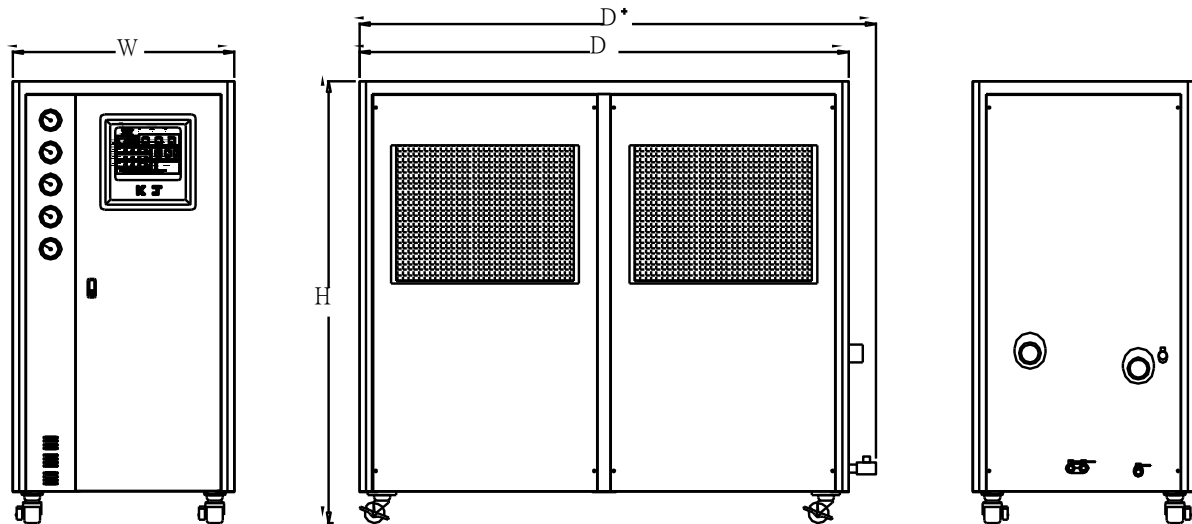


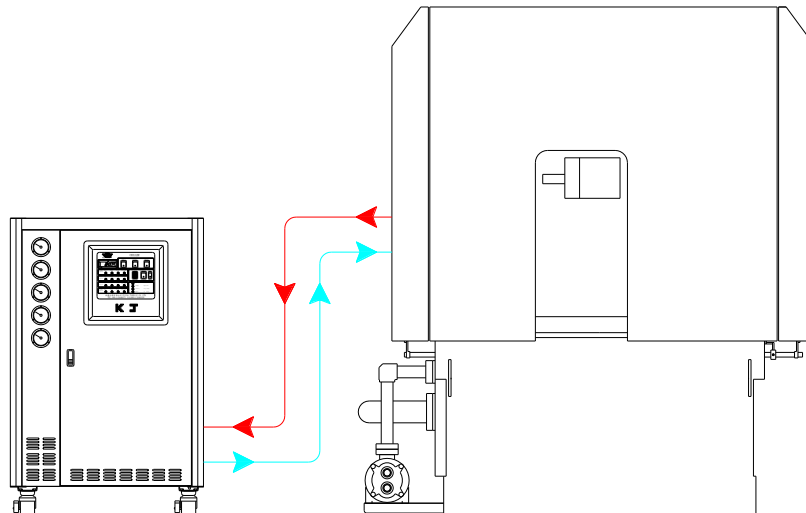
## AIR COOLING DUAL TEMPERATURE CONTROLLER

### FEATURES:

1. Compact designed for chiller and mold temperature controller 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
  - Over temperature and overload protector
  - Freon shortage protector
  - Return water overheat protector
  - Phase lack & reverse protector
  - Compressor overload protector
  - Overheat protector
  - Freon high-pressure protector
  - Pump overload protector
  - Anti-freezing protector



### FLOWCHART:





**SPECIFICATIONS**

Model		KYC-100209A			KYC-200312A			KYC-200515A			
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		High efficiency fin type									
Water Tank		LITER	40			40			40		
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		
	Drain	INCH	1/2								
			1/2								
Supply	INCH	1/2									
Total load		KW	11.5			15.5			20.0		
Dimension (W*D*H)		CM	78*86*120			73*145*153			73*145*153		
D <sup>+</sup> (With Pipeline)			101			152			152		
Approx. weight		KG	430			450			470		
Remarks		1. We reserve the right to change specifications without prior notice.									