

# 工业水冷机

## 应用范围 Application Range

- 加工中心高速电主轴、水冷式伺服电机  
For high speed spindle in machining center, Water-cooled servo motor
- CNC 线切割机床、多线切割机  
CNC wire cutting machine, multi-wire sawing machine
- CNC 雕刻机、高速雕刻机  
CNC Carving Machine, High speed engraving and milling machine
- CNC 机床力矩电机、直线电机  
CNC machine tool torque motor, linear motor
- PCB 钻孔机、铣边机  
PCB drilling machine, milling machine
- 服装机械、食品机械、塑料机械、模具、淬火机及焊接设备  
Garment machinery, food machinery, plastic machinery, mold, quenching machine and welding equipment
- 半导体制造、光学设备及实验仪器  
Semiconductor manufacturing, optical equipment and experimental instruments



欧洲品牌温控器及电气件  
可编程 高温控精度  
质量稳定可靠



全球知名品牌压缩机  
高效 节能 环保



国际知名品牌水泵  
高品质 低故障 长寿命

## 功能及特性 Functions and features

- 采用高压静电喷塑处理，外观高雅别致，经久耐用。  
Adopt high voltage electrostatic spray treatment, elegant and chic appearance, durable.
- 独特的结构设计，体积小，性能稳定，精巧美观；  
Unique structure design, small size, stable performance, exquisite and beautiful;
- 系统元件均采用国内外知名品牌，保证设备优异的品质和良好的安全可靠性  
System components are adopted well-known brands at home and abroad, to ensure excellent quality and good safety and reliability of equipment;
- 全自动控制温控器，操作简单、直观。设备具有“固定温度”和“室温同调”两种控制方式，用户可根据实际需要任意切换。  
Automatic control temperature controller, simple and intuitive operation. The device has two control modes of "fixed temperature" and "room temperature coherence", which can be switched freely according to actual needs
- 具有故障自动诊断功能，直接将故障点显示在屏幕上，提示用户快速处理。  
And can feed back the fault signal to the CNC numerical control system to protect the host equipment and avoid damage to the equipment and processed parts.
- 提供多重保护功能和无源报警端子、远程控制端子，易于实现 CNC 系统的集中控制和监控，并可选配 RS485 通讯功能，有效保证主机设备的安全和延长使用寿命。  
Provide multiple protection functions and passive alarm terminals, remote control terminals, easy to achieve CNC system centralized control and monitoring, and can be equipped with RS485 communication function, effectively ensure the safety of the host equipment to extend the service life.



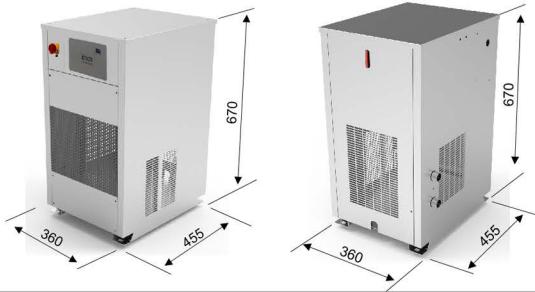
**Powerful refrigeration**  
**High quality assurance**

**ACW-Industrail Water Chiller 工业水冷机**

Items 项目	Model 型号	ACW-015	ACW-025	ACW-035	ACW-050	ACW-070	ACW-100	ACW-120	ACW-175	ACW-210	ACW-300	ACW-420
cooling capacity 制冷量 (KW)	1.5	2.5	3.5	5.0	7.0	10.0	12.0	17.5	21.0	30.0	42.0	
Power 最大电功率 (KW)	1.2	1.5	1.7	2.3	3.4	5.5	6.6	8.4	10	14	19	
Power source 电源												□1/220 □3/380 □3/220 50HZ
Precision 温控精度(°C)												±1.5 (±0.1 Option 可选PID)
Range of setting 液温设定范围 (°C)												Fixed 定温: 10-30; Variable 差温: ±9
P:Pump 水泵	Flow rate 流量 (L/min)	16	33	33	33	33	33	50	66	66	135	165
T:Tank 水箱	Lift/Pressure 扬程/压力	30/3					Standard 标准30M/3bar	Option 可选: □50M/5bar □60M/6bar				
Volum 容积 (L)	15	25	25	25	65	65	65	65	65	165	165	
F: Flow switch 流量报瞽	□	□	□	□	□	□	□	□	□	□	□	
L: Level switch 液位报瞽	□	□	□	□	□	□	□	□	□	□	□	
H: Heater 电加热	□	□	□	□	□	□	□	□	□	□	□	
W: Wheel 脚轮	□	□	□	□	□	□	□	□	□	□	□	
Inlet/Outlet Size 进出口尺寸	G1/2"	G3/4"	G3/4"	G3/4"	G 1"	G 1"	G 1"	G 1"	G 1"	G1-1/2"	G1-1/2"	
Weight 参考重量 (KG)	55	70	70	90	100	120	170	190	200	340	350	
Refrigerant 冷媒类型	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	
Shape 尺寸 (mm)	362*457*669	450*470*990	450*470*990	563*520*1080	665*665*1215	665*665*1215	665*665*1215	750*790*1300	750*790*1300	750*1410*1300	750*1410*1300	
设备外形 Drawing code 对应图号	AC-015	AC-025	AC-035	AC-050	AC-070	AC-100	AC-120	AC-175	AC-210	AC-300	AC-420	

\* The cooling capacity is tested under 35°C ambient temperature and 25°C Liquid temperature 制冷量是在环境温度35℃、供水25℃的工况下测定;

**AC-010/015**



**AC-025/035**



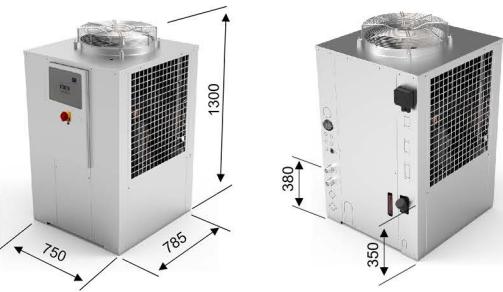
**AC-050**



**AC-070/100/120**



**AC-140/175/210**



**AC-300/420**

