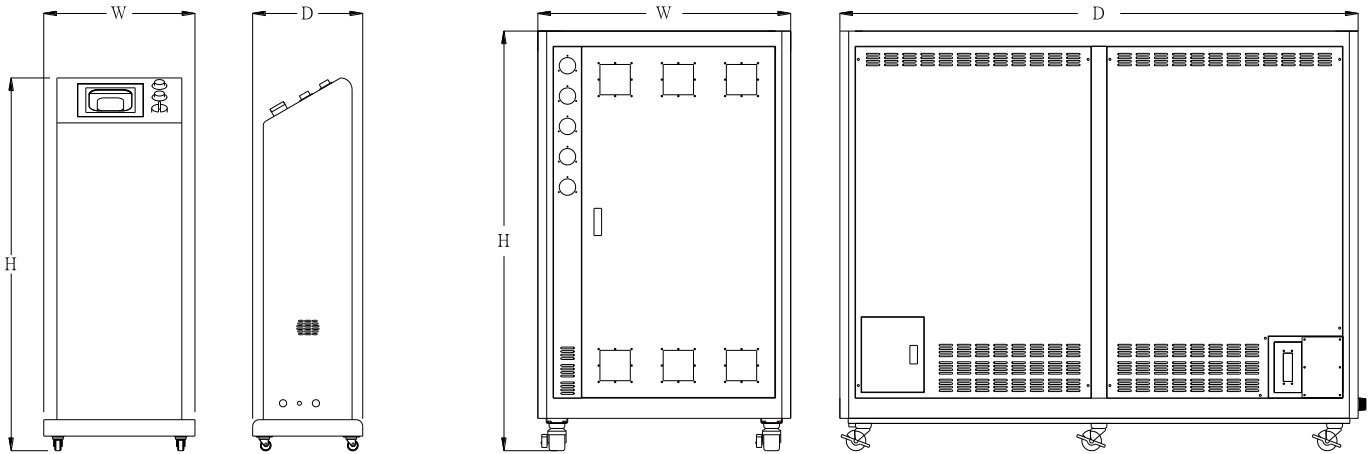


HOT-COLD TEMP. CONTROLLER

FEATURES:

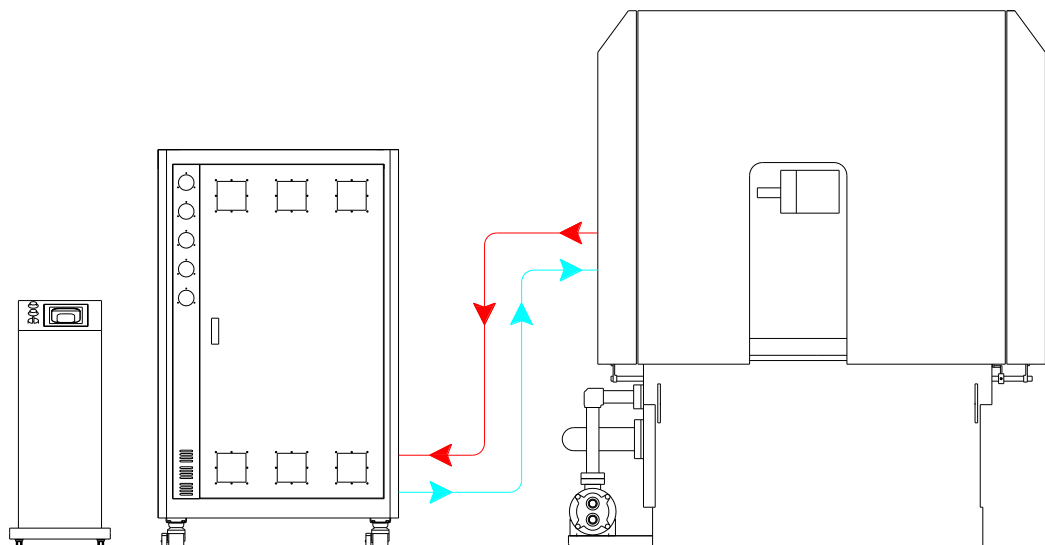
1. Mold will be controlled alternately by hot and cold water circulation to improve on surface and without weld line (mark) on the product.
2. Painting is unnecessary after molding and cost will be lower.
3. Simplify production process, insure quality and decrease defective to improve on competition and efficient production.
4. Booster pump design, without high pressure cooling water system.
5. PLC and colorful human-machine screen for operating & monitoring easily.
6. The central controller and electric box is designed separately , it is easy to operate.



Controller

Machine

FLOWCHART:





SPECIFICATIONS

Model			KYC-07120HC			KYC-15240HC			
Heat transfer medium			Water						
Control method			Touch panel with 10.4" colorful interface & PLC controller						
Max. temperature	Hot circulation	°C	170						
	Cold circulation	°C	120						
Heater capacity	Hot circulation	KW	120			240			
	Cold circulation	KW	10			10			
Pump	Hot circulation	KW	5.5			11.0			
	Cold circulation	KW	4.0			7.5			
	Booster pump	KW	2.2			2.2			
Flow ↑ Pressure	Hot	60 HZ	LPM	250	210	115	430	365	200
			KG/CM ²	7.0	9.5	11.6	7.9	9.5	11.5
		50 HZ	LPM	365	210	165	430	365	200
			KG/CM ²	6.0	9.0	9.3	7.5	9.0	11.1
	Cold	60 HZ	LPM	250	210	115	430	365	200
			KG/CM ²	5.4	7.0	8.8	6.5	7.8	9.6
		50 HZ	LPM	365	210	165	430	365	200
			KG/CM ²	4.2	6.2	6.5	5.5	7.0	8.5
Cooling type	Hot circulation		Indirect cooling						
	Cold circulation		Direct cooling						
Fluid piping	INCH		1-1/2			2			
Cooling water	INCH		1-1/2			2			
	KG/CM ²		Over 1.0 ~ 1.5 KG/CM ²						
Total load	KW		141.7			270.7			
Dimension (W*D*H)	Central controller	CM	62*40*115			62*40*115			
	Machine	CM	100*205*166			100*260*178			
Approx. weight	Central controller	KG	45			45			
	Machine	KG	1,050			1,150			
Options			1.Teflon hose			2.Multiple inlet & outlet joints			
Remarks			1.We reserve the right to change specifications without prior notice.						