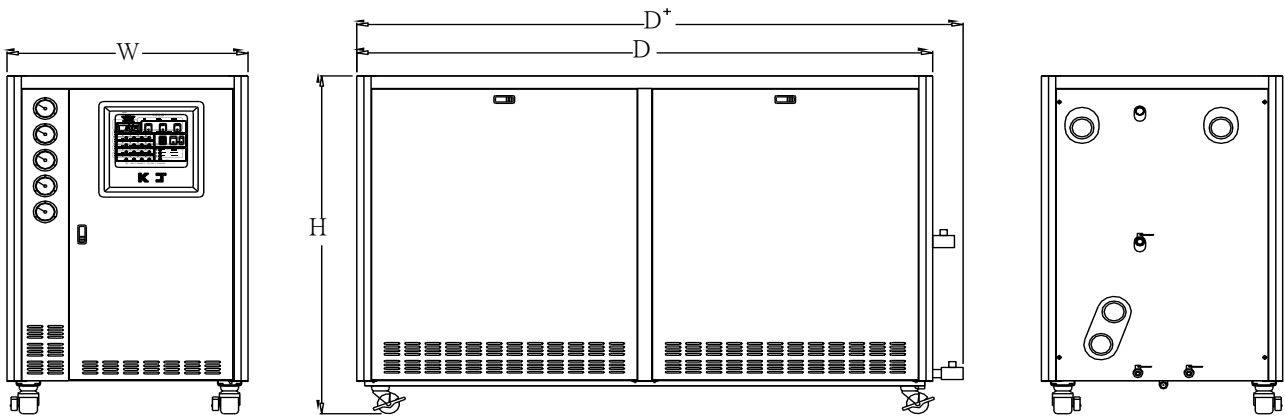


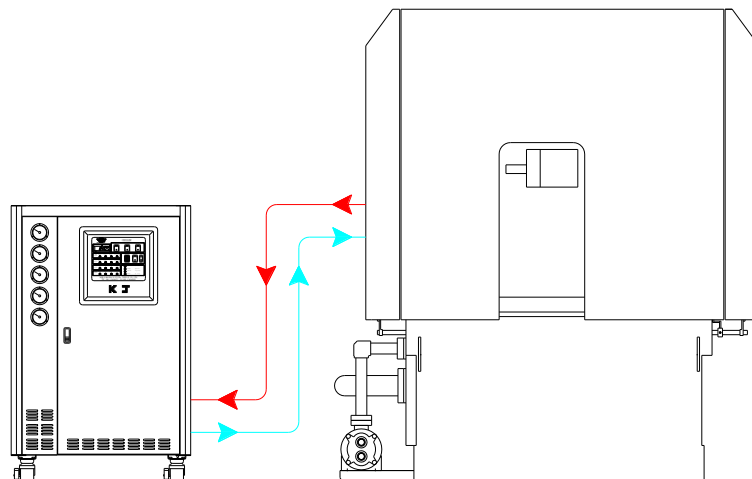
INVERTER WATER COOLING CHILLER

FEATURES:

- Chillers are equipped with inverters design ,compressors ON/OFF smoothly within $\pm 1^{\circ}\text{C}$, it can save 15~30% energy in 60 HZ country or 35~50% energy in 50 HZ country than without inverter design.
- Compressors are imported from MANEUROP, DANFOSS or COPELAND.
- Equip with high efficient evaporator and condenser.
- LED display controllers are imported from Europe, the temperature can controlled precisely within $\pm 1^{\circ}\text{C}$.
- Control method can be upgraded to PLC program with 4.3 "color touch panel.
- The chillers are equipped with circulation pumps and stainless steel water tanks, they are designed for auto water supply and exhaust system.
- Comprehensive safety protection system:
 1. Non-fuse breaker
 2. Pump overload protector
 3. Phase lack & reverse protector
 4. Freon shortage protector
 5. Anti-freezing protector
 6. Adjustable by-pass circulation
 7. Compressor overload protector
 8. Fan overload protector
 9. Overheat protector
 10. Freon high-pressure protector
 11. Return water overheat protector



FLOWCHART:





SPECIFICATIONS

Model		KC-1008WI	KC-2010WI			KC-2015WI			KC-3020WI			KC-3025WI					
Temperature	°C	5-35°C															
Capacity	BTU/HR	96,000			120,000			180,000			240,000			300,000			
	KCAL/HR	24,192			30,240			45,360			60,480			75,600			
Compressor	HP	8(4*2)			10(5*2)			15(7.5*2)			20(10*2)			25(12.5*2)			
	KW	6			7.5			11.3			15.0			18.8			
Freon		R-407															
Control method		INVERTER + LED temperature controller or can be upgraded to PLC program with 4.3 "color touch panel.															
Evaporator		Tube-in-shell type															
Condenser		Tube-in-shell type															
Water tank	LITER	95			95			144			144			144			
Pump	KW	0.75			1.50			1.50			2.25			2.25			
Flow ↑ ↓ Pressure	60HZ	LPM	192	180	146	424	335	267	424	335	267	655	502	321	655	502	321
		KG/CM ²	0.5	1.0	1.5	0.5	1.0	1.5	0.5	1.0	1.5	1.0	1.5	2.0	1.0	1.5	2.0
	50HZ	LPM	240	145	85	290	255	230	290	255	230	635	485	265	635	485	265
		KG/CM ²	0.5	1.2	1.5	0.7	1.4	2.1	0.7	1.4	2.1	1.0	1.5	2.0	1.0	1.5	2.0
Piping	Chilled	INCH	1-1/2			2						2-1/2					
		INCH	1-1/2			2						2-1/2					
	Cooling	LPM	140			170			260			340			430		
		KG/CM ²	Over 1.0 - 1.5 KG/CM ²														
	Drain	INCH	1/2														
Total load	KW	6.3			9.0			12.8			17.3			21.1			
Dimension (W*D*H)	CM	65*190*113						85*230*131									
D ⁺ (With Pipeline)	CM	197						237									
Approx. weight	KG	443			498			723			777			801			
Options		1.Vertical high-pressure pump 2.Cooling tower & cooling water pump 3. PLC Control															
Remarks		1.We reserve the right to change specifications without prior notice.															



SPECIFICATIONS

Model		KC-3030WI	KC-5040WI		KC-5050WI		KC-7560WI		KC-7580WI													
Temperature	°C	5-35°C																				
Capacity	BTU/HR	360,000				480,000				600,000				720,000				960,000				
	KCAL/HR	90,720				120,960				151,200				181,440				241,920				
Compressor	HP	30(15*2)				40(10*4)				50(12.5*4)				60(15*4)				80(20*4)				
	KW	22.5				30.0				37.5				45.0				60.0				
Freon		R-407																				
Control method		INVERTER + LED temperature controller or can be upgraded to PLC program with 4.3 "color touch panel.																				
Evaporator		Tube-in-shell type																				
Condenser		Tube-in-shell type																				
Water tank	LITER	144				300				300				300				140				
Pump	KW	2.25				3.75				3.75				5.63				5.63				
Flow ↑ ↓ Pressure	60HZ	LPM	655	502	321	851	724	610	851	724	610	1,396	1,142	864	1,396	1,142	864					
		KG/CM ²	1.0	1.5	2.0	1.0	1.5	2.0	1.0	1.5	2.0	1.0	1.5	2.0	1.0	1.5	2.0					
	50HZ	LPM	635	485	265	875	705	485	875	705	485	1,380	1,250	1,035	1,380	1,250	1,035					
		KG/CM ²	1.0	1.5	2.0	1.0	1.5	2.0	1.0	1.5	2.0	1.0	1.5	2.0	1.0	1.5	2.0					
Piping	Chilled	INCH	2-1/2				3				3				4				4			
	Cooling	INCH	2-1/2				2-1/2*2				2-1/2*2				2-1/2*2				2-1/2*2			
		LPM	510				680				680				1,050				1,350			
		KG/CM ²	1.0 ~ 1.5 KG/CM ² 以上																			
	Drain	INCH	1/2																			
Total load	KW	24.8				33.8				41.0				50.6				65.6				
Dimension (W*D*H)	CM	85*230*131				95*270*178								120*350*213								
D ⁺ (With Pipeline)	CM	237				277								357								
Approx. weight	KG	867				1,524				1,700				1,823				2,550				
Options		1.Vertical high-pressure pump 2.Cooling tower & cooling water pump 3. PLC Control																				
Remarks		1.We reserve the right to change specifications without prior notice.																				