



Industrial Chiller 工业制冷系统

专注激光冷水机22年
22-Year Dedication to Laser Chiller



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

广州特域机电有限公司

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2024



专注激光冷水机
22 Years Dedicated To Laser Chiller

22年
2002-2024



特域公司简介

广州特域机电有限公司是一家拥有超过22年经营历史，从2002年成立至今一直专注研发、生产和销售工业制冷系统的现代环保型高新企业。特域总部占地面积达30,000平方米，拥有约500多名员工。冷水机的年出货量突破12万台，产品销往全球100多个国家和地区。

特域冷水机广泛应用于各种工业制造，激光加工和医疗行业，如高功率激光器、水冷高速主轴和医疗设备等专业领域。其超精密的温控系统也为尖端领域提供以客户为导向的冷却解决方案，如皮秒和纳秒激光器、生物科研和物理实验等新型领域。

特域冷水机系列产品多样化，覆盖领域广，以精密高效、智能方便、制冷性能稳定及支持与计算机通信等多项优势，在行业中建立起出色的品牌形象。22年经营沉淀，“S&A”和“特域”品牌已得到激光市场认可与熟知。

About Us

For over 22 years, Guangzhou Teyu Electromechanical Co., Ltd. (also known as S&A) is a modern high-tech enterprise that was founded in 2002 and has been dedicating to designing, R&D and manufacturing environmentally friendly industrial refrigeration system. The headquarter covers an area of 30,000 square meters, and has about 500+ employees. With annual sales volume of cooling system up to 120,000 units, the product has been sold to more than 100+ countries and regions.

TEYU cooling system is widely used in a variety of industrial manufacturing, laser processing and medical industries, such as high-power lasers, water-cooled high-speed spindles, medical equipment and other professional fields. TEYU ultra-precise temperature control system also provides customer-oriented cooling solutions for cutting-edge industries, such as picosecond and nanosecond lasers, biological scientific research, physics experiments and other new areas.

TEYU industrial chiller features wide product diversity, multiple applications, high precision & efficiency in addition to intelligent control, ease of use, stable cooling performance and computer communication supporting, making it a well-known brand in the laser industry. With 22-year development, our brands "S&A" and "TEYU" are well recognized by the laser market.



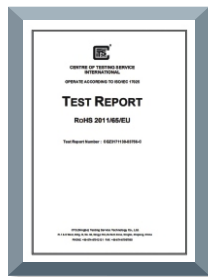
产品专利证书
Product patent



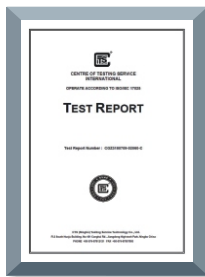
ISO质量管理体系认证证书
ISO certificate



CE认证
CE approved



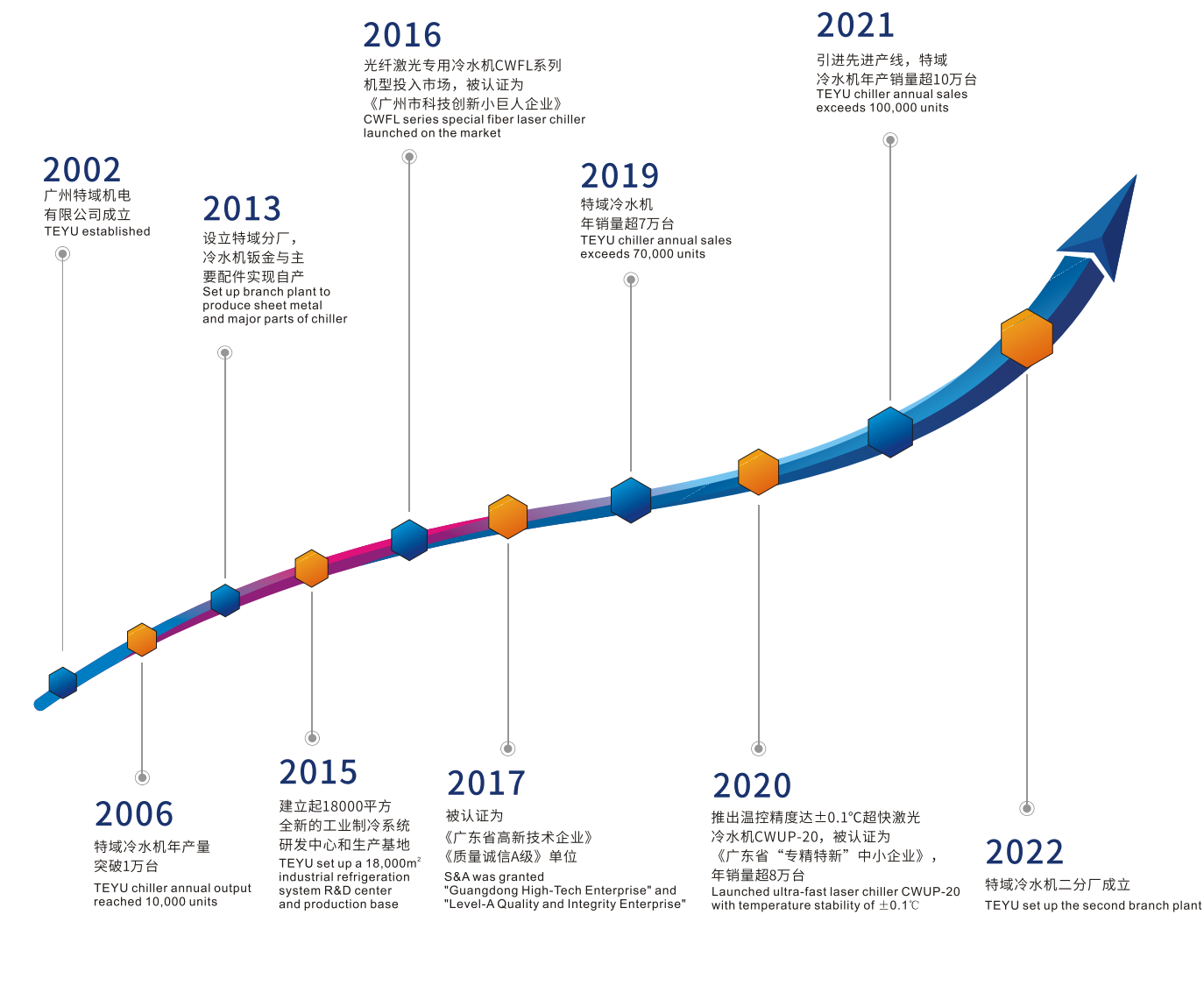
RoHS认证
RoHS compliant



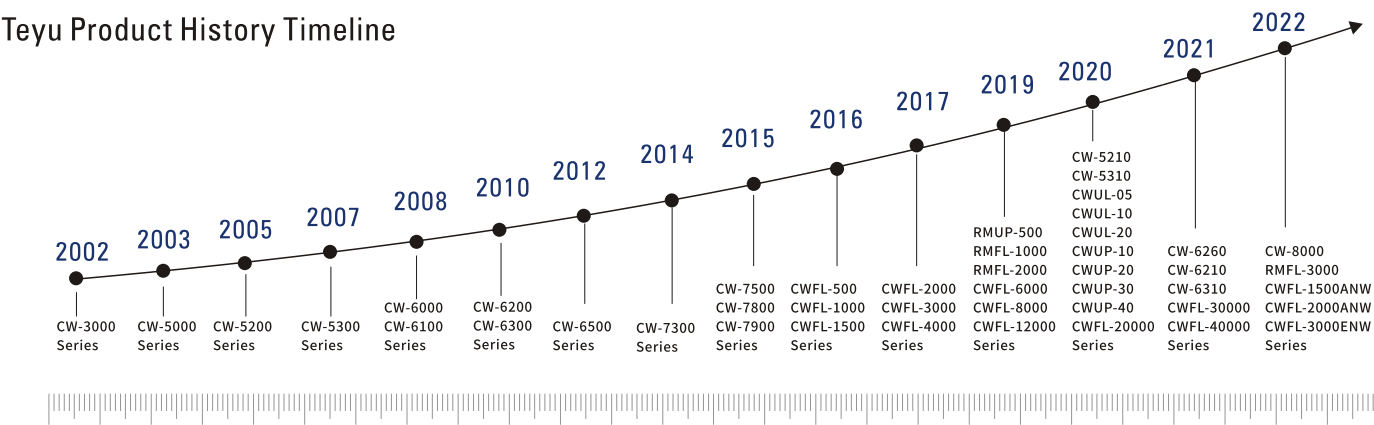
REACH认证
REACH compliant



公司成长历程
Teyu Company History Timeline



公司产品历表
Teyu Product History Timeline



公司全球销售网络
Teyu Global Sales Network



海外服务点：波兰、德国、土耳其、墨西哥、俄罗斯、新加坡、韩国、印度、新西兰
Overseas service points: Poland, Germany, Turkey, Mexico, Russia, Singapore, Korea, India, New Zealand

严谨的质量管理体系
Teyu Quality Control System



采购

严密把控和管理供应链
确保每一个零部件都符合使用标准
Purchasing
Strictly control and manage supply chain
Ensure that each component is compliant with using standard



生产前控制

核心部件全检
对核心零部件进行老化测试
Pre-production Control
Full inspection on key components
Aging test on key components



生产装配过程

工艺标准化执行
严格按照机器生产工序流程的规定和注意事项进行机器装配
Production Assembly Process
Standardized technique implementation
Assemble the chillers in strict accordance with specific regulated manufacturing procedures



出厂前质检

全方位性能深入检测
每一台成品机都必须经过全面的性能检测
QC Before Delivery
Overall performance testing
Aging test and complete performance test must be performed on each finished chiller



交付

准时交货
缩短客户供应链整体响应周期
Delivery
Deliver on time
Shorten the overall response cycle of supply chain



客户服务

质保2年
终身维护服务，400服务热线全天候接听和快速响应
Customer Service
2 year warranty
Lifetime maintenance and repair, 24/7 hotline service with quick response



系统化仓库管理
Systematic warehouse management



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



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

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



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



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



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





可供选择机型达90多款
More than 90 chiller models for choice

120
MORE

可供定制机型达120种
More than 120 chiller models
available for customization

100⁺

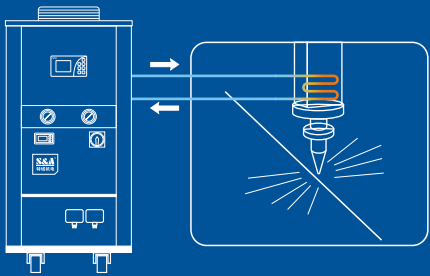
适用于100多个制造加工行业
Applicable to over 100
manufacturing and
processing industries

0.3-42_{kW}

制冷量0.3kW-42kW
各种等级可供选择
Cooling capacity ranging
from 0.3kW to 42 kW



提供系统化产品与服务
Provide Systematic Products And Service



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 Rate 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	±0.5℃	1.5L/min + > 10L/min	40M	R-410a	1000W
CWFL-1500	±0.5℃	1.5L/min + > 12L/min	35M	R-410a	1500W
CWFL-2000	±0.5℃	1.5L/min + > 20L/min	35M	R-410a	2000W
CWFL-3000	±0.5℃	1.5L/min + > 25L/min	40M	R-410a	3000W
CWFL-4000	±1℃	1.5L/min + > 30L/min	50~59M	R-410a	4000W
CWFL-6000	±1℃	1.5L/min + > 50L/min	59~61.5M	R-410a	6000W
CWFL-8000	±1℃	2.5L/min + > 65L/min	59~61.5M	R-410a	8000W
CWFL-12000	±1℃	2.5L/min + > 100L/min	75~78M	R-410a	12000W
CWFL-20000	±1℃	5L/min + > 150L/min	81.5~85M	R-410a	20000W
CWFL-30000	±1℃	10L/min + > 250L/min	80~81M	R-407c	30000W
CWFL-40000	±1℃	10L/min + > 350L/min	81~86M	R-407c	40000W
CWFL-60000	±1℃	10L/min + > 500L/min	53M	R-407c	60000W
RMFL-1500 机柜式 Rack mount	±0.5℃	2L/min + > 12L/min	40M	R-410a	1000W-1500W
RMFL-2000 机柜式 Rack mount	±0.5℃	2L/min + > 15L/min	40M	R-410a	2000W
RMFL-3000 机柜式 Rack mount	±0.5℃	2L/min + > 25L/min	40M	R-410a	3000W
CWFL-1500ANW	±1℃	1L/min + > 12L/min	40M	R-410a	1000W-1500W
CWFL-2000ANW	±1℃	1.5L/min + > 12L/min	42M	R-410a	2000W
CWFL-3000ENW	±1℃	2L/min + > 20L/min	44M	R32	3000W

光纤激光冷水机
Fiber Laser Chiller

CWFL- 1000
CWFL- 1500
CWFL- 2000



光纤激光冷水机
Fiber Laser Chiller

CWFL- 3000
CWFL- 4000
CWFL- 6000



型 号	MODEL	CWFL-1000		CWFL-1500		CWFL-2000	
		CWFL-1000ANS03	CWFL-1000BNS03	CWFL-1500ANS03	CWFL-1500BNS03	CWFL-2000ANS03	CWFL-2000BNS03
工作电压	Voltage	AC 1P 220~240V	AC 1P 220~240V	AC 1P 220~240V	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	0.9~10.1A	0.9~9.3A	1.8~12.1A	1.8~12.8A	1.8~18.1A	1.8~13.21A
整机额定功率	Max. power consumption	1.91kW	1.93kW	2.44kW		3.13kW	2.76kW
电辅助功率	Heater power	200W+600W		400W+600W		400W+600W	
温控精度	Precision	±0.5℃		±0.5℃		±0.5℃	
节流器	Reducer	毛细管Capillary		毛细管Capillary		毛细管Capillary	
水泵功率	Pump power	0.14kW		0.25kW		0.25kW	
水箱容量	Tank capacity	10L		10L		14L	
出入口	Inlet and outlet	Rp1/2"+Rp1/2"		Rp1/2"+Rp1/2"		Rp1/2"+Rp1/2"	
水泵最大扬程	Max.pump pressure	40M		35M		35M	
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		42Kg		55Kg	49Kg
毛重	G.W.	48Kg		51Kg		66Kg	60Kg
机器尺寸	Dimension	59X38X74cm (L X W X H)		59X38X74cm (L X W X H)		67 X 47 X 90cm (L X W X H)	
包装尺寸	Package dimension	66X48X92cm (L X W X H)		66X48X92cm (L X W X H)		73 X 57 X 105cm (L X W X 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-3000		CWFL-4000		CWFL-6000	
		CWFL-3000ANS03	CWFL-3000BNS03	CWFL-4000ENS03	CWFL-4000BNS03	CWFL-6000ENS04	CWFL-6000FNS04
工作电压	Voltage	AC 1P 220~240V	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	1.9~20.7A	1.9~22.5A	1.7~13.6A	3.6~30.9A	2.1~13.9A	2.1~15.3A
整机额定功率	Max. power consumption	4.25kW	4.55kW	5.62kW	6kW	6.36kW	7.51kW
电辅助功率	Heater power	550W+1400W		550W+1400W		550W+1400W	
温控精度	Precision	±0.5℃		±1℃		±1℃	
节流器	Reducer	毛细管Capillary		毛细管Capillary		毛细管Capillary	
水泵功率	Pump power	0.4kW		0.75kW	1kW	1.1kW	1kW
水箱容量	Tank capacity	22L		22L		22L	
出入口	Inlet and outlet	Rp1/2"+Rp1/2"		Rp1/2"+Rp1"		Rp1/2"+Rp1"	
水泵最大扬程	Max. pump pressure	40M		50M	59M	61.5M	59M
额定流量	Rated flow	1.5L/min + >25L/min		1.5L/min + >30L/min		1.5L/min + >50L/min	
净重	N.W.	63Kg		92Kg		105Kg	
毛重	G.W.	73Kg		106Kg		119Kg	
机器尺寸	Dimension	69 X 47 X 90cm (L X W X H)		75 X 56 X 102cm (L X W X H)		75 X 56 X 102cm (L X W X H)	
包装尺寸	Package dimension	73 X 57 X 105cm (L X W X H)		78 X 65 X 117cm (L X W X H)		78 X 65 X 117cm (L X W X H)	

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光纤激光冷水机
Fiber Laser Chiller

CWFL- 8000
CWFL- 12000



Energy Saving
低耗节能



Overcurrent
Protection For
Compressor
压缩机过流保护



Over Temp Alarm
超温报警



Flow Alarm
流量报警



Dual Temp Control
双温控系列



光纤激光冷水机
Fiber Laser Chiller

CWFL-20000
CWFL-30000



Energy Saving
低耗节能



Overcurrent
Protection For
Compressor
压缩机过流保护



Over Temp Alarm
超温报警



Flow Alarm
流量报警



Dual Temp Control
双温控系列



Double-effect Heating
双效升温



型 号	MODEL	CWFL-8000		CWFL-12000	
		CWFL-8000ENS04	CWFL-8000FNS04	CWFL-12000ENS04	CWFL-12000FNS04
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	2.1~22.4A	2.1~19.6A	4.3~25.6A	6.3~27.9A
整机额定功率	Max. power consumption	10.18kW	9.37kW	11.62kW	13.85kW
电辅助功率	Heater power	600W+1800W		600W+1800W	
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		75L	
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	78M
额定流量	Rated flow	2.5L/min +>65L/min		2.5L/min +>100L/min	
净重	N.W.	141Kg		202Kg	
毛重	G.W.	163Kg		225Kg	
机器尺寸	Dimension	87 x 66 x 119cm (L x W x H)		116 X 71 X 151cm (L X W X H)	
包装尺寸	Package dimension	95 x 77 x 135cm (L x W x H)		123 X 82 X 166cm (L X W X H)	

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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	5.3~40.1A	7.9~41.5A	10.7~70.4A	7.9~62.5A
整机额定功率	Max. power consumption	21.46kW	22.27kW	27.19kW	25.66kW
电辅助功率	Heater power	1000W +3600W		1800W+10800W	
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	3.5kW	3kW	5.5kW	
水箱容量	Tank capacity	170L		330L	
出入水口	Inlet and outlet	Rp1/2"+ Rp1-1/2"		Rp1/2" + Rp2"	
水泵最大扬程	Max. pump pressure	85M	81.5M	81M	80M
额定流量	Rated flow	5L/min+>150L/min		10L/min+>250L/min	
净重	N.W.	312Kg	304Kg	753Kg	737Kg
毛重	G.W.	352Kg	344Kg	967Kg	966Kg
机器尺寸	Dimension	158 X 80 X132cm (L X W X H)		227 X 113 X 190cm (L X W X H)	
包装尺寸	Package dimension	170 X93 X 152cm (L X W X H)		235 X 137 X 214cm (L X W X 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



- 

Energy Saving
低耗节能
- 

Overcurrent
Protection For
Compressor
压缩机过流保护
- 

Over Temp Alarm
超温报警
- 

Flow Alarm
流量报警
- 

Dual Temp Control
双温控系列
- 

Double-effect Heating
双效升温



型 号	MODEL	CWFL-40000	
		CWFL-40000ET	CWFL-40000FT
工作电压	Voltage	AC 3P 380V	
工作频率	Frequency	50Hz	60Hz
工作电流	Current	15~89.6A	14.36~87.2A
整机额定功率	Max. power consumption	46.82kW	45.9kW
电辅助功率	Heater power	10800W+1800W	
温控精度	Precision	±1℃	
节流器	Reducer	毛细管Capillary	
水泵功率	Pump power	7.5kW	
水箱容量	Tank capacity	536L	
出入水口	Inlet and outlet	Rp1/2" + Rp2"	
水泵最大扬程	Max. pump pressure	86M	81M
额定流量	Rated flow	10L/min+>350L/min	
净重	N.W.	923Kg	
毛重	G.W.	1210Kg	
机器尺寸	Dimension	286 X 113 X 190cm (L X W X H)	
包装尺寸	Package dimension	295 X 137 X 214cm (L X W X H)	

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型 号	MODEL	CWFL-60000	
		CWFL-60000ET	CWFL-60000FT
工作电压	Voltage	AC 3P 380V	
工作频率	Frequency	50Hz	60Hz
工作电流	Current	22.5~120.7A	28.2~116.2A
整机额定功率	Max. power consumption	64.68kW	63.32kW
电辅助功率	Heater power	10800W+1800W	
温控精度	Precision	±1℃	
节流器	Reducer	毛细管Capillary	
水泵功率	Pump power	4.4kW+4.4KW	5.5kW+5.5KW
水箱容量	Tank capacity	600L	
出入水口	Inlet and outlet	Rp1/2" + Rp2-1/2"	
水泵最大扬程	Max. pump pressure	53M	
额定流量	Rated flow	10L/min+>500L/min	
净重	N.W.	1292kg	
毛重	G.W.	1635kg	
机器尺寸	Dimension	340 X 139 X 190cm (L X W X H)	
包装尺寸	Package dimension	355 X 163 X 214cm(L X W X 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



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.

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 Machine (Fiber laser is not included)
Applicable to various welding scenarios

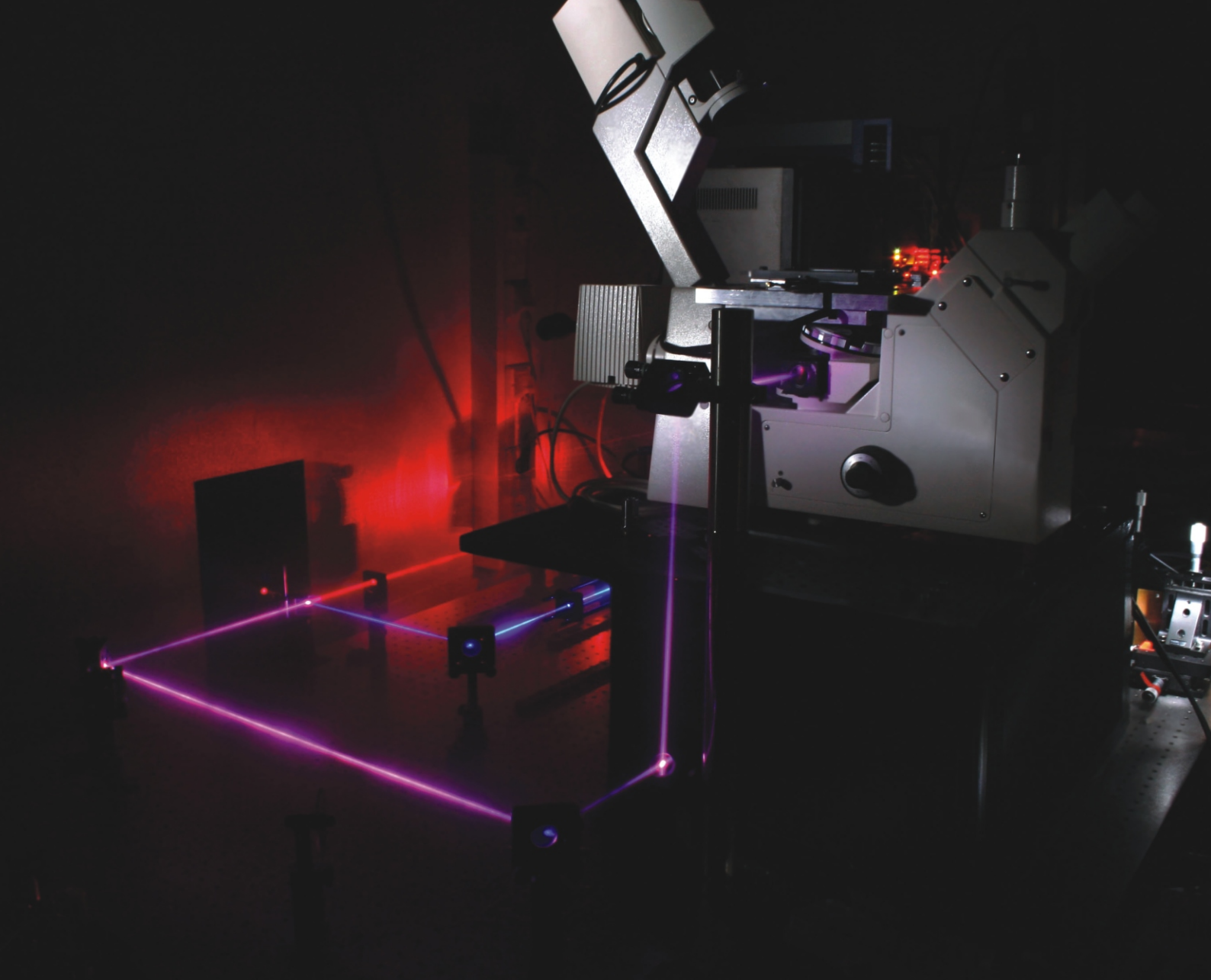
With built-in S&A laser chiller, after installing a fiber laser for welding, it constitutes a portable and mobile handheld laser welding machine.
Main features: Lightweight, movable, space-saving, easy to carry to the processing site of various application scenarios
Eliminated pain point: Users do not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

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	
工作电流	Current	0.9~11A		0.9~11.7A		1~12.3A	
整机额定功率	Max. power consumption	2.32kW		2.32kW		3.03kW	
		1.1kW		1.08kW		1.7kW	
压缩机功率	Compressor power	1.48HP		2.28HP		1.78HP	
		1.44HP		2.28HP		2.77HP	
制冷剂	Refrigerant	R-410a		R-410a		R-410a	
温控精度	Precision	±0.5°C		±0.5°C		±0.5°C	
节流器	Reducer	毛细管Capillary		毛细管Capillary		毛细管Capillary	
水泵功率	Pump power	0.13kW		0.2kW		0.4kW	
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	40M		40M		40M	
额定流量	Rated flow	2L/min+>12L/min		2L/min+>15L/min		2L/min+>25L/min	
净重	N.W.	44Kg		49Kg		59Kg	
毛重	G.W.	54Kg		60Kg		71Kg	
机器尺寸	Dimension	75 X 48 X 43cm(L X W X H)		77 X 48 X 43cm(L X W X H)		88 X 48 X 43cm(L X W X H)	
包装尺寸	Package dimension	88 X 58 X 61cm(L X W X H)		88 X 58 X 61cm(L X W X H)		99 X 58 X 61cm(L X W X 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-1500ANW		CWFL-2000ANW		CWFL-3000ENW
		CWFL-1500ANW12	CWFL-1500BNW12	CWFL-2000ANW12	CWFL-2000BNW12	CWFL-3000ENW12
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
工作电流	Current	0.9~10.9A	0.9~10A	1.8~12.1A	1.8~11.8A	3.4~19.8A
整机额定功率	Max. power consumption	2.3kW	2.03kW	2.02kW	2.085kW	3.8kW
		1.37kW	1.08kW	1.49kW	1.325kW	1.885kW
压缩机功率	Compressor power	1.83HP	1.45HP	1.998HP	1.78HP	2.53HP
		1.83HP		1.998HP		R32
制冷剂	Refrigerant	R-410a		R-410a		R32
温控精度	Precision	±1°C		±1°C		±1°C
节流器	Reducer	毛细管Capillary		毛细管Capillary		毛细管Capillary
水泵功率	Pump power	0.13kW		0.25kW		0.55kW
水箱容量	Tank capacity	10L		10L		16L
出入水口	Inlet and outlet	快速接头 Φ6+Φ12 Φ6+Φ12 Fast connector		快速接头 Φ12+Φ6 Φ12+Φ6 Fast connector		Φ20宝塔接头+Φ6快速接头 Φ20 Barbed connector + Φ6 Fast connector
水泵最大扬程	Max. pump pressure	40M		42M		44M
额定流量	Rated flow	1L/min+>12L/min		1.5L/min+>12L/min		2L/min+>20L/min
净重	N.W.	65Kg		86Kg		90Kg
毛重	G.W.	77Kg		100Kg		107Kg
机器尺寸	Dimension	80 X 40 X 74cm(L X W X H)		109 X 45 X 86cm(L X W X H)		110 X 53 X 96cm(L X W X H)
包装尺寸	Package dimension	95 X 48 X 92cm(L X W X H)		115 X 49 X 106cm(L X W X H)		115 X 57 X 127cm(L X W X 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.



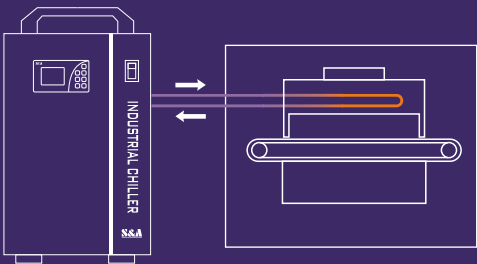
超快激光冷水机 紫外激光冷水机

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	水泵最大流量 Max. Pump 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-10	外置式 Stand-alone	±0.1℃	15L/min	25M	R-134a	10W-15W
CWUP-20		±0.1℃	15L/min	25M	R-410a R-407c	20W
CWUP-30		±0.1℃	75L/min	27M	R-410a	30W
CWUP-40		±0.1℃	75L/min	27M	R-410a	40W
CWUP-60		±0.1℃	75L/min	44~53M	R-410a	60W
RMUP-300	机柜式 Rack mount	±0.1℃	13L/min	12M	R-134a	3W-5W
RMUP-500		±0.1℃	15L/min	25M	R-134a	10W-15W
CWUL-05	外置式 Stand-alone	±0.3℃	13L/min	12M	R-134a	3W-5W
CWUL-10		±0.3℃	13~15L/min	12~25M	R-134a	10W-15W



该系列应用于超快激光器、紫外激光器冷却

采用PID控制技术，可提供高达±0.1℃的卓越温度精度，出色地保持激光稳定性和耐用性

For Ultrafast & UV Laser Cooling

With PID control technology, it maintains the laser stability and durability excellently by providing superior temperature accuracy up to ±0.1℃

超快激光冷水机
Ultrafast Laser Chiller
CWUP-10 CWUP-20
CWUP-30 CWUP-40
CWUP-60



Low energy consumption (Energy Saving), Compressor overcurrent protection (Overcurrent Protection For Compressor), Flow alarm (Flow Alarm), High precision temperature control (Ultra-precise Temp Control).

型 号	MODEL	CWUP-10		CWUP-20		CWUP-30		CWUP-40		CWUP-60	
		CWUP-10AI	CWUP-10BI	CWUP-20AI	CWUP-20BI	CWUP-30AN	CWUP-30BN	CWUP-40AN	CWUP-40BN	CWUP-60AN	CWUP-60BN
工作电压	Voltage	AC 1P 220~240V		AC 1P 220~240V		AC 1P 220~240V		AC 1P 220~240V		AC 1P 220~240V	
工作频率	Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
工作电流	Current	0.6~5.6A		0.6~7.7A		2.3~9A	2.1~8.9A	2.3~11.4A	2.1~12A	3.4~21.4A	3.9~21.1A
整机额定功率	Max. power consumption	1.02kW	1.04kW	1.26kW	1.37kW	1.9kW	1.91kW	2.14kW	2.36kW	3.83kW	4.03kW
压缩机功率	Compressor power	0.37kW	0.39kW	0.59kW	0.7kW	0.87kW	0.88kW	1.11kW	1.08kW	1.75kW	1.7kW
		0.49HP	0.53HP	0.8HP	0.95HP	1.17HP	1.18HP	1.48HP	1.44HP	2.34HP	2.27HP
名义制冷量	Nominal cooling capacity	2559Btu/h		4879Btu/h		8188Btu/h		10713Btu/h		13648Btu/h	
		0.75kW		1.43kW		2.4kW		3.14kW		4kW	
		644Kcal/h		1229Kcal/h		2063Kcal/h		2699Kcal/h		3439Kcal/h	
制冷剂	Refrigerant	R-134a		R-410a	R-407c	R-410a		R-410a		R-410a	
温控精度	Precision	±0.1°C		±0.1°C		±0.1°C		±0.1°C		±0.1℃	
节流器	Reducer	毛细管Capillary		毛细管Capillary		毛细管Capillary		毛细管Capillary		毛细管Capillary	
水泵功率	Pump power	0.09kW		0.09kW		0.37kW		0.37kW		0.55kW	0.75kW
水箱容量	Tank capacity	6L		6L		10L		14L		14L	
出入口	Inlet and outlet	Rp1/2"		Rp1/2"		Rp1/2"		Rp1/2"		Rp1/2"	
水泵最大扬程	Max. pump pressure	25M		25M		27M		27M		44M	53M
水泵最大流量	Max. pump flow	15L/min		15L/min		75L/min		75L/min		75L/min	
净重	N.W.	24Kg		25Kg		52Kg	55Kg	58Kg		67Kg	
毛重	G.W.	27Kg		28Kg		58Kg	61Kg	70Kg		79Kg	
机器尺寸	Dimension	58 X 29 X 52cm (LXWXH)		58 X 29 X 52cm (LXWXH)		59 X 38 X 74cm (LXWXH)		67 X 47 X 89cm (LXWXH)		67 X 47 X 89cm (LXWXH)	
包装尺寸	Package dimension	65 X 36 X 56cm (LXWXH)		65 X 36 X 56cm (LXWXH)		66 X 48 X 92cm (LXWXH)		73 X 57 X 105cm (LXWXH)		73 X 57 X 105cm (LXWXH)	

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



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-300AH	RMUP-300BH	RMUP-500AI	RMUP-500BI
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	0.5~5A	0.5~4.8A	0.6~5.2A	
整机额定功率	Max. power consumption	0.84kW	0.9kW	0.98kW	1kW
压缩机功率	Compressor power	0.21kW	0.27kW	0.32kW	0.35kW
		0.29HP	0.36HP	0.44HP	0.46HP
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-134a	
温控精度	Precision	±0.1°C		±0.1°C	
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	
出入口	Inlet and outlet	Rp1/2"		Rp1/2"	
水泵最大扬程	Max. pump pressure	12M		25M	
水泵最大流量	Max. pump flow	13L/min		15L/min	
净重	N.W.	19Kg		21Kg	
毛重	G.W.	21Kg		24Kg	
机器尺寸	Dimension	49 X 48 X 18cm (L X W X H) 4U		49 X 48 X 26cm (L X W X H) 6U	
包装尺寸	Package dimension	59 X 53 X 26cm (L X W X H)		59 X 53 X 34cm (L X W X 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.

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
Temp Control



型 号	MODEL	CWUL-05			CWUL-10					
		CWUL-05AH	CWUL-05BH	CWUL-05DH	CWUL-10AH	CWUL-10BH	CWUL-10DH	CWUL-10AI	CWUL-10BI	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	50Hz	60Hz		50Hz	60Hz		50Hz	60Hz	
工作电流	Current	0.5~4.2A	0.5~3.9A	0.5~7.4A	0.5~5.5A		0.5~9.9A	0.6~5.6A	0.6~5.2A	0.6~10A
整机额定功率	Max. power consumption	0.77kW		0.8kW	0.98kW	1kW	1.01kW	1.02kW	1kW	1.05kW
压缩机功率	Compressor power	0.19kW		0.21kW	0.37kW	0.39kW	0.38kW	0.37kW	0.35kW	0.38kW
		0.25HP		0.28HP	0.5HP	0.52HP	0.51HP	0.5HP	0.47HP	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-134a					
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	6L			6L		6L			
出入口	Inlet and outlet	Rp1/2"			Rp1/2"		Rp1/2"			
水泵最大扬程	Max. pump pressure	12M			12M		25M			
水泵最大流量	Max. pump flow	13L/min			13L/min		15L/min			
净重	N.W.	21Kg	22Kg	23Kg	24Kg					
毛重	G.W.	24Kg	25Kg	26Kg	27Kg					
机器尺寸	Dimension	58 X 29 X 52cm (L X W X H)			58 X 29 X 52cm (L X W X H)					
包装尺寸	Package dimension	65 X 36 X 56cm (L X W X H)			65 X 36 X 56cm (L X W X 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)



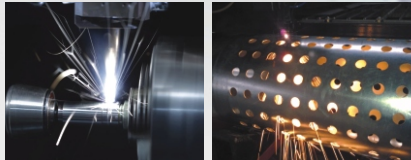
标准机选型参照表

Standard Series Selection Guide

产品系列 MODEL	温控精度 Temperature Precision	水泵最大流量 Max. Pump Flow	水泵最大扬程 Max. Pump Pressure	冷媒 Refrigerant	名义制冷量 Nominal Cooling Capacity	
CW-3000		2~10L/min	10~70M		50W/℃	
CW-5000	±0.3℃	10~15L/min	10~25M	R-134a	0.75kW	
CW-5200	±0.3℃	13~15L/min	12~25M	R-134a/ R-410a	1.43kW	
CW-5300	±0.5℃	13~75L/min	12~40M	R-410a	2.4kW	
CW-6000	±0.5℃	13~75L/min	12~40M	R-410a	3.14kW	
CW-6100	±0.5℃	15~75L/min	25~27M	R-410a	4kW	
CW-6200	±0.5℃	15~75L/min	25~27M	R-410a	5.1kW	
CW-6260	±0.5℃	75L/min	44~53M	R-410a	9kW	
CW-6300	±1℃	75L/min	44~54M	R-410a	9kW	
CW-6500	±1℃	75~130L/min	44~59M	R-410a	15kW	
CW-7500	±1℃	117~130L/min	59~61.5M	R-410a	18kW	
CW-7800	±1℃	117~130L/min	59~61.5M	R-410a	26kW	
CW-7900	±1℃	117~130L/min	59~61.5M	R-410a	33kW	
CW-8000	±1℃	200L/min	55~75M	R-410a	42kW	
CW-5200TISW	±0.1℃	15L/min	25M	R-407c	1.9kW	
CW-5300ANSW	±0.3℃	75L/min	36M	R-407c	2.4kW	
CW-6200ANSW	±0.5℃	75L/min	36M	R-410a	6.6kW	
CW-6300ENSW	±1℃	117L/min	61.5M	R-410a	8.8kW	

工业冷水机
(标准机型)
Industrial Chiller
Standard Models

CW-5000
CW-5200



CW-5000

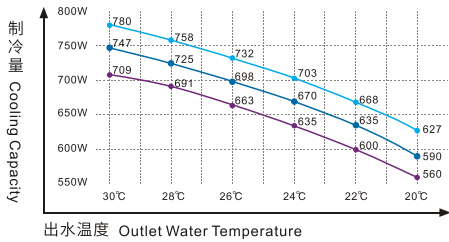
型 号	MODEL	CW-5000TG	CW-5000DG	CW-5000TI	CW-5000DI
工作电压	Voltage	AC 1P 220~240V	AC 1P 110V	AC 1P 220~240V	AC 1P 110V
工作频率	Frequency	50/60Hz	60Hz	50/60Hz	60Hz
工作电流	Current	0.4~2.7A	0.4~5.18A	0.6~2.9A	0.6~5.38A
整机额定功率	Max. power consumption	0.45/0.47kW	0.49kW	0.5/0.51kW	0.51kW
压缩机功率	Compressor power	0.37/0.39kW	0.38kW	0.37/0.39kW	0.38kW
		0.5/0.53HP	0.51HP	0.5/0.53HP	0.51HP
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	
水泵最大流量	Max. pump flow	10L/min		15L/min	
制冷剂	Refrigerant	R-134a			
温控精度	Precision	±0.3°C			
节流器	Reducer	毛细管Capillary			
水箱容量	Tank capacity	6L			
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.	20Kg	21Kg	24Kg	23Kg
毛重	G.W.	23Kg	24Kg	27Kg	26Kg
机器尺寸	Dimension	58 X 29 X 47cm (L X W X H)			
包装尺寸	Package dimension	65 X 36 X 51cm (L X W X 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.

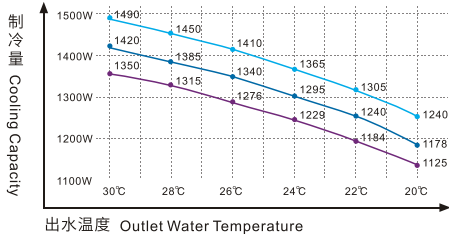
性能曲线
Performance Graphs

室温20°C Ambient Temperature 20°C	室温30°C Ambient Temperature 30°C	室温40°C Ambient Temperature 40°C
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CW-5000



CW-5200



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	0.5~4.8A	0.5~8.9A	0.6~4.9A	0.6~8.6A
整机额定功率	Max. power consumption	0.62/0.74kW	0.79kW	0.62/0.74kW	0.79kW
压缩机功率	Compressor power	0.49/0.61kW	0.66kW	0.49/0.61kW	0.66kW
		0.65/0.81HP	0.9HP	0.65/0.81HP	0.9HP
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	
水泵最大流量	Max. pump flow	13L/min		15L/min	
制冷剂	Refrigerant	R-134a	R-410a	R-134a	R-410a
温控精度	Precision	±0.3°C			
节流器	Reducer	毛细管Capillary			
水箱容量	Tank capacity	6L			
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.	25Kg	22Kg	25Kg	23Kg
毛重	G.W.	28Kg	25Kg	28Kg	26Kg
机器尺寸	Dimension	58 X 29 X 47cm (L X W X H)			
包装尺寸	Package dimension	65 X 36 X 51cm (L X W X 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

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

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	60Hz	50Hz	60Hz	60Hz	50Hz	60Hz							
工作电流	Current	0.5~5.5A	0.5~4.5A	0.5~7.3A	0.6~5.6A	0.6~4.6A	0.6~8.3A	2.3~7.3A	2.1~6.1A	6~13.7A						
整机额定功率	Max. power consumption	0.98kW	0.99kW	0.72kW	1.02kW	1.03kW	0.96kW	1.3kW	1.31kW	1.47kW						
		0.88kW	0.88kW	0.62kW	0.88kW	0.88kW	0.82kW	0.88kW	0.88kW	0.82kW						
压缩机功率	Compressor power	1.18HP	1.18HP	0.84HP	1.18HP	1.18HP	1.08HP	1.18HP	1.18HP	1.08HP						
		8188Btu/h 2.4kW 2063Kcal/h														
名义制冷量	Nominal cooling capacity															
水泵功率	Pump power	0.05kW		0.09kW		0.37kW		0.6kW		0.6kW						
水泵最大扬程	Max. pump pressure	12M		25M		27M		40M		40M						
水泵最大流量	Max. pump flow	13L/min		15L/min		75L/min										
制冷剂	Refrigerant	R-410a														
温控精度	Precision	±0.5℃														
节流器	Reducer	毛细管Capillary														
水箱容量	Tank capacity	10L														
出入口	Inlet and outlet	Rp1/2"														
净重	N.W.	37Kg		39Kg		44Kg										
毛重	G.W.	46Kg		48Kg		52Kg										
机器尺寸	Dimension	59 X 38 X 74cm (L X W X H)														
包装尺寸	Package dimension	66 X 48 X 92cm (L X W X 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

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								
工作频率	Frequency		50Hz	60Hz		50Hz	60Hz		50Hz	60Hz							
工作电流	Current		0.5~6A	0.5~5.2A	0.5~8.9A	0.6~6.1A	0.6~5.3A	0.6~9A	2.3~7.8A	2.1~6.6A	6~14.4A						
整机额定功率	Max. power consumption		1.02kW	1.04kW	0.96kW	1.06kW	1.08kW	1kW	1.34kW	1.36kW	1.51kW						
压缩机功率	Compressor power		0.88kW	0.88kW	0.79kW	0.88kW	0.88kW	0.79kW	0.88kW	0.88kW	0.79kW						
			1.17HP	1.17HP	1.06HP	1.17HP	1.17HP	1.06HP	1.17HP	1.17HP	1.06HP						
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						
水泵最大流量	Max. pump flow		13L/min				15L/min		75L/min								
制冷剂	Refrigerant		R-410a														
温控精度	Precision		±0.5℃														
节流器	Reducer		毛细管 Capillary														
水箱容量	Tank capacity		10L														
出入口	Inlet and outlet		Rp1/2"														
净重	N.W.		35Kg		36Kg				43Kg								
毛重	G.W.		44Kg		45Kg				52Kg								
机器尺寸	Dimension		59X38X74cm (L X W X H)														
包装尺寸	Package dimension		66X48X92cm (L X W X H)														

CW-6100	CW-6100AI	CW-6100BI	CW-6100AN	CW-6100BN		
工作电压	Voltage		AC 1P 220~240V			
工作频率	50Hz	60Hz	50Hz	60Hz		
工作电流	0.6~12.2A	0.6~9.9A	2.3~13.9A	2.1~8.2A		
整机额定功率	1.97kW	1.62kW	2.25kW	1.68kW		
	1.38kW	1.37kW	1.38kW	1.37kW		
压缩机功率	1.85HP	1.84HP	1.85HP	1.84HP		
名义制冷量	13648Btu/h 4kW 3439Kcal/h					
水泵功率	0.09kW		0.37kW			
水泵最大扬程	25M		27M			
水泵最大流量	15L/min		75L/min			
制冷剂	R-410a					
温控精度	±0.5℃					
节流器	毛细管Capillary					
水箱容量	14L					
出入口	Rp1/2"					
净重	53Kg		62Kg			
毛重	64Kg		73Kg			
机器尺寸	67 X 47 X 89cm (L X W X H)					
包装尺寸	73 X 57 X 105cm (L X W X H)					

CW-6200	CW-6200AI	CW-6200BI	CW-6200AN	CW-6200BN		
工作电压	Voltage		AC 1P 220~240V			
工作频率	50Hz	60Hz	50Hz	60Hz		
工作电流	0.6~12.2A	0.6~11.4A	2.3~13.9A	2.1~8.8A		
整机额定功率	1.97kW	1.95kW	2.25kW	1.88kW		
	1.75kW	1.7kW	1.75kW	1.33kW		
压缩机功率	2.38HP	2.31HP	2.38HP	1.78HP		
名义制冷量	17401Btu/h 5.1kW 4384Kcal/h					
水泵功率	0.09kW		0.37kW			
水泵最大扬程	25M		27M			
水泵最大流量	15L/min		75L/min			
制冷剂	R-410a					
温控精度	±0.5℃					
节流器	毛细管Capillary					
水箱容量	14L					
出入口	Rp1/2"					
净重	58Kg		57Kg			
毛重	70Kg		68Kg			
机器尺寸	67 X 47 X 89cm (L X W X H)					
包装尺寸	73 X 57 X 105cm (L X W X H)					

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工业冷水机
(标准机型)
Industrial Chiller
Standard Models

CW-6260
CW-6300
CW-6500



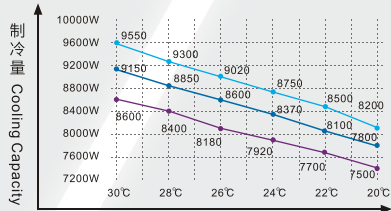
性能曲线
Performance
Graphs

室温20℃
Ambient Temperature 20℃

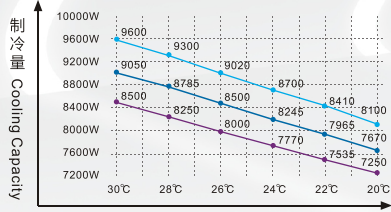
室温30℃
Ambient Temperature 30℃

室温40℃
Ambient Temperature 40℃

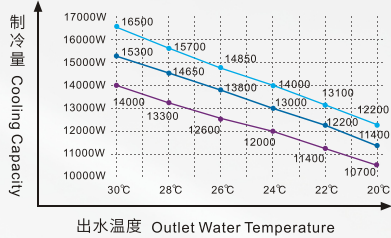
CW-6260



CW-6300



CW-6500



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

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	3.4~21.6A	3.9~21.1A
整机额定功率	Max. power consumption	3.56kW	3.84kW
		2.76kW	2.72kW
压缩机功率	Compressor power	3.76HP	3.64HP
名义制冷量	Nominal cooling capacity	30708Btu/h	
		9kW	
		7738Kcal/h	
制冷剂	Refrigerant	R-410a	
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	
出入口	Inlet and outlet	Rp1/2"	
水泵最大扬程	Max. pump pressure	44M	53M
水泵最大流量	Max. pump flow	75L/min	
净重	N.W.	81Kg	
毛重	G.W.	98Kg	
机器尺寸	Dimension	77 X 55 X 103cm (L X W X H)	
包装尺寸	Package dimension	78 X 65 X 117cm (L X W X 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-6300			CW-6500	
		CW-6300AN	CW-6300BN	CW-6300EN	CW-6500EN	CW-6500FN
工作电压	Voltage	AC 1P 220~240V		AC 3P 380V	AC 3P 380V	
工作频率	Frequency	50Hz	60Hz	50Hz	50Hz	60Hz
工作电流	Current	3.4~26.3A	3.9~29.3A	1.2~12.6A	1.4~16.6A	2.1~16.5A
整机额定功率	Max. power consumption	5.24kW	5.44kW	5.52kW	7.55kW	8.25kW
		2.64kW	2.71kW	2.65kW	4.6kW	5.12kW
压缩机功率	Compressor power	3.59HP	4.28HP	3.6HP	6.16HP	6.86HP
名义制冷量	Nominal cooling capacity	30708Btu/h			51880Btu/h	
		9kW			15kW	
		7738Kcal/h			12897Kcal/h	
制冷剂	Refrigerant	R-410a			R-410a	
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	0.75kW		0.55kW	1kW
水箱容量	Tank capacity	40L			40L	
出入口	Inlet and outlet	Rp1"			Rp1"	
水泵最大扬程	Max. pump pressure	44M	53M	54M	44M	59M
水泵最大流量	Max. pump flow	75L/min			75L/min	130L/min
净重	N.W.	113Kg	123Kg	121Kg	124Kg	
毛重	G.W.	140Kg	150Kg	145Kg	146Kg	
机器尺寸	Dimension	83 X 65 X 117cm (L X W X H)			83 X 65 X 117 cm (L X W X H)	
包装尺寸	Package dimension	95 X 77 X 135cm (L X W X H)			95 X 77 X 135 cm (L X W X 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-7500 | 7800
CW-7900 | 8000



支持 ModBus-485 通讯
SUPPORT MODBUS-485
COMMUNICATION



超温报警
Over Temp Alarm



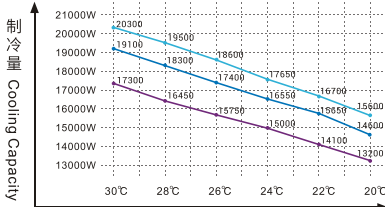
压缩机过流保护
Overcurrent Protection
For Compressor



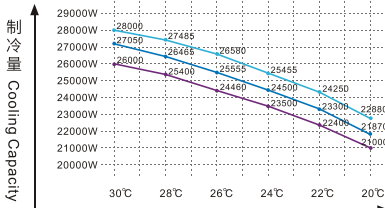
流量报警
Flow Alarm

性能曲线
Performance
Graphs

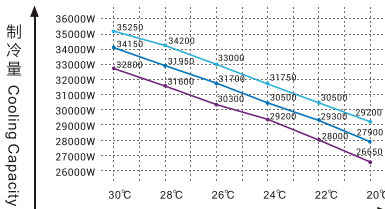
CW-7500



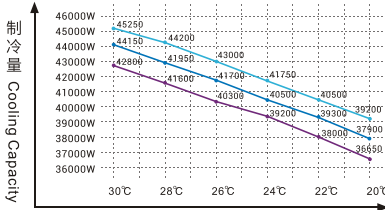
CW-7800



CW-7900



CW-8000



型 号	MODEL	CW-7500		CW-7800	
		CW-7500EN	CW-7500FN	CW-7800EN	CW-7800FN
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	2.1~18.9A	2.1~16.7A	2.1~24.5A	2.1~22.7A
整机额定功率	Max. power consumption	8.86kW	8.47kW	14.06kW	14.2kW
压缩机功率	Compressor power	5.41kW	5.12kW	8.26kW	8.5kW
		7.25HP	6.86HP	11.07HP	11.39HP
名义制冷量	Nominal cooling capacity	61416Btu/h		88712Btu/h	
		18kW		26kW	
		15476Kcal/h		22354Kcal/h	
制冷剂	Refrigerant	R-410a		R-410a	
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	1.1kW	1kW
水箱容量	Tank capacity	70L		170L	
出入口	Inlet and outlet	Rp1"		Rp1"	
水泵最大扬程	Max. pump pressure	61.5M	59M	61.5M	59M
水泵最大流量	Max. pump flow	117L/min	130L/min	117L/min	130L/min
净重	N.W.	160Kg		277Kg	270Kg
毛重	G.W.	182Kg		317Kg	310Kg
机器尺寸	Dimension	105 X 71 X 133 cm (L X W X H)		155 X 80 X 135cm (L X W X H)	
包装尺寸	Package dimension	112 X 82 X 150 cm (L X W X H)		170 X 93 X 152cm (L X W X 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-7900		CW-8000	
		CW-7900EN	CW-7900FN	CW-8000EN	CW-8000FN
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	2.1~34.1A	2.1~28.7A	6.4~40.1A	8.4~42A
整机额定功率	Max. power consumption	16.42kW	15.94kW	21.36kW	22kW
压缩机功率	Compressor power	10.62kW	10.24kW	12.16kW	13.3kW
		14.24HP	13.73HP	16.3HP	17.8HP
名义制冷量	Nominal cooling capacity	112596Btu/h		143304Btu/h	
		33kW		42kW	
		28373Kcal/h		36111Kcal/h	
制冷剂	Refrigerant	R-410a		R410a	
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	170L		210L	
出入口	Inlet and outlet	Rp1"		Rp1-1/2"	
水泵最大扬程	Max. pump pressure	61.5M	59M	75M	55M
水泵最大流量	Max. pump flow	117L/min	130L/min	200L/min	
净重	N.W.	291Kg	277Kg	460Kg	
毛重	G.W.	331Kg	317Kg	536Kg	
机器尺寸	Dimension	155 X 80 X 135cm (L X W X H)		190 X108 X 140cm (L X W X H)	
包装尺寸	Package dimension	170 X 93 X 152cm (L X W X H)		202 X 123 X 161cm (L X W X 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-5200TISW
CW-5300ANSW
CW-6200ANSW
CW-6300ENSW



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.



高精度温控
High Temperature Stability



体积小,制冷量大
节约空间
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-5200TISW
		CW-5200TISW
工作电压	Voltage	AC 1P 220~240V
工作频率	Frequency	50/60Hz
工作电流	Current	0.6~4.8A
整机额定功率	Max. power consumption	0.69/0.79kW
压缩机功率	Compressor power	0.6/0.7kW 0.8/0.93HP
名义制冷量	Nominal cooling capacity	6482Btu/h 1.9kW 1633Kcal/h
制冷剂	Refrigerant	R-407c
温控精度	Precision	±0.1℃
节流器	Reducer	毛细管Capillary
水泵功率	Pump power	0.09kW
水箱容量	Tank capacity	6L
出入口	Inlet and outlet	外径10mm宝塔接头+Rp1/2" OD 10mm Barbed connector+Rp1/2"
水泵最大扬程	Max. pump pressure	25M
水泵最大流量	Max. pump flow	15L/min
净重	N.W.	25Kg
毛重	G.W.	28Kg
机器尺寸	Dimension	58 X 29 X 47cm (L X W X H)
包装尺寸	Package dimension	65 X 36 X 51cm (L X W X 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-5300ANSW	CW-6200ANSW	CW-6300ENSW
		CW-5300ANSW	CW-6200ANSW	CW-6300ENSW
工作电压	Voltage	AC 1P 220~240V	AC 1P 220~240V	AC 3P 380V
工作频率	Frequency	50Hz	50Hz	50Hz
工作电流	Current	2.5~9.5A	2.5~19.9A	2.1~11.3A
整机额定功率	Max. power consumption	1.57kW	3.52kW	5.39kW
压缩机功率	Compressor power	0.6kW 0.8HP	1.75kW 2.38HP	2.49kW 3.33HP
名义制冷量	Nominal cooling capacity	8188Btu/h 2.4kW 2063Kcal/h	22519Btu/h 6.6kW 5674Kcal/h	30025Btu/h 8.8kW 7566Kcal/h
制冷剂	Refrigerant	R-407c	R-410a	R-410a
温控精度	Precision	±0.3℃	±0.5℃	±1℃
节流器	Reducer	毛细管Capillary	毛细管Capillary	毛细管Capillary
水泵功率	Pump power	0.37kW	0.37kW	1.1kW
水箱容量	Tank capacity	10L	22L	40L
出入口	Inlet and outlet	Rp1/2"+Rp1/2"	Rp1/2"+Rp1/2"	Rp1"+Rp1"
水泵最大扬程	Max. pump pressure	36M	36M	61.5M
水泵最大流量	Max. pump flow	75L/min	75L/min	117L/min
净重	N.W.	46Kg	67Kg	108Kg
毛重	G.W.	56Kg	79Kg	127Kg
机器尺寸	Dimension	63 X 38 X 68 cm (L X W X H)	67 X 47 X 80cm (L X W X H)	87 X 66 X 106cm (L X W X H)
包装尺寸	Package dimension	66 X 48 X 92 cm (L X W X H)	73 X 57 X 105cm (L X W X H)	95 X 77 X 135cm (L X W X 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

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		50W/°C	
水泵最大扬程	Max. pump pressure	10M		70M	
水泵最大流量	Max. pump flow	10L/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 X 27 X 38cm (L X W X H)			
包装尺寸	Package dimension	55 X 34 X 43cm (L X W X 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.					

机器命名规则 Model Naming Introduction

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

CWFL 光纤激光冷水机机器型号系列: Chiller model series for fiber laser: 1000 4000 20000 1500 6000 30000 2000 8000 40000 3000 12000 60000	CW 标准机器型号系列: Standard chiller model series: 3000 6000 6300 7900 5000 6100 6500 8000 5200 6200 7500 5300 6260 7800	CW 水冷型型号系列: Water colded chiller model series: 5200TISW 5300ANSW 6200ANSW 6300ENSW	
CWUL 紫外UV机器型号系列: Chiller model series for UV laser : 05 10 20	CWUP 独立高精密型号系列: Stand-alone high precision chiller model series: 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: Electric source types:

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	100W直流泵 100W 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。

From 2017, in addition to basic model name, a configuration code is added on the nameplate of some of our products.
Configuration code is indicated on the product nameplate. For example, one of the configuration codes of model 6000AH is 4530.

With configuration code, we can check the chiller's functional parameters, key components, appearance, customized information, etc.
It not only shortens the chiller's model name but also expedites customer's procurement process and enables us to provide more accurate after-sale service.

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