



FLYING TIGER KJ CO., LTD.

PLASTIC AUXILIARY EQUIPMENTS & TURNKEY SOLUTION EXPERTS

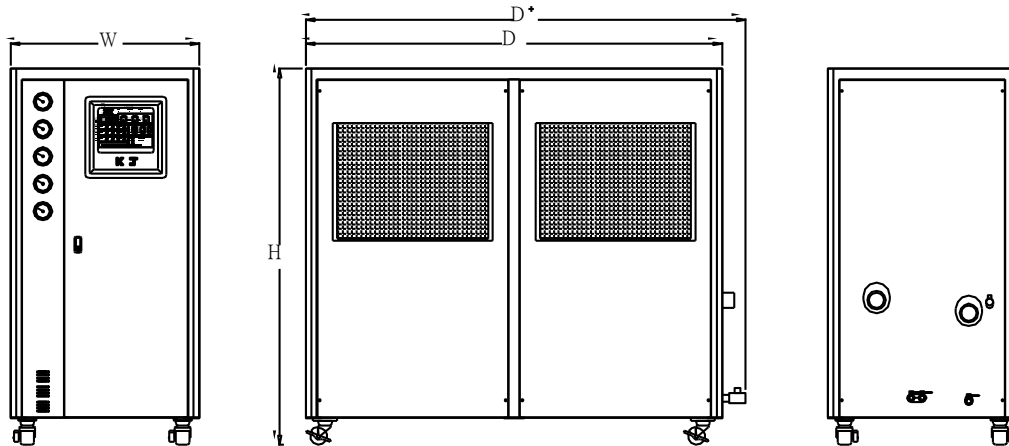
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AIR COOLING CHILLER

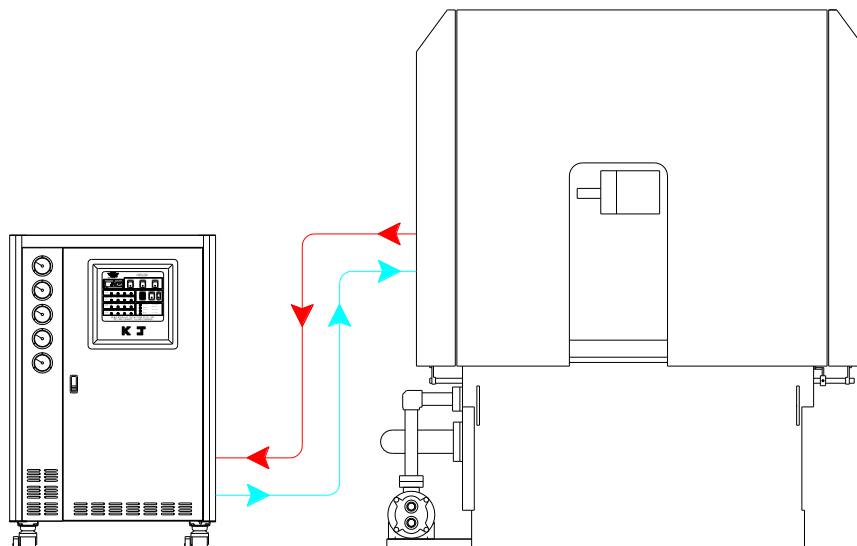
FEATURES:

- 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



KC-0502~5050A

FLOWCHART:



SPECIFICATIONS

1 of 2

Model		KC-0502A			KC-0503A			KC-1005A			KC-1008A			KC-2010A			
Temperature		°C		5-35°C													
Capacity	60 HZ	BTU/HR	24,000			36,000			60,000			96,000			120,000		
		KCAL/HR	6,048			9,072			15,120			24,192			30,240		
	50 HZ	BTU/HR	20,000			30,000			50,000			80,000			100,000		
		KCAL/HR	5,040			7,560			12,600			20,160			25,200		
Compressor		HP	2.0			3.0			5.0			8.0(4*2)			10.0(5*2)		
		KW	1.5			2.3			3.8			6.0			7.5		
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		High efficiency fin type															
Fan	W	238x1			150x1			238x2			600x2			900x2			
Water tank	LITER	37			35			35			88			88			
Pump	KW	0.64			0.38			0.75			0.75			1.50			
Flow ↓ Pressure	60 HZ	LPM	58	42	0	105	91	54	192	180	146	192	180	146	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
	50 HZ	LPM	58	42	0	155	130	65	241	162	85	241	162	85	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
Piping	Chilled	INCH	1			1-1/4			1-1/4			1-1/2			2		
	Drain	INCH	1/2														
	Supply	INCH	1/2														
Total load	KW	2.38			2.83			5.03			7.95			10.80			
Dimension (W*D*H)	CM	78*86*120			73*145*153						86*190*172						
D ⁺ (With pipeline)	CM	93			152						197						
Approx. weight	KG	155			350			400			665			690			
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-2015A	KC-3020A			KC-3025A			KC-3030A			KC-5040A			KC-5050A										
Temperature		°C	5-35°C																						
Capacity	60HZ	BTU/HR	180,000			240,000			300,000			360,000			480,000			600,000							
		KCAL/HR	45,360			60,480			75,600			90,720			120,960			151,200							
	50HZ	BTU/HR	150,000			200,000			250,000			300,000			400,000			500,000							
		KCAL/HR	37,800			50,400			63,000			75,600			100,800			126,000							
Compressor		HP	15(7.5*2)			20(10*2)			25(12.5*2)			30(15*2)			40(10*4)			50(12.5*4)							
		KW	11.3			15.0			18.8			22.5			30.0			37.5							
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		High efficiency fin type																							
Fan	W	900x3			900x3			900x3			900x3			467x3			580x3								
Water tank	LITER	155			155			200			200			0			0								
Pump	KW	1.50			2.25			2.25			2.25			3.75			3.75								
Flow ↓ Pressure	60 HZ	LPM	424	335	267	655	502	321	655	502	321	655	502	321	851	724	610	851	724	610					
		KG/CM ²	0.5	1.0	1.5	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	290	255	230	637	486	267	637	486	267	637	486	267	877	708	486	877	708	486					
		KG/CM ²	0.7	1.4	2.1	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			2-1/2			2-1/2			2-1/2			3			3							
	Drain	INCH	1/2																						
	Supply	INCH	1/2																						
Total load	KW	15.50			19.95			23.75			27.45			35.15			42.99								
Dimension (W*D*H)	CM	90*236*193						100*246*198						107*309*217						127*318*217					
D ⁺ (With pipeline)	CM	243						253						316						325					
Approx. weight	KG	870			980			1,080			1,165			1,620			1,763								
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.																								