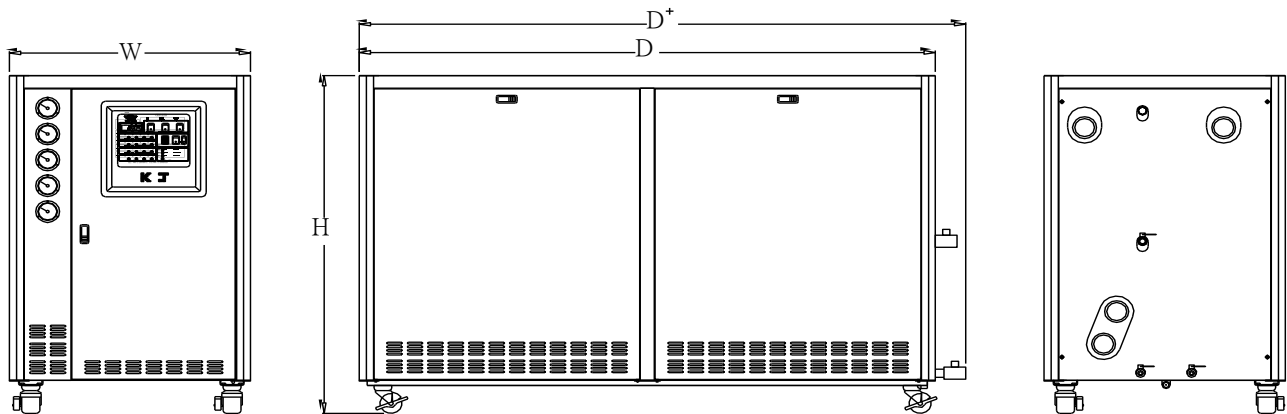


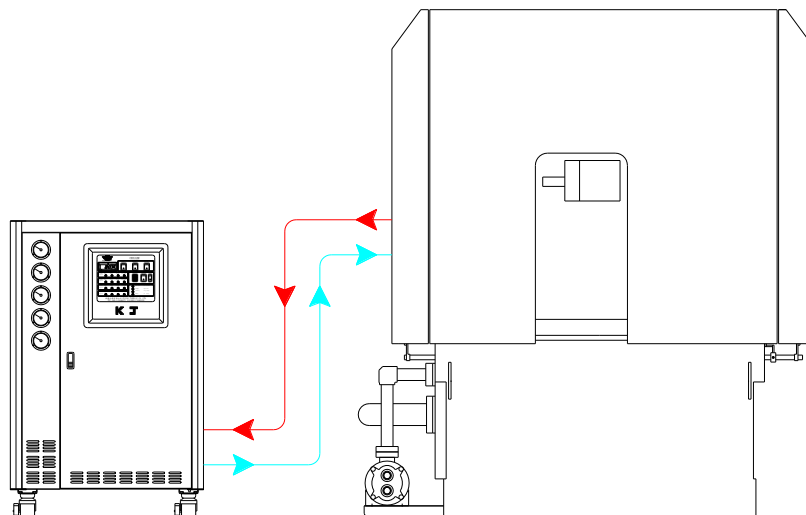
WATER COOLING CHILLER

FEATURES:

- 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 be controlled precisely and stably.
- 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-0502W	KC-0503W	KC-1005W	KC-1008W	KC-2010W	KC-2015W													
Temperature	°C	5-35°C																		
Capacity	60 HZ	BTU/HR	24,000	36,000	60,000	96,000	120,000	180,000												
		KCAL/HR	6,048	9,072	15,120	24,192	30,240	45,360												
	50 HZ	BTU/HR	20,000	30,000	50,000	80,000	100,000	150,000												
		KCAL/HR	5,040	7,560	12,600	20,160	25,200	37,800												
Compressor	HP	2	3	5	8(4*2)	10(5*2)	15(7.5*2)													
	KW	1.5	2.3	3.8	6.0	7.5	11.3													
Freon		R-407																		
Control method		Italian LED temperature controller or can be upgraded to PLC program with 4.3 "color touch panel.																		
Evaporator		Plate type	Tube-in-shell type																	
Condenser		Barrel type	Tube-in-shell type																	
Water tank	LITER	27	35	35	95	95	144													
Pump	KW	0.53/0.75	0.38	0.75	0.75	1.50	1.50													
Flow ↑ ↓ Pressure	60 HZ	LPM	58	42	0	105	91	54	192	180	146	192	180	146	424	335	267	424	335	267
		KG/CM ²	2.1	2.8	3.9	0	0.5	1.0	0.5	1.0	1.5	0.5	1.0	1.5	0.5	1.0	1.5	0.5	1.0	1.5
	50 HZ	LPM	58	42	0	115	130	65	241	162	85	241	162	85	290	255	230	290	255	230
		KG/CM ²	1.5	1.7	3.7	0.3	0.5	1.0	0.5	1.1	1.5	0.5	1.1	1.5	0.7	1.4	2.1	0.7	1.4	2.1
Piping	Chilled	INCH	1	1-1/4	1-1/4	1-1/2	2	2												
	Cooling	INCH	1/2	1	1	1-1/2	2	2												
		LPM	40	60	90	140	170	260												
		KG/CM ²	Over 1.5 KG/CM ²																	
	Drain	INCH	1/2																	
Total load	KW	2.2	2.7	4.6	6.8	9.0	12.8													
Dimension (W*D*H)	CM	52*70*112	58*115*103			65*190*113			85*230*131											
D ⁺ (With pipeline)	CM	77	122			197			237											
Approx. weight	KG	150	245	260	435	490	715													
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-3020W	KC-3025W			KC-3030W			KC-5040W			KC-5050W			KC-7560W			KC-7580W						
Temperature	°C	5-35°C																						
Capacity	60 HZ	BTU/HR	240,000			300,000			360,000			480,000			600,000			720,000			960,000			
		KCAL/HR	60,480			75,600			90,720			120,960			151,200			181,440			241,920			
	50 HZ	BTU/HR	200,000			250,000			300,000			400,000			500,000			600,000			800,000			
		KCAL/HR	50,400			63,000			75,600			100,800			126,000			151,200			201,600			
Compressor	HP	20(10*2)			25(12.5*2)			30(15*2)			40(10*4)			50(12.5*4)			60(15*4)			80(20*4)				
	KW	15.0			18.8			22.5			30.0			37.5			45.0			60.0				
Freon		R-407																						
Control method		Italian 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			144			144			300			300			300			300				
Pump	KW	2.25			2.25			2.25			3.75			3.75			5.63			5.63				
Flow ↑ Pressure	60 HZ	LPM	655	502	321	655	502	321	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	1.0	1.5	2.0	1.0	1.5	2.0	
	50 HZ	LPM	637	486	267	637	486	267	637	486	267	877	708	486	875	705	485	1,257	1,034	786	1,257	1,034	786	
		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	1.0	1.5	2.0	1.0	1.5	2.0	
Piping	Chilled	INCH	2-1/2			2-1/2			2-1/2			3			3			4			4			
		INCH	2-1/2			2-1/2			2-1/2			2-1/2*2			2-1/2*2			2-1/2*2			2-1/2*2			
	Cooling	LPM	340			430			510			680			680			1,050			1,350			
		KG/CM ²	Over 1.5 KG/CM ²																					
	Drain	INCH	1/2																					
Total load	KW	17.3			21.1			24.8			33.8			41.3			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	760			785			850			1,490			1,690			1,790			2,500				
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																							