



# 深圳市华升激光科技有限公司

## SHENZHEN RISELASER TECHNOLOGY CO., LTD

### Water Chiller for Fiber Laser Source and QBH



#### Product Description

CWFL-800 dual-temperature-control water chiller is specially designed for 800W fiber laser cooling. It can cool fiber laser and QBH connector at the same time. CWFL-800 adopts dual-temperature-control mode to provide the best temperature control solution for fiber laser. Meanwhile, users can manually set the water temperature or switch to the intelligent temperature control mode according to actual needs.

#### Product details

1. Two high-precision independent temperature control systems simultaneously cool the fiber optic body and QBH connector.



2. Equipped with water pressure gauge; drain valve; universal casters



3. Double inlet and double outlet loop water interface and water level gauge

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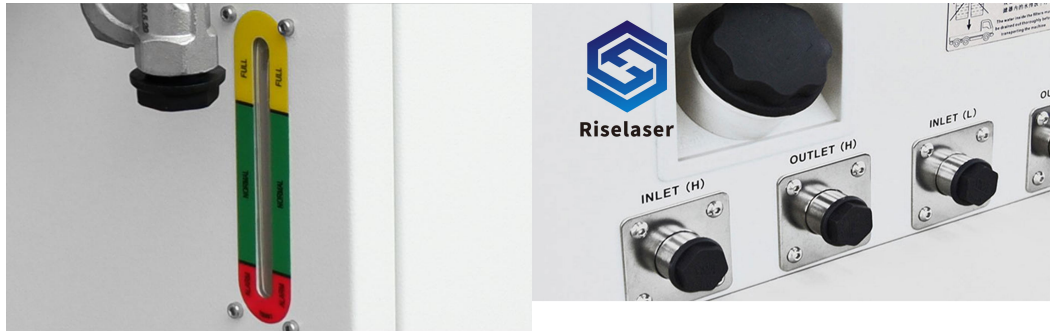
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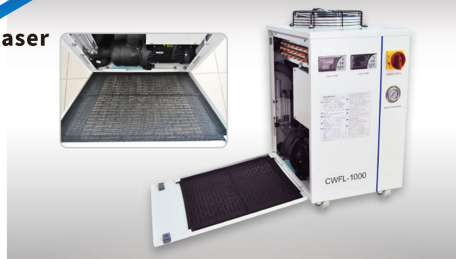
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## 4. Exhaust fan and dust net



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## Parameters

### 技术参数

		CWFL-800	
型号	MODEL	CWFL-800AN	CWFL-800BN
工作电压	Voltage	AC 1P 220 V	AC 1P 220 V
工作频率	Frequency	50 Hz	60 Hz
工作电流	Current	3.4~11.2 A	3.4~11.2 A
压缩机功率	Compressor power	1.06KW	1.05KW
		1.44HP	1.43HP
		10714Btu/h	10611Btu/h
名义制冷量	Nominal cooling capacity	3.14KW	3.11KW
		2700Kcal/h	2674Kcal/h
		400W + 1000W	
电辅助功率	Electric assisted power		
制冷剂	Refrigerant	R-22/R-410a	
充注量	Refrigerant charge	800g	750g
温控精度	Precision	± 0.5°C	
节流器	Reducer	毛细管Capillary	
水泵功率	Pump power	0.55KW	
水箱容量	Tank capacity	15L	
出入口	Inlet and outlet	Rp1/2"+Rp1/2"	
水泵最大扬程	Max. pump lift	45M	
水泵最大流量	Max. pump flow	70 L/min	
净重	N.W	80 Kgs	
毛重	G.W	90 Kgs	
机器尺寸	Dimension	78 X 47 X 89 cm (L X W X H)	
包装尺寸	Package dimension	87 X 60 X 109 cm (L X W X H)	

## Features

1. The cooling power is up to 3000W; environmentally friendly refrigerants can be used;
2. The temperature control accuracy can be within  $\pm 0.5^{\circ}\text{C}$ ;
3. The laser water chiller intelligent thermostat has two temperature control modes, which are suitable for different use occasions; it has a variety of settings and fault display functions;

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4. The dual-temperature-control mode meets the different cooling needs of the fiber laser main body and lens;
5. Equipped with ion adsorption filtering and detection, which meets the requirements of optical fiber laser;
6. With multiple alarm protection functions: compressor delay protection; compressor over-current protection; water flow alarm; temperature over-high/low alarm;
7. Multi-national power supply specifications, CE, RoHS\REACH certification;
8. Longevity and durability, easy to operate;
9. Optional heater and purified water configuration.

#### Certifications & Exhibition



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