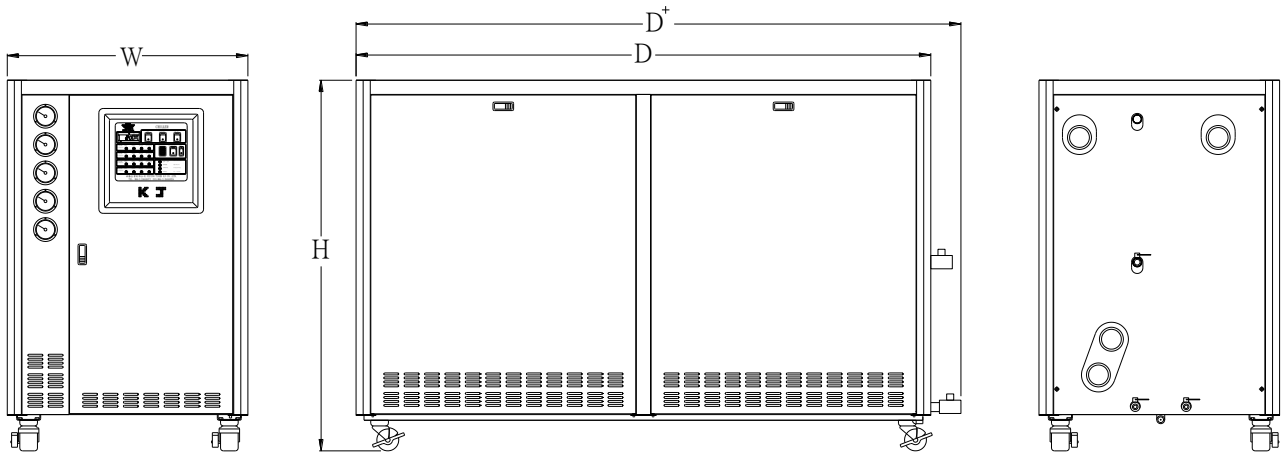


## WATER COOLING DUAL TEMPERATURE CONTROLLER

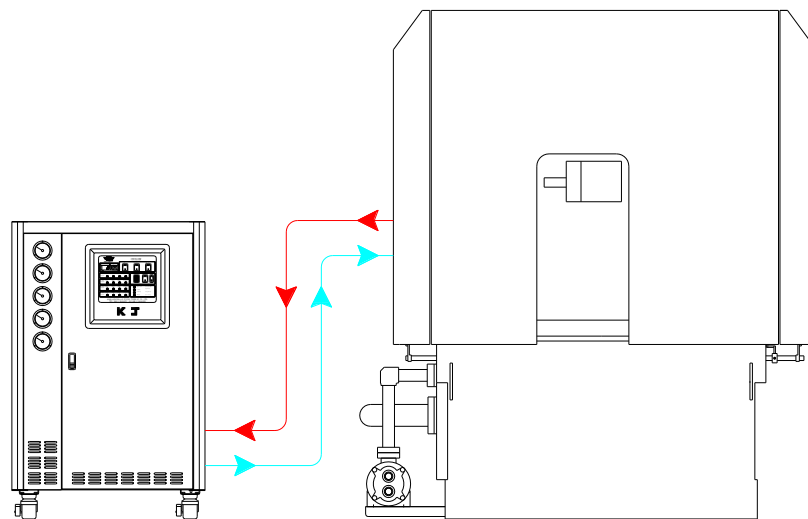
### FEATURES:

1. Compact chiller and mold temperature controller designed together.
2. Temperature range from 5°C to 95°C, and will ensure the precision temperature within  $\pm 0.5^\circ\text{C}$  tolerance.
3. Compressors are imported from MANEUROP , DANFOSS or COPELAND.
4. Comprehensive safety protection system:
 

⊙ Non-fuse breaker	⊙ Compressor overload protector
⊙ Pump overload protector	⊙ Over temperature and overload protector
⊙ Phase lack & reverse protector	⊙ Overheat protector
⊙ Freon shortage protector	⊙ Freon high-pressure protector
⊙ Anti-freezing protector	⊙ Return water overheat protector



### FLOWCHART:



**SPECIFICATIONS**

Model		KYC-100209W			KYC-200312W			KYC-200515W			
Temperature		°C	5-95°C								
Capacity	60 HZ	BTU/HR	24,000			36,000			60,000		
		KCAL/HR	6,048			9,072			15,120		
	50 HZ	BTU/HR	20,000			30,000			50,000		
		KCAL/HR	5,040			7,560			12,600		
Compressor		HP	2			3			5		
		KW	1.5			2.2			3.7		
heater		KW	4.5 × 2			6.0 × 2			5.0 × 3		
Freon		R-407									
Control method		RKC temperature controller									
Evaporator		Tube-in-shell type									
Condenser		Tube-in-shell type									
Water Tank		LITER	90			90			90		
Circulation pump(50/60HZ)		KW	(0.96/0.83)			(1.29/1.11)			(1.29/1.11)		
Flow ↑ ↓ Pressure	60 HZ	LPM	33	86	150	100	150	200	100	150	200
		KG/CM <sup>2</sup>	2.1	1.8	1.0	2.2	1.9	1.4	2.2	1.9	1.4
	50 HZ	LPM	33	83	133	66	116	166	66	116	166
		KG/CM <sup>2</sup>	2.5	1.9	1.0	2.9	2.5	1.7	2.9	2.5	1.7
Piping	Fluid	INCH	1			1-1/2			1-1/2		
	Cooling	INCH	1			1			1		
		LPM	60			60			60		
		KG/CM <sup>2</sup>	Over 1.5 KG/CM <sup>2</sup>								
	Drain	INCH	1/2								
Total load		KW	11.5			15.5			20.0		
Dimension (W*D*H)		CM	52*70*112			58*115*145			58*115*145		
D <sup>+</sup> (With Pipeline)			85			122			122		
Approx. weight		KG	290			310			330		
Remarks		1. We reserve the right to change specifications without prior notice.									