



# INDUSTRIAL WATERCOOLED CHILLER

## 水冷式工业冷水机



### FEATURES

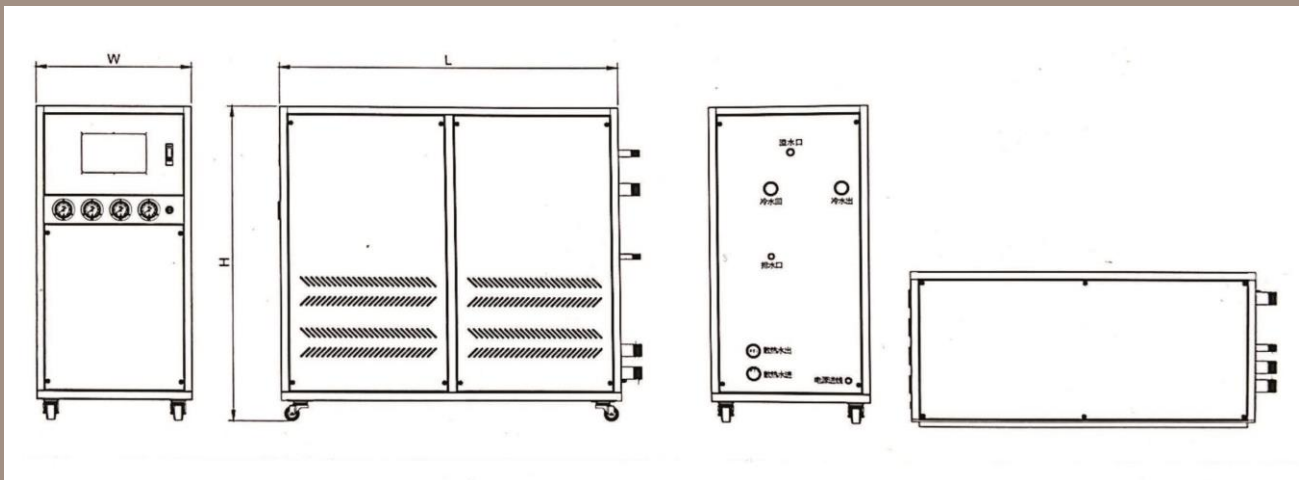
- The water chiller is to provide cooling process to plastic moulds to improve molded products quality and reduce down injection cycle time
- Installed with import compressors, highly efficient shell condenser and evaporator, excellent colling, quiet and low electricity consumption

Cooling temperature range : 5°C ~ 30°C To employ microcomputer with easy operation which can control

- temperature within  $\pm 3^{\circ}\text{C}$  to  $\pm 5^{\circ}\text{C}$  precisely
- Stainless steel heat preservation water tank and anti-icing protection device

- Industrially designed, elegant and ergonomic

### STRUCTURE DIAGRAM



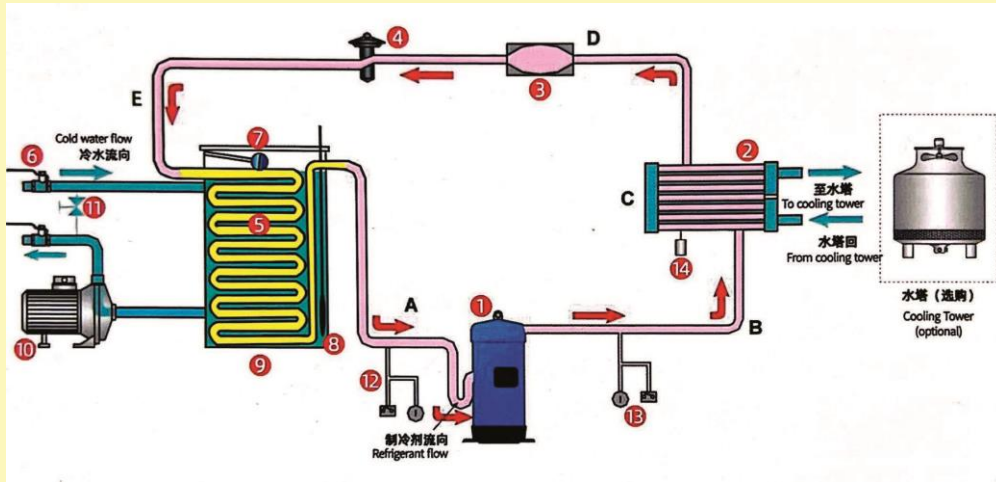


## SPECIFICATIONS & PARAMETERS

MODEL	YM-005-WC	YM-010-WC	YM-015-WC	YM-020-WC	YM-030-WC	YM-040-WC	YM-050-WC
COOLING CAPACITY (W)	14600	29900	43800	59800	89700	119600	149500
NUMBER OF COMPRESSOR	1	2	3	2	3	4	5
COMPRESSOR TOTAL POWER (HP)	5	10	15	20	30	40	50
REFRIGERANT	R-22	R-22	R-22	R-22	R-22	R-22	R-22
CONDENSER TYPE	Tube-in-Shell Style	Tube-in-Shell Style	Tube-in-Shell Style	Tube-in-Shell Style	Tube-in-Shell Style	Tube-in-Shell Style	Tube-in-Shell Style
NUMBER OF COOLING WATER INLET/OUTLET (GROUP)	4	1	1	1	1	1	1
WATER TANK CAPACITY (L)	60	160	200	350	450	450	450
PUMP POWER (HP)	1	2	2	3	5	5	5
PUMP FLOW (L/MIN)	100	200	200	300	350	350	350
POWER SUPPLY	AC 415v, 3p, 50Hz	AC 415v, 3p, 50Hz	AC 415v, 3p, 50Hz	AC 415v, 3p, 50Hz	AC 415v, 3p, 50Hz	AC 415v, 3p, 50Hz	AC 415v, 3p, 50Hz
WIRE LENGTH (M)	5	5	5	Option	Option	Option	Option
DIMENSION (L x W x H)	900mm x 540mm x 910mm	1300mm x 600mm x 1230mm	1700mm x 600mm x 1400mm	2100mm x 800mm x 1450mm	2100mm x 850mm x 1550mm	2500mm x 1200mm x 1800mm	2500mm x 1500mm x 1800mm
WEIGHT (KG)	150	195	490	570	800	1100	1500

We reserve right to change specifications without prior notice 产品规格若有更变, 恕不另行通知

# WORKING PRINCIPLE OF WATER-COOLED MODELS



Symbol 符号	Name 名称
1	Compressor 压缩机
2	Condenser 冷凝器
3	Dry Filter 干燥过滤器
4	Expansion Valve 膨胀阀
5	Evaporator 蒸发器
6	Ball Valve 球阀
7	Float Switch 浮球开关
8	Temperature Sensor Switch 温度感应开关
9	Water Tank 水箱
10	Water Pump 水泵
11	Bypass Valve 旁通阀
12	Low Voltage controller 低压控制器
13	High Voltage controller 高压控制器
14	Pressure Relief Valve 泄压阀

## OTHER PARTS & ACCESSORIES



IMPORTED COPPER PIPE



TITANIUM TWISTED PIPE



MICRO COMPUTER CONTROL SYSTEM



STAINLESS STEEL SUS-304 HOUSING WATER PURIFIER



VERTICAL CENTRIFUGAL PUMP



HIGH PRESSURE MULTISTAGE PUMP