | | |
| 水泵功率 | Pump power | 0.05kW | | | 0.09kW | | | 0.37kW | | 0.6kW |
| 水泵最大扬程 | Max. pump pressure | 12m | | | 25m | | | 27m | | 40m |
| 额定流量 | Rated flow | 8L/min | | | 10L/min | | | 33L/min | | |
| 制冷剂 | Refrigerant | R-410A/R-32 | | | | | | | | |
| 温控精度 | Precision | ±0.5℃ | | | | | | | | |
| 节流器 | Reducer | 毛细管Capillary | | | | | | | | |
| 水箱容量 | Tank capacity | 12L | | | | | | | | |
| 出入水口 | Inlet and outlet | Rp1/2" | | | | | | | | |
| 净重 | N.W. | 34kg | 37kg | 36kg | 35kg | | 37kg | 41kg | 43kg | |
| 毛重 | G.W. | 43kg | 46kg | 45kg | 44kg | | 46kg | 50kg | 52kg | |
| 机器尺寸 | Dimension | 58 × 38 × 75cm (L × W × H) | | | | | | | | |
| 包装尺寸 | Package dimension | 66 × 48 × 92cm (L × W × H) | | | | | | | | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



## 性能曲线
## Performance Graphs

室温20℃ Ambient Temperature 20℃
室温30℃ Ambient Temperature 30℃
室温40℃ Ambient Temperature40℃




## CW-6000

| | | CW-6000AH | CW-6000BH | CW-6000DH | CW-6000AI | CW-6000BI | CW-6000DI | CW-6000AN | CW-6000BN | CW-6000DN |
|---|---|---|---|---|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | | AC 1P 110V | AC 1P 220~240V | | AC 1P 110V | AC 1P 220~240V | | AC 1P 110V |
| 工作频率 | Frequency | 50Hz | 60Hz | | 50Hz | 60Hz | | 50Hz | 60Hz | |
| 工作电流 | Current | 0.5~5.2A | 0.5~4A | 0.5~10.2A | 0.4~5.1A | 0.4~4.8A | 0.4~10.5A | 2.3~7.2A | 2.1~5.6A | 6~16.3A |
| 整机额定功率 | Max. power consumption | 0.97kW | 0.81kW | 1.13kW | 1.12kW | 1.08kW | 1.2kW | 1.29kW | 1.25kW | 1.72kW |
| 压缩机功率 | Compressor power | 0.83kW | 0.65kW | 0.97kW | 0.94kW | 0.88kW | 1kW | 0.83kW | 0.77kW | 1kW |
| | | 1.13HP | 0.88HP | 1.32HP | 1.26HP | 1.17HP | 1.36HP | 1.13HP | 1.05HP | 1.36HP |
| 名义制冷量 | Nominal cooling capacity | 10713Btu/h | | | | | | | | |
| | | 3.14kW | | | | | | | | |
| | | 2699Kcal/h | | | | | | | | |
| 水泵功率 | Pump power | 0.05kW | | | 0.09kW | | | 0.37kW | | 0.6kW |
| 水泵最大扬程 | Max. pump pressure | 12m | | | 25m | | | 27m | | 40m |
| 额定流量 | Rated flow | 8L/min | | | 10L/min | | | 33L/min | | |
| 制冷剂 | Refrigerant | R-410A/R-32 | | | | | | | | |
| 温控精度 | Precision | ±0.5℃ | | | | | | | | |
| 节流器 | Reducer | 毛细管Capillary | | | | | | | | |
| 水箱容量 | Tank capacity | 12L | | | | | | | | |
| 出入水口 | Inlet and outlet | Rp1/2" | | | | | | | | |
| 净重 | N.W. | 34kg | | 35kg | 36kg | | 38kg | 41kg | 44kg | 46kg |
| 毛重 | G.W. | 43kg | | 44kg | 45kg | | 47kg | 50kg | 53kg | 55kg |
| 机器尺寸 | Dimension | 58 × 38 × 75cm (L × W × H) | | | | | | | | |
| 包装尺寸 | Package dimension | 66 × 48 × 92cm (L × W × H) | | | | | | | | |

## CW-6100

| | | CW-6100AI | CW-6100BI | CW-6100AN | CW-6100BN |
|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | | | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 0.4~6.2A | 0.4~6.9A | 2.5~10.4A | 2.8~8.8A |
| 整机额定功率 | Max. power consumption | 1.34kW | 1.56kW | 2.05kW | 1.73kW |
| 压缩机功率 | Compressor power | 1.12kW | 1.29kW | 1.55kW | 1.18kW |
| | | 1.5HP | 1.73HP | 2.1HP | 1.61HP |
| 名义制冷量 | Nominal cooling capacity | 13648Btu/h | | | |
| | | 4kW | | | |
| | | 3439Kcal/h | | | |
| 水泵功率 | Pump power | 0.09kW | | 0.37kW | |
| 水泵最大扬程 | Max. pump pressure | 25m | | 27m | |
| 额定流量 | Rated flow | 10L/min | | 33L/min | |
| 制冷剂 | Refrigerant | R-410A/R-32 | | | |
| 温控精度 | Precision | ±0.5℃ | | | |
| 节流器 | Reducer | 毛细管Capillary | | | |
| 水箱容量 | Tank capacity | 22L | | | |
| 出入水口 | Inlet and outlet | Rp1/2" | | | |
| 净重 | N.W. | 46kg | | 57kg | 55kg |
| 毛重 | G.W. | 57kg | | 68kg | 66kg |
| 机器尺寸 | Dimension | 66 × 47 × 90cm (L × W × H) | | | |
| 包装尺寸 | Package dimension | 73 × 57 × 105cm (L × W × H) | | | |

## CW-6200

| | | CW-6200AI | CW-6200BI | CW-6200AN | CW-6200BN |
|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | | | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 0.4~12A | 0.4~7.3A | 2.5~14.1A | 2.8~9.7A |
| 整机额定功率 | Max. power consumption | 2.11kW | 1.66kW | 2.38kW | 1.94kW |
| 压缩机功率 | Compressor power | 1.89kW | 1.39kW | 1.88kW | 1.39kW |
| | | 2.57HP | 1.89HP | 2.56HP | 1.89HP |
| 名义制冷量 | Nominal cooling capacity | 17401Btu/h | | | |
| | | 5.1kW | | | |
| | | 4384Kcal/h | | | |
| 水泵功率 | Pump power | 0.09kW | | 0.37kW | |
| 水泵最大扬程 | Max. pump pressure | 25m | | 27m | |
| 额定流量 | Rated flow | 10L/min | | 33L/min | |
| 制冷剂 | Refrigerant | R-410A/R-32 | | | |
| 温控精度 | Precision | ±0.5℃ | | | |
| 节流器 | Reducer | 毛细管Capillary | | | |
| 水箱容量 | Tank capacity | 22L | | | |
| 出入水口 | Inlet and outlet | Rp1/2" | | | |
| 净重 | N.W. | 50kg | 52kg | 60kg | 59kg |
| 毛重 | G.W. | 61kg | 63kg | 71kg | 70kg |
| 机器尺寸 | Dimension | 66 × 47 × 90cm (L × W × H) | | | |
| 包装尺寸 | Package dimension | 73 × 57 × 105cm (L × W × H) | | | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 工业冷水机
(标准机型)

## Industrial Chiller
**Standard Models**

CW-6260
CW-6500
CW-7500

低耗节能
Energy Saving

压缩机过流保护
Overcurrent Protection For Compressor

流量报警
Flow Alarm

超温报警
Over Temp Alarm







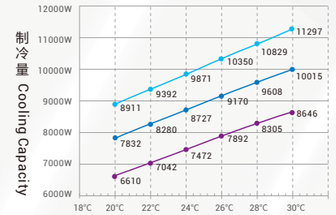
## 性能曲线
## Performance Graphs

室温20℃
Ambient Temperature 20℃

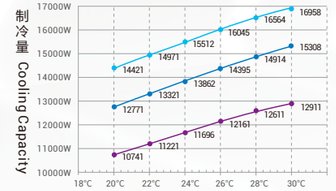
室温30℃
Ambient Temperature 30℃

室温40℃
Ambient Temperature 40℃

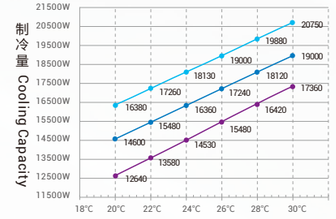
### CW-6260




### CW-6500




### CW-7500




出水温度 Outlet Water Temperature



| 型 号 | MODEL | CW-6260 | |
|---|---|---|---|
| | | CW-6260AN | CW-6260BN |
| 工作电压 | Voltage | AC 1P 220~240V | |
| 工作频率 | Frequency | 50Hz | 60Hz |
| 工作电流 | Current | 3.9~15.7A | 3.9~21.1A |
| 整机额定功率 | Max. power consumption | 3.16kW | 3.84kW |
| 压缩机功率 | Compressor power | 2.36kW | 2.72kW |
| | | 3.21HP | 3.64HP |
| 名义制冷量 | Nominal cooling capacity | 30708Btu/h | |
| | | 9kW | |
| | | 7738Kcal/h | |
| 制冷剂 | Refrigerant | R-410A/R-32 | |
| 温控精度 | Precision | ±0.5℃ | |
| 节流器 | Reducer | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.55kW | 0.75kW |
| 水箱容量 | Tank capacity | 22L | |
| 出入水口 | Inlet and outlet | Rp1/2" | |
| 水泵最大扬程 | Max. pump pressure | 44m | 53m |
| 额定流量 | Rated flow | 33L/min | |
| 净重 | N.W. | 81kg | |
| 毛重 | G.W. | 98kg | |
| 机器尺寸 | Dimension | 75 × 56 × 102cm (L × W × H) | |
| 包装尺寸 | Package dimension | 78 × 65 × 117cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

| 型 号 | MODEL | CW-6500 | | CW-7500 | |
|---|---|---|---|---|---|
| | | CW-6500EN | CW-6500FN | CW-7500EN | CW-7500FN |
| 工作电压 | Voltage | AC 3P 380V | | AC 3P 380V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 1.4~14.1A | 2.9~18.6A | 2.3~20.4A | 2.9~17.5A |
| 整机额定功率 | Max. power consumption | 6.05kW | 7.33kW | 9.33kW | 8.44kW |
| 压缩机功率 | Compressor power | 3.05kW | 4.2kW | 5.78kW | 5.12kW |
| | | 4.14HP | 5.71HP | 7.86HP | 6.86HP |
| 名义制冷量 | Nominal cooling capacity | 51880Btu/h | | 61416Btu/h | |
| | | 15kW | | 18kW | |
| | | 12897Kcal/h | | 15476Kcal/h | |
| 制冷剂 | Refrigerant | R-410A/R-32 | | R-410A/R-32 | |
| 温控精度 | Precision | ±1℃ | | ±1℃ | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 0.55kW | 1kW | 1.1kW | 1kW |
| 水箱容量 | Tank capacity | 40L | | 70L | |
| 出入水口 | Inlet and outlet | Rp1" | | Rp1" | |
| 水泵最大扬程 | Max. pump pressure | 44m | 59m | 61.5m | 59m |
| 额定流量 | Rated flow | 33L/min | 66L/min | 66L/min | |
| 净重 | N.W. | 124kg | 128kg | 163kg | 160kg |
| 毛重 | G.W. | 146kg | 150kg | 185kg | 182kg |
| 机器尺寸 | Dimension | 85 × 66 × 119cm (L × W × H) | | 102 × 71 × 137cm (L × W × H) | |
| 包装尺寸 | Package dimension | 95 × 77 × 135cm (L × W × H) | | 112 × 82 × 150cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 工业冷水机
(标准机型)

**Industrial Chiller**
**Standard Models**

CW-7800
CW-7900
CW-8000

低耗节能
Energy Saving

压缩机过流保护
Overcurrent Protection For Compressor

流量报警
Flow Alarm

超温报警
Over Temp Alarm







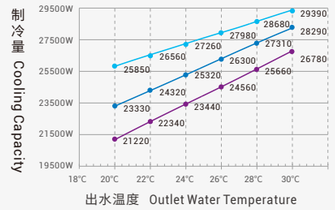
## 性能曲线
## Performance Graphs

室温20°C
Ambient Temperature 20°C

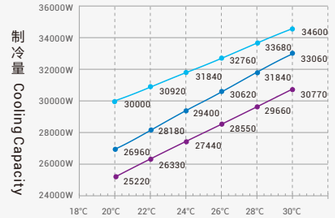
室温30°C
Ambient Temperature 30°C

室温40°C
Ambient Temperature 40°C

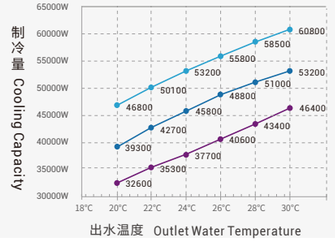
### CW-7800




### CW-7900




### CW-8000




| 型 号 | MODEL | CW-7800 | | CW-7900 | |
|---|---|---|---|---|---|
| | | CW-7800EN | CW-7800FN | CW-7900EN | CW-7900FN |
| 工作电压 | Voltage | AC 3P 380V | | AC 3P 380V | |
| 工作频率 | Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| 工作电流 | Current | 2.3~23.3A | 2.9~23.6A | 2.1~34.1A | 2.9~29.5A |
| 整机额定功率 | Max. power consumption | 12.7kW | 14.2kW | 16.42kW | 16.44kW |
| 压缩机功率 | Compressor power | 6.9kW | 8.5kW | 10.61kW | 10.24kW |
| | | 9.39HP | 11.39HP | 14.43HP | 13.9HP |
| 名义制冷量 | Nominal cooling capacity | 88712Btu/h | | 112596Btu/h | |
| | | 26kW | | 33kW | |
| | | 22354Kcal/h | | 28373Kcal/h | |
| 制冷剂 | Refrigerant | R-410A/R-32 | | R-410A/R-32 | |
| 温控精度 | Precision | ±1°C | | ±1°C | |
| 节流器 | Reducer | 毛细管Capillary | | 毛细管Capillary | |
| 水泵功率 | Pump power | 1.1kW | 1kW | 1.1kW | 1kW |
| 水箱容量 | Tank capacity | 170L | | 170L | |
| 出入水口 | Inlet and outlet | Rp1" | | Rp1" | |
| 水泵最大扬程 | Max. pump pressure | 61.5m | 59m | 61.5m | 59m |
| 额定流量 | Rated flow | 66L/min | | 66L/min | |
| 净重 | N.W. | 277kg | 270kg | 280kg | 277kg |
| 毛重 | G.W. | 317kg | 310kg | 324kg | 321kg |
| 机器尺寸 | Dimension | 155 × 80 × 135cm (L × W × H) | | 155 × 80 × 135cm (L × W × H) | |
| 包装尺寸 | Package dimension | 170 × 93 × 152cm (L × W × H) | | 170 × 93 × 152cm (L × W × H) | |

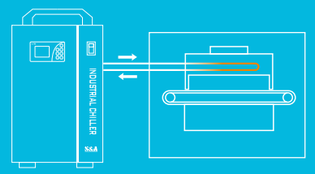
注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

| 型 号 | MODEL | CW-8000 | |
|---|---|---|---|
| | | CW-8000EN | CW-8000FN |
| 工作电压 | Voltage | AC 3P 380V | |
| 工作频率 | Frequency | 50Hz | 60Hz |
| 工作电流 | Current | 7.9~47.8A | 8.4~47.1A |
| 整机额定功率 | Max. power consumption | 24.64kW | 25.5kW |
| 压缩机功率 | Compressor power | 11.34kW | 12.4kW |
| | | 15.43HP | 16.87HP |
| 名义制冷量 | Nominal cooling capacity | 143304Btu/h | |
| | | 45kW | |
| | | 36111Kcal/h | |
| 制冷剂 | Refrigerant | R-410A/R-32 | |
| 温控精度 | Precision | ±1°C | |
| 节流器 | Reducer | 毛细管Capillary | |
| 水泵功率 | Pump power | 3.5kW | 3kW |
| 水箱容量 | Tank capacity | 170L | |
| 出入水口 | Inlet and outlet | Rp1-1/2" | |
| 水泵最大扬程 | Max. pump pressure | 84m | 67.5m |
| 额定流量 | Rated flow | 167L/min | 200L/min |
| 净重 | N.W. | 260kg | 277kg |
| 毛重 | G.W. | 287kg | 291kg |
| 机器尺寸 | Dimension | 141 × 80 × 132cm (L × W × H) | |
| 包装尺寸 | Package dimension | 148 × 93 × 140cm (L × W × H) | |



注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.






# 水冷系列冷水机

与传统风冷式冷水机相比不需要风机进行冷却，减少运行噪音同时减少对操作空间的热量排放，更绿色节能！
产品利用外部循环水配合冷水机内部进行高效制冷，更小的体积带来更大的制冷量，可释放更多机台的空间！

## Water-cooled Water Chiller

Compared with the traditional air-cooled chiller, this water-cooled chiller does not need the fan for cooling, reducing noise and the heat emission to the operating space, which is more green energy-saving! It uses external circulating water working with the internal system for efficient refrigeration, smaller size with larger cooling capacity and less space occupation.



# 水冷冷水机
## Water-cooled Chiller

水冷冷水机选型参照表
Water-colded Series Selection Guide

| 产品系列 MODEL | 温控精度 Temperature Precision | 额定流量 Rated Flow | 水泵最大扬程 Max. Pump Pressure | 冷媒 Refrigerant | 名义制冷量 Nominal Cooling Capacity |
|---|---|---|---|---|---|
| CW-5000TISW | ±0.1°C | 10L/min | 25m | R-134a/R-32 | 0.72~0.89kW |
| CW-5200TISW | ±0.1°C | 10L/min | 25m | R-407C/R-32 | 1.7kW |
| CW-5300ANSW | ±0.5°C | 33L/min | 36m | R-407C/R-32 | 2.4kW |
| CW-6000ANSW | ±0.5°C | 33L/min | 36m | R-410A/R-32 | 3.14kW |
| CW-6100ANSW | ±0.5°C | 33L/min | 36m | R-410A/R-32 | 3.8kW |
| CW-6200ANSW | ±0.5°C | 33L/min | 36m | R-410A/R-32 | 6.1kW |
| CW-6300ANSW | ±1°C | 33L/min~66L/min | 44~61.5m | R-410A/R-32 | 9kW |
| CW-6500ENSW | ±1°C | 66L/min | 61.5m | R-410A/R-32 | 13.07kW |
| CWFL-1000ANSW | ±0.5°C | 1.5L/min+>10L/min | 36m | R-410A/R-32 | |
| CWFL-1500ANSW | ±0.5°C | 1.5L/min+>12L/min | 36m | R-410A/R-32 | |
| CWFL-2000ANSW | ±0.5°C | 1.5L/min+>20L/min | 36m | R-410A/R-32 | |
| CWFL-3000ANSW | ±0.5°C | 1.5L/min+>25L/min | 61.5m | R-410A/R-32 | |
| CWFL-4000ENSW | ±1°C | 1.5L/min+>30L/min | 61.5m | R-410A/R-32 | |
| CWFL-6000ENSW | ±1°C | 1.5L/min+>50L/min | 61.5m | R-410A/R-32 | |
| CWFL-8000ENSW | ±1°C | 2.5L/min+>65L/min | 61.5m | R-410A/R-32 | |

# 水冷冷水机
## Water-cooled Chiller

CW-5000TISW
CW-5200TISW
CW-5300ANSW

高精度温控
High temperature stability

体积小，制冷量大
Small size with large cooling capacity

满足实验室等无尘使用要求
Satisfy the operating requirements of enclosed environment

噪音低，性能稳定
Low noise level
Stable working performance




| 型 号 | MODEL | CW-5000TISW | CW-5200TISW | CW-5300ANSW |
|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | AC 1P 220~240V | AC 1P 220~240V |
| 工作频率 | Frequency | 50/60Hz | 50/60Hz | 50Hz |
| 工作电流 | Current | 0.4~2.1A | 0.4~4.6A | 3.1~10.1A |
| 整机额定功率 | Max. power consumption | 0.42/0.44kW | 0.69/0.79kW | 1.57kW |
| 压缩机功率 | Compressor power | 0.33/0.35kW | 0.6/0.7kW | 0.6kW |
| | | 0.44/0.48HP | 0.81/0.95HP | 0.81HP |
| 名义制冷量 | Nominal cooling capacity | 2456/3036Btu/h | 5800Btu/h | 8188Btu/h |
| | | 0.72/0.89kW | 1.7kW | 2.4kW |
| | | 619/765Kcal/h | 1462Kcal/h | 2063Kcal/h |
| 制冷剂 | Refrigerant | R-134a/R-32 | R-407C/R-32 | |
| 温控精度 | Precision | ±0.1°C | | ±0.5°C |
| 节流器 | Reducer | 毛细管Capillary | | |
| 水泵功率 | Pump power | 0.09kW | | 0.37kW |
| 水箱容量 | Tank capacity | 6L | | 10L |
| 出入水口 | Inlet and outlet | 外径10mm宝塔接头+Rp1/2" OD 10mm Barbed connector+Rp1/2" | | Rp1/2"+Rp1/2" |
| 水泵最大扬程 | Max. pump pressure | 25m | | 36m |
| 额定流量 | Rated flow | 10L/min | | 33L/min |
| 净重 | N.W. | 22kg | 25kg | 46kg |
| 毛重 | G.W. | 24kg | 27kg | 56kg |
| 机器尺寸 | Dimension | 58 × 29 × 47cm (L × W × H) | | 63 × 39 × 68cm (L × W × H) |
| 包装尺寸 | Package dimension | 65 × 36 × 51cm (L × W × H) | | 66 × 48 × 92cm (L × W × H) |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



# 水冷冷水机
## Water-cooled Chiller

CW-6000ANSW
CW-6100ANSW
CW-6200ANSW

高精度温控
High temperature stability

体积小，制冷量大
Small size with large cooling capacity

满足实验室等无尘使用要求
Satisfy the operating requirements of enclosed environment

噪音低，性能稳定
Low noise level
Stable working performance




| 型 号 | MODEL | CW-6000ANSW | CW-6100ANSW | CW-6200ANSW |
|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | | |
| 工作频率 | Frequency | 50Hz | | |
| 工作电流 | Current | 3.1~8.1A | 3.1~9A | 3.1~20.5A |
| 整机额定功率 | Max. power consumption | 1.25kW | 1.64kW | 3.52kW |
| 压缩机功率 | Compressor power | 0.88kW | 1.27kW | 1.75kW |
| | | 1.19HP | 1.73HP | 2.38HP |
| 名义制冷量 | Nominal cooling capacity | 10714Btu/h | 12966Btu/h | 20813Btu/h |
| | | 3.14kW | 3.8kW | 6.1kW |
| | | 2700Kcal/h | 3267Kcal/h | 5245Kcal/h |
| 制冷剂 | Refrigerant | R-410A/R-32 | | |
| 温控精度 | Precision | ±0.5°C | | |
| 节流器 | Reducer | 毛细管Capillary | | |
| 水泵功率 | Pump power | 0.37kW | | |
| 水箱容量 | Tank capacity | 14L | | 22L |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp1/2" | | |
| 水泵最大扬程 | Max. pump pressure | 36m | | |
| 额定流量 | Rated flow | 33L/min | | |
| 净重 | N.W. | 53kg | 55kg | 62kg |
| 毛重 | G.W. | 64kg | 66kg | 73kg |
| 机器尺寸 | Dimension | 70 × 48 × 81cm (L × W × H) | | |
| 包装尺寸 | Package dimension | 73 × 57 × 105cm (L × W × H) | | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 水冷冷水机
## Water-cooled Chiller

CW-6300ANSW
CW-6500ENSW

高精度温控
High temperature stability

体积小，制冷量大
Small size with large cooling capacity

满足实验室等无尘使用要求
Satisfy the operating requirements of enclosed environment

噪音低，性能稳定
Low noise level
Stable working performance




| 型 号 | MODEL | CW-6300ANSW | CW-6300ENSW | CW-6500ENSW |
|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | AC 3P 380V | AC 3P 380V |
| 工作频率 | Frequency | 50Hz | | |
| 工作电流 | Current | 3.9~25.6A | 2.3~13.1A | 2.3~13.6A |
| 整机额定功率 | Max. power consumption | 4.99kW | 5.55kW | 6.2kW |
| 压缩机功率 | Compressor power | 2.64kW | 2.65kW | 3.3kW |
| | | 3.59HP | 3.61HP | 4.49HP |
| 名义制冷量 | Nominal cooling capacity | 30708Btu/h | | 44594Btu/h |
| | | 9kW | | 13.07kW |
| | | 7738Kcal/h | | 11237Kcal/h |
| 制冷剂 | Refrigerant | R-410A/R-32 | | |
| 温控精度 | Precision | ±1℃ | | |
| 节流器 | Reducer | 毛细管Capillary | | |
| 水泵功率 | Pump power | 0.55kW | 1.1kW | |
| 水箱容量 | Tank capacity | 40L | | 70L |
| 出入水口 | Inlet and outlet | Rp1"+Rp1" | | |
| 水泵最大扬程 | Max. pump pressure | 44m | 61.5m | |
| 额定流量 | Rated flow | 33L/min | 66L/min | |
| 净重 | N.W. | 110kg | | 142kg |
| 毛重 | G.W. | 129kg | | 167kg |
| 机器尺寸 | Dimension | 85 × 66 × 107cm (L × W × H) | | 102 × 71 × 124cm (L × W × H) |
| 包装尺寸 | Package dimension | 95 × 77 × 135cm (L × W × H) | | 112 × 82 × 150cm (L × W × H) |

注：不同工况下，工作电流有所不同；以上信息仅供参考，一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



# 水冷冷水机
## Water-cooled Chiller

CWFL-1000ANSW
CWFL-1500ANSW
CWFL-2000ANSW

高精度温控
High temperature stability

体积小，制冷量大
Small size with large cooling capacity

满足实验室等无尘使用要求
Satisfy the operating requirements of enclosed environment

噪音低，性能稳定
Low noise level
Stable working performance




| 型 号 | MODEL | CWFL-1000ANSW | CWFL-1500ANSW | CWFL-2000ANSW |
|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | | |
| 工作频率 | Frequency | 50Hz | | |
| 工作电流 | Current | 3.1~10.6A | 3.1~11.5A | 3.1~11.8A |
| 整机额定功率 | Max. power consumption | 1.8kW | 2.19kW | 2.41kW |
| 电辅助功率 | Heater power | 0.55kW | | |
| 温控精度 | Precision | ±0.5℃ | | |
| 节流器 | Reducer | 毛细管Capillary | | |
| 水泵功率 | Pump power | 0.37kW | | |
| 水箱容量 | Tank capacity | 14L | | |
| 出入水口 | Inlet and outlet | Rp1/2"+2+Rp1" | | |
| 水泵最大扬程 | Max. pump pressure | 36m | | |
| 额定流量 | Rated flow | 1.5L/min + >10L/min | 1.5L/min + >12L/min | 1.5L/min + >20L/min |
| 净重 | N.W. | 56kg | 61kg | 62kg |
| 毛重 | G.W. | 67kg | 73kg | 73kg |
| 机器尺寸 | Dimension | 70 × 48 × 81cm (L × W × H) | | |
| 包装尺寸 | Package dimension | 73 × 57 × 105cm (L × W × H) | | |

注：不同工况下，工作电流有所不同；以上信息仅供参考，一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 水冷冷水机
## Water-cooled Chiller

CWFL-3000ANSW
CWFL-4000ENSW
CWFL-6000ENSW
CWFL-8000ENSW

高精度温控
High temperature stability

体积小，制冷量大
Small size with large cooling capacity

满足实验室等无尘使用要求
Satisfy the operating requirements of enclosed environment

噪音低，性能稳定
Low noise level
Stable working performance




| 型 号 | MODEL | CWFL-3000ANSW | CWFL-4000ENSW |
|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | AC 3P 380V |
| 工作频率 | Frequency | 50Hz | |
| 工作电流 | Current | 7.2~27.9A | 2.3~15.7A |
| 整机额定功率 | Max. power consumption | 5.25kW | 6.55kW |
| 电辅助功率 | Heater power | 1kW+1.4kW | 1kW+1.8kW |
| 温控精度 | Precision | ±0.5℃ | ±1℃ |
| 节流器 | Reducer | 毛细管Capillary | |
| 水泵功率 | Pump power | 1.1kW | |
| 水箱容量 | Tank capacity | 22L | 40L |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp1"*2 | |
| 水泵最大扬程 | Max. pump pressure | 61.5m | |
| 额定流量 | Rated flow | 1.5L/min + >25L/min | 1.5L/min + >30L/min |
| 净重 | N.W. | 91kg | 118kg |
| 毛重 | G.W. | 106kg | 140kg |
| 机器尺寸 | Dimension | 77 × 56 × 94cm (L × W × H) | 87 × 66 × 107cm (L × W × H) |
| 包装尺寸 | Package dimension | 78 × 65 × 117cm (L × W × H) | 95 × 77 × 135cm (L × W × H) |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



| 型 号 | MODEL | CWFL-6000ENSW | CWFL-8000ENSW |
|---|---|---|---|
| 工作电压 | Voltage | AC 3P 380V | AC 3P 380V |
| 工作频率 | Frequency | 50Hz | |
| 工作电流 | Current | 2.3~16.2A | 2.3~21.7A |
| 整机额定功率 | Max. power consumption | 7.2kW | 9.21kW |
| 电辅助功率 | Heater power | 1kW+1.8kW | |
| 温控精度 | Precision | ±1℃ | |
| 节流器 | Reducer | 毛细管Capillary | |
| 水泵功率 | Pump power | 1.1kW | |
| 水箱容量 | Tank capacity | 70L | |
| 出入水口 | Inlet and outlet | Rp1/2"+Rp1"*2 | |
| 水泵最大扬程 | Max. pump pressure | 61.5m | |
| 额定流量 | Rated flow | 1.5L/min + >50L/min | 2.5L/min + >65L/min |
| 净重 | N.W. | 147kg | 143kg |
| 毛重 | G.W. | 175kg | 168kg |
| 机器尺寸 | Dimension | 104 × 71 × 124cm (L × W × H) | |
| 包装尺寸 | Package dimension | 112 × 82 × 150cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

散热型

# 工业冷却机

**Passive-cooling**
**Industrial Cooler**

CW-3000






低耗节能 Energy Saving

MINI 体积轻巧 Compact

稳定耐用 Reliable

智能保护 Intelligent Protection

## CW-3000

| 型 号 | MODEL | CW-3000TG | CW-3000DG | CW-3000TK | CW-3000DK |
|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220~240V | AC 1P 110V | AC 1P 220~240V | AC 1P 110V |
| 工作频率 | Frequency | 50/60Hz | 60Hz | 50/60Hz | 60Hz |
| 工作电流 | Current | 0.4~0.7A | 0.4~0.9A | 0.3~0.6A | 0.3~0.8A |
| 整机额定功率 | Max. power consumption | 0.07kW | | 0.11kW | |
| 散热量 | Radiating capacity | 50W/°C | | | |
| 水泵最大扬程 | Max. pump pressure | 10m | | 45m | |
| 额定流量 | Rated flow | 6L/min | | 2L/min | |
| 安全保护 | Protection | 流量报警 Flow alarm | | | |
| 水箱容量 | Tank capacity | 9L | | | |
| 出入水口 | Inlet and outlet | 外径10mm宝塔接头 OD 10mm Barbed connector | | 直径8mm快速接头 8mm Fast connector | |
| 净重 | N.W. | 9kg | | 11kg | |
| 毛重 | G.W. | 11kg | | 13kg | |
| 机器尺寸 | Dimension | 49 × 27 × 38cm (L × W × H) | | | |
| 包装尺寸 | Package dimension | 55 × 34 × 43cm (L × W × H) | | | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



# 机柜空调系列

**Enclosure Cooling Unit Series**

为电气机柜提供适宜的温湿度环境，有效隔离灰尘和湿气，让电气柜内设备稳定运行，延长电器元件的使用寿命。

It provides electrical cabinets with a proper temperature and humidity environment, effectively isolating dust and moisture to ensure stable operation of the equipment inside and extend the lifespan of electrical components.



# 机柜空调
## Enclosure Cooling Unit Series

ECU-300 | 800
ECU-1200 | 2500



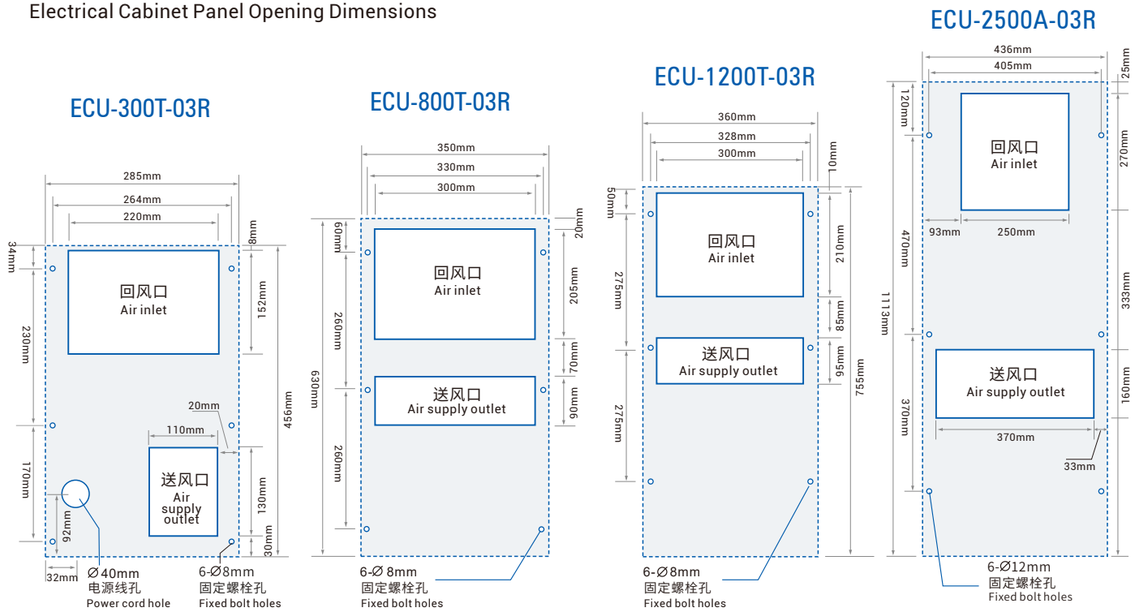

| 型 号 | MODEL | ECU-300T-03R | ECU-800T-03R | ECU-1200T-03R | ECU-2500A-03R |
|---|---|---|---|---|---|
| 工作电压 | Voltage | AC 1P 220V | AC 1P 220V | AC 1P 220V | AC 1P 220V |
| 工作频率 | Frequency | 50/60Hz | 50/60Hz | 50/60Hz | 50Hz |
| 使用环境温度范围 | Ambient temperature range | -5~50°C | -5~50°C | -5~50°C | -5~50°C |
| 电柜温度设定范围 | Set temperature range | 25~38°C | 25~38°C | 25~38°C | 25~38°C |
| 额定制冷量 | Rated cooling capacity | 300/360W | 800/960W | 1200/1440W | 2500W |
| 整机额定功率 | Max. power consumption | 198/225W | 485/501W | 638/735W | 1581W |
| 额定电流 | Rated current | 1.5A | 3.4/4.2A | 4.4/5.8A | 7.1A |
| 制冷剂 | Refrigerant | R-134a | R-134a | R-134a | R-410A |
| 充注量 | Refrigerant charge | 150g | 230g | 300g | 550g |
| 噪音 | Noise level | ≤58dB | ≤60dB | ≤63dB | ≤74dB |
| 内循环风量 | Internal circulation airflow | 120m$^3$/h | 230m$^3$/h | 300m$^3$/h | 800m$^3$/h |
| 外循环风量 | External circulation airflow | 160m$^3$/h | 320m$^3$/h | 500m$^3$/h | 1800m$^3$/h |
| 电源连接方式 | Power connection | 三脚插头<br>Three-pin plug | 预留接线端子<br>Reserved wiring terminal | 预留接线端子<br>Reserved wiring terminal | 预留接线端子<br>Reserved wiring terminal |
| 电源线长度 | Power cord length | 2m | 2m | 2m | 2m |
| 净重 | N.W. | 13kg | 21kg | 28kg | 52kg |
| 毛重 | G.W. | 14kg | 23kg | 29kg | 58kg |
| 机器尺寸 | Dimension | 29 × 16 × 46cm (L × W × H) | 35 × 19 × 63cm (L × W × H) | 36 × 19 × 75cm (L × W × H) | 44 × 29 × 112cm (L × W × H) |
| 包装尺寸 | Package dimension | 36 × 21 × 52cm (L × W × H) | 43 × 26 × 70cm (L × W × H) | 43 × 26 × 82cm (L × W × H) | 49 × 35 × 128cm (L × W × H) |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.



## 电气柜面板开孔尺寸图

Electrical Cabinet Panel Opening Dimensions




## 冷凝水蒸发器

Condensate Evaporator

CE-500
CE-1000




低耗节能
Energy Saving

MINI
体积轻巧
Compact

Use Longer
稳定耐用
Reliable

| 型 号 MODEL | CE-500T | CE-1000T |
|---|---|---|
| 工作电源<br>Working power | 220V 50/60Hz | 220V 50/60Hz |
| 功率<br>Power | 500W | 900W |
| 冷凝水最大蒸发量<br>Max. evaporation capacity condensate | 530ml/h | 1090ml/h |
| 控制方式<br>Control method | 继电器和水位开关联合控制<br>A relayand water levelswitch are employed to control | |
| 净重<br>N.W. | 2kg | 3kg |
| 毛重<br>G.W. | 3kg | 4kg |
| 机器尺寸<br>Dimension | 30 × 13 × 15cm (L × W × H) | |
| 包装尺寸<br>Package dimension | 35 × 15 × 21cm (L × W × H) | |

注:不同工况下,工作电流有所不同;以上信息仅供参考,一切以实际交付为准 Note: The working current can be different under different working conditions.The above information is for reference only. Please subject to the actual delivered product.

# 控制柜热交换器系列
## Cabinet Heat Exchanger Series

促进机柜内外冷热空气交换流通，有效阻止空气中的灰尘、油雾、水汽和腐蚀性气体进入柜内。
It facilitates the exchange of hot and cool air between the cabinet interior and exterior while effectively preventing dust, oil mist, moisture, and corrosive gases from entering.




Cool Air

Hot Air



# 控制柜热交换器
## Cabinet Heat Exchanger

CHE-20T
CHE-30T




**双重防护**
Dual Protection

**稳定防凝**
Stable Anti-condensation

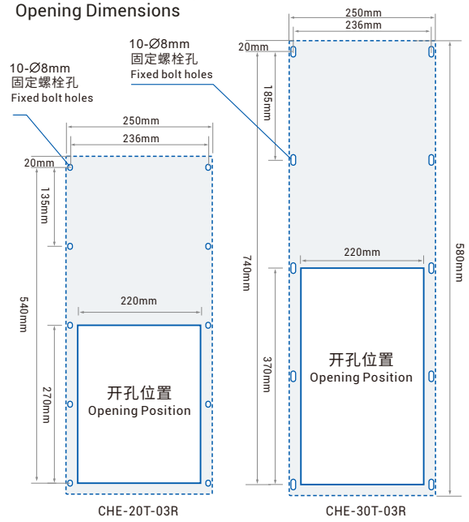
**灵活匹配**
Flexible Adaptation

**结构简单**
Simple Structure

| 型 号 MODEL | CHE-20T-03R | CHE-30T-03R |
|---|---|---|
| 工作电压 Voltage | 1/PE AC 220V | 1/PE AC 220V |
| 工作频率 Frequency | 50Hz/ 60Hz | 50Hz/ 60Hz |
| 工作电流 Current | 0.2A | 0.2A |
| 整机额定功率 Max. power consumption | 28/22W | 28/22W |
| 散热量 Radiating capacity | 10W/°C | 15W/°C |
| 最大换热量 Max. heat exchange capacity | 200W | 300W |
| 净重 N.W. | 4kg | 6kg |
| 毛重 G.W. | 5kg | 7kg |
| 机器尺寸 Dimension | 25 × 8 × 60cm (L × W × H) | 25 × 8 × 80cm (L × W × H) |
| 包装尺寸 Package dimension | 32 × 14 × 65cm (L × W × H) | 32 × 14 × 86cm (L × W × H) |

注:热交换器设计最大温差20°C
Note: The heat exchanger is designed for a maximum temperature difference of 20°C

### 电气柜面板开孔尺寸图
Electrical Cabinet Panel Opening Dimensions



# 机器命名规则 Model Naming Introduction

## 机柜空调产品型号命名规则：
## Model Naming Rules for Enclosure Cooling Units

图例 Illustration

ECU- 300 T - 01 R

- 特域机柜空调 TEYU Enclosure Cooling Unit
- 制冷量：单位 W Cooling Capacity: Unit W
- 3 代表功能类型 Function Type
- 2 代表结构及安装形式 Structure and Installation Form
- 1 代表电源类型 Power Supply

### 1 电源类型 Power Supply

| 代码 CODE | A | B | T | C | D | G | H | E | F |
|---|---|---|---|---|---|---|---|---|---|
| 单相 1P | 220V 50Hz | 220V 60Hz | 220V 50/60Hz | 110V 50Hz | 110V 60Hz | | | | |
| 三相 3P | | | | | | 220V 50Hz | 220V 60Hz | 380V 50Hz | 380V 60Hz |

### 2 机构及安装形式 Structure and Installation Form

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 01 | 户内型内装侧装式 Indoor internal side-mounted type | 02 | 户外型内装侧装式 Outdoor internal side-mounted type | 03 | 户内型外装侧装式 Indoor external side-mounted type | 04 | 户外型外装侧装式 Outdoor external side-mounted type |
| 05 | 户内型内装顶装式 Indoor internal top-mounted type | 06 | 户外型内装顶装式 Outdoor internal top-mounted type | 07 | 户内型外装顶装式 Indoor external top-mounted type | 08 | 户外型外装顶装式 Outdoor external top-mounted type |
| 09 | 户内型内装横装式 Indoor internal horizontal-mounted type | 10 | 户外型内装横装式 Outdoor internal horizontal-mounted type | 11 | 户内型外装横装式 Indoor external horizontal-mounted type | 12 | 户外型外装横装式 Outdoor external horizontal-mounted type |

### 3 功能类型 Function type

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R: | 普通型 Regular type | H: | 高温型 High-temperature type | EH: | 电加热型 Electric heating type | NCW: | 无冷凝水型 Non-condensing water type |

## 控制柜热交换器产品型号命名规则：
## Model Naming Rules for Cabinet Heat Exchanger Units

图例 Illustration

CHE- 20 T - 03 R

- 热交换器系列 Cabinet Heat Exchanger Series
- 散热量代码 Heat Dissipation Code
- 3 代表功能类型 Function Type
- 2 代表结构及安装形式 Structure and Installation Form
- 1 代表电源类型 Power Supply

### 1 电源类型 Power Supply

| 代码 CODE | A | B | T |
|---|---|---|---|
| 单相 1P | 220V 50Hz | 220V 60Hz | 220V 50/60Hz |

### 2 机构及安装形式 Structure and Installation Form

| | | | | | |
|---|---|---|---|---|---|
| 01 | 户内型内装侧装式 Indoor internal side-mounted type | 02 | 户外型内装侧装式 Outdoor internal side-mounted type | 03 | 户内型外装侧装式 Indoor external side-mounted type |

### 3 功能类型 Function Type

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R: | 普通型 Regular type | H: | 高温型 High-temperature type | EH: | 电加热型 Electric heating type | NCW: | 无冷凝水型 Non-condensing water type |



## 制冷型机器命名规则：
## Refrigeration Type Chiller Naming Rules

图例 Illustration

CWFL-12000EN

- 特域冷水机 TEYU Chiller
- 4 代表水泵代码 Water Pump
- 3 代表电源类型 Electric Source Type
- 2 代表机器型号系列 Chiller Model Series
- 1 代表机器的专用类型 Chiller Application

### 1 专用类型 Chiller Application

| | | | |
|---|---|---|---|
| RM: Rack Mount 机柜式 | FL: Fiber Laser 光纤激光 | UL: Ultraviolet Laser 紫外激光 | UP: Ultra-precise 高精度 |

### 2 机器型号系列 Chiller Model Series

**CWFL**

光纤激光冷水机机器型号系列:
Chiller model series for fiber laser:

1000 1500 2000 3000 4000 6000 8000 12000 20000 30000 40000 60000 80000 120000 160000

**CW**

标准机器型号系列:
Standard chiller model series:

3000 5000 5200 5300 6000 6100 6200 6260 6500 7500 7800 7900 8000

**CWFL**

水冷型型号系列:
Water cooled chiller model series:

1000ANSW 1500ANSW 2000ANSW 3000ANSW 4000ENSW 6000ENSW 8000ENSW

**CW**

水冷型型号系列:
Water cooled chiller model series:

5000TISW 5200TISW 5300ANSW 6000ANSW 6100ANSW 6200ANSW 6300ANSW 6500ENSW

**CWUL**

紫外UV机器型号系列:
Chiller model series for UV laser:

05 10

**CWUP**

独立高精密型号系列:
Stand-alone high precision chiller model series:

05THS 20ANP 10 20 30 40 60

**RMUP**

机柜式高精密型号系列:
High precision rack mount chiller model series:

300 500

**RMFL**

机柜式激光机器型号系列:
Rack mount chiller model series for fiber laser:

1500 2000 3000

### 3 电源类型 Power Supply

| 代码 CODE | A | B | T | C | D | U | E | F | H | K | V | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 单相 1P | 220V 50Hz | 220V 60Hz | 220V 50Hz/60Hz | 110V 50Hz | 110V 60Hz | 110V 50Hz/60Hz | | | | | | |
| 三相 3P | | | | | | | 380V 50Hz | 380V 60Hz | 220V 60Hz | 460V/480V 60Hz | 415V 50Hz | 440V 60Hz |

### 4 水泵类型 Water Pump Types

| 代码 CODE | G | H | I | K | N | T |
|---|---|---|---|---|---|---|
| 水泵 Water pump | 30W直流泵 30W DC pump | 50W直流泵 50W DC pump | 88W/132W直流泵 88W/132W DC pump | 隔膜泵 Diaphragm pump | 高扬程泵 High lift pump | 特殊水泵 Special pump |

**从2017年起，我司部分产品的标签除基本型号名称外，会增添一个配置码。**
**配置码会显示在产品参数标签上，如某款6000AH机型的其中一个配置码是4530。**

通过配置码可以查询特域冷水机的功能参数、主要零件、外观及客户需求等信息，同时也缩短了机器型号的长度，加快了客户的采购过程以及为客户提供更精准的售后服务。
Since 2017, a configuration code has been added to the label of selected products in addition to the basic model name.
The configuration code is indicated on the product parameter label. For example, one configuration code for a 6000AH model is 4530.
Through this code, the parameters, key components, appearance, and customized information of TEYU chillers can be identified. It also shortens the model name, speeds up the purchasing process, and enables more accurate after-sales service for customers.