



FLYING TIGER KJ CO., LTD.

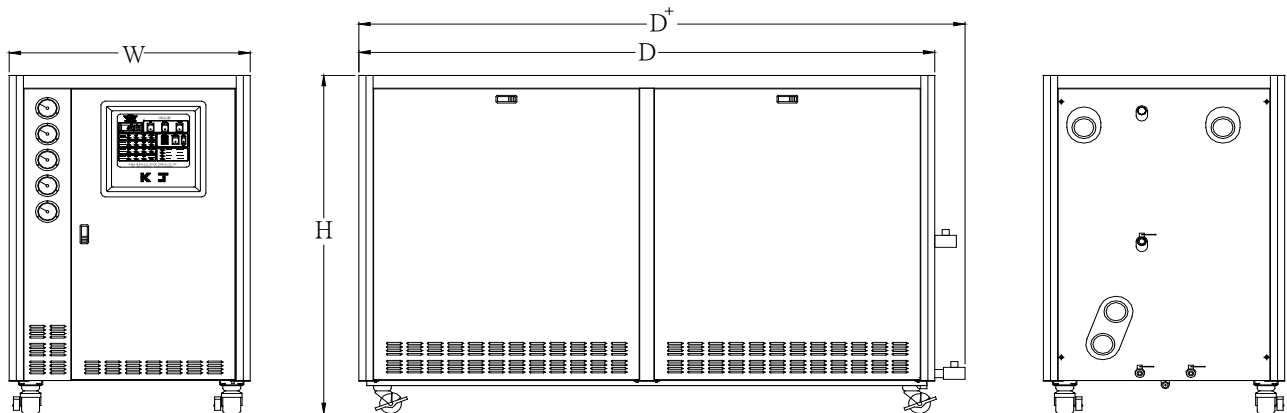
Plastic Auxiliary Equipment & Turnkey Solution Experts
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WATER COOLING CHILLER

FEATURES:

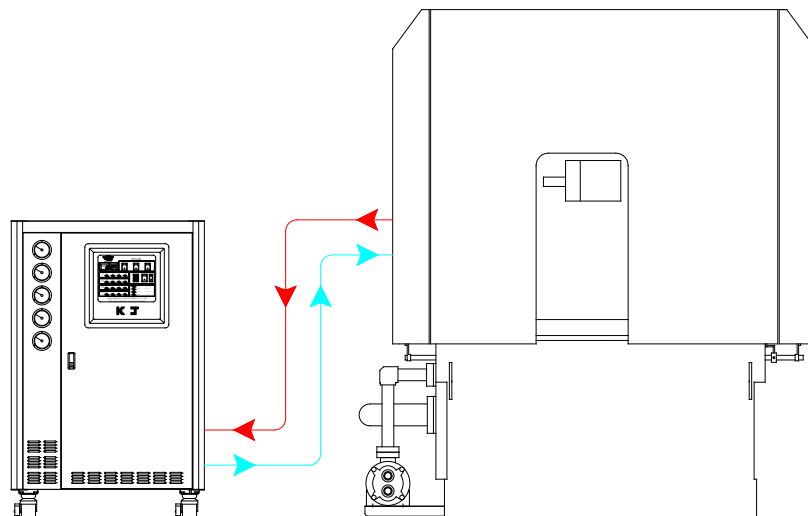
1. Compressors are imported from MANEUROP, DANFOSS or COPELAND.
2. With high efficient evaporator and condenser.
3. LED display controllers are imported from Europe, the temperature can be controlled precisely and stably.
4. The chillers are equipped with circulation pumps and stainless steel water tanks, they are designed for auto water supply and exhaust system.
5. Comprehensive safety protection system:

- ⊙ Non-fuse breaker
- ⊙ Pump overload protector
- ⊙ Phase lack & reverse protector
- ⊙ Freon shortage protector
- ⊙ Anti-freezing protector
- ⊙ Adjustable by-pass circulation
- ⊙ Compressor overload protector
- ⊙ Fan overload protector
- ⊙ Overheat protector
- ⊙ Freon high-pressure protector
- ⊙ Return water overheat protector



KC-0502~7560W

FLOWCHART:





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WATER COOLING CHILLER SPECIFICATIONS

1 of 2

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-22 OR R-404																		
Control method		Italian LED temperature controller																		
Evaporator		Plate type						Tube-in-shell type												
Condenser		Barrel type						Tube-in-shell type												
Water tank	LITER	35			35			35			95			95			144			
Pump	KW	0.64			0.38			0.75			0.75			1.50			1.50			
Flow ↓ Pressure	60 HZ	LPM	90	50	0	90	50	0	205	135	0	200	135	0	335	265	95	335	265	95
		KG/CM ²	0.5	1.0	1.4	0.5	1.0	1.4	1.0	1.5	1.8	1.0	1.5	1.8	1.0	1.5	2.0	1.0	1.5	2.0
	50 HZ	LPM	115	60	40	115	60	40	240	145	85	240	145	85	290	255	230	290	255	230
		KG/CM ²	0.5	0.9	1.1	0.5	0.9	1.1	0.5	1.2	1.5	0.5	1.2	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	78*86*120			58*123*103						65*173*113						85*211*131			
D ⁺ (With pipeline)	CM	93			130						180						218			
Approx. weight	KG	150			245			260			435			490			715			
Options		1.Vertical high-pressure pump									2.Cooling tower & cooling water pump									
Remarks		1.We reserve the right to change specifications without prior notice.																		

