

ISOMAG



H E A V Y D U T Y

WATER CHILLER

YOU MAKE YOUR PROFIT, WE SERVE YOUR SUCCESS

Water Chillers combine stable function, energy efficiency and easy maintenance to meet the needs of our customers in all types of industries: from plastics, electronics, mechanical and chemical to the food industry and more. We provide customized water cooling solutions with Four Stages of Cooling. Each stage involves a specific cooling process for different water temperatures to allow for an efficient process.

www.indotara.co.id

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HEAVY DUTY WATER CHILLER

Air Cooled Air Chiller



FEATURES

- With sufficient safety devices including current overload protection, high and low pressure protector system, electronic time delay, and also visual system on failure display
- First hand well-known brand compressor, high-efficiency finned condenser and evaporator combination, strong cooling capacity, quiet and power saving
- Microcomputer full-function control, LCD display, easy to operate, intuitive, accurately controlling the outlet air temperature within 5-30°C
- Equipped with automatic defrost function, effectively reducing energy consumption
- LCD screen displays the outlet temperature of the cold air and the set temperature
- Air inlet designed with filter device, convenient for maintenance and cleaning
- Industrial design, compact structure, tidy appearance



Energy Saving



Excellent Performance



High Profit



High Technology

INDUSTRIAL AIR COOLING SYSTEM

Industrial air cooling chamber is used for supplying cooled air to air ring of the blown film extrusion line. Compared with the traditional chiller plus heat exchanger system way, cooling the air by direct expansion of refrigerant would save more energy. Regardless of environmental conditions, air chiller could keep the air temperature consistent with ambient temperature, which is very important for the processing of plastic on a film blowing production line.

SPECIFICATION

MODEL		XC-LF5AF	XC-LF10AF	XC-LF15AF	XC-LF20AF	XC-LF25AF	XC-LF30AF
Motor	HP	5	10	15	20	25	30
Refrigerating Capacity	Kcal/h	12900	26660	38700	52460	58480	79120
	KW	15	31	45	61	68	12"
Temperature Of Air Outlet Control		8-15°C					
Input Power		380V 50Hz 3Ph					
Compressor Power	KW	3.7	3.7x2	3.7x3	7.5x2	9x2	7.5x3
Cooling Refrigerant		R22 Optional For R407C, R410A					
Condenser	Type	Air Cooled Type					
Air Flow	m ³ /h	2100	3000	4800	4800	6000	6000
Fan Power	KW	2.2	3.75	11	11	15	15
Air Connection Pipe Diameter	Inch	10"	10"	12"	12"	12"	12"
Evaporator	Type	Copper tube jacket corrugated open window aluminium foil fin radiator, outlet temperature will be lower					
Dimension	D mm	1340	1550	1850	2150	2400	2600
	W mm	630	830	1000	1000	1150	1150
	H mm	1046	1508	1600	1780	1800	1900

FEATURES

With sufficient safety devices including current overload protection, high and low pressure protector system, electronic time delay, and also visual system on failure display

First hand well-known brand compressor, high-efficiency finned condenser and evaporator combination, strong cooling capacity, quiet and power saving

Microcomputer full-function control, LCD display, easy to operate, intuitive, accurately controlling the outlet air temperature within 5-30°C

HEAVY DUTY WATER CHILLER

Air Cooled Screw Chiller



Energy Saving



Excellent Performance



High Profit



High Technology

BEST INDUSTRIAL WATER CHILLER

Industrial air cooling chamber is used for supplying cooled air to air ring of the blown film extrusion line. Compared with the traditional chiller plus heat exchanger system way, cooling the air by direct expansion of refrigerant would save more energy. Regardless of environmental conditions, air chiller could keep the air temperature consistent with ambient temperature, which is very important for the processing of plastic on a film blowing production line.

SPECIFICATION

MODEL	UNIT	XC-LF40AS	XC-LF50AS	XC-LF60AS	XC-LF80AS	XC-LF100AS	XC-LF120AS	XC-LF160AS	XC-LF180AS	XC-LF200AS	XC-LF240AS
Refrigerating Capacity	KW	103	129	149	210	259	298	420	496	564	676
	Kcal/h	88924	111714	128226	180600	223428	256452	361200	426560	485040	581360
Input Power	KW	30	37	45	30x2	37x2	45x2	60x2	67x2	75x2	90x2
Control Type	Expansion Valve										
Refrigerant	R22 (R407C)										
Compressor	Type	Semi-Hermetic Screw									
	Quantity	1/2/3/4									
	Startup Mode	y-Δ									
	Capacity Control	0-25-50-75-100									
Power	3PH-380V/50Hz (200V/220V/415V 50Hz/60Hz)										
Evaporator	Type	Shell And Tube Type									
	Cooling Water Flow (m³/h)	18	23	26	26	46	52	71	86	100	117
	Water Pipe Diameter	3"	3"	3"	4"	4"	4"	4"	6"	6"	6"
Condenser	Type	Air cooled high-efficient inner threaded copper-tubing aluminium fin type									
Fan	Type	Low noise or rotor High power axial fan									
	Power (Kw)	2.4	4.8	9	4.8	18	18	27	27	36	36
	Cooling Air Flow (m³/h)	40000	51000	63000	80000	105000	122000	155000	175000	205000	250000
Safety Protection	Compressor over heat / Over loading / High and low pressure / Over temperature / Phase and phase reverse / Anti Freezing										
Dimension (LxWxH)	mm	2150x2000x1850	2400x2250x1880	2480x2300x1980	2600x2300x1980	4050x2100x2020	4550x2100x2155	2400x3400x1880	3150x4200x2200	2600x4550x1980	4050x4200x2050
Net Weight	Kg	1300	1620	1930	2260	3340	3850	4200	4450	3570	4860
Unit Exchange	1KW=860Kcal/h 1RT=3024Kcal/h 1Btu/hr=0.252Kcal/h										

FEATURES

- Adopted world famous branded semi-hermetic compressors for long term reliable and efficient running
- Compressor runs with no stage limits to realize stageless continuous adjustment of cooling capacity in between 25%-100% power loaded and maintaining stable outputs
- OShell and tube condenser adopts high-precision external threaded copper tube design with larger heat exchanging area for higher efficiency and maximizing system performance
- OAdopted the latest generation PLC controller to realize precision control of the unit, ensuring efficient and stable running, etc.

HEAVY DUTY WATER CHILLER

Water Cooled Screw Chiller



Energy
Saving



Excellent
Performance



High
Profit



High
Technology

BEST INDUSTRIAL WATER CHILLER

Water Chillers combine stable function, energy efficiency and easy maintenance to meet the needs of our customers in all types of industries: from plastics, electronics, mechanical and chemical to the food industry and more. We provide customized water cooling solutions with Four Stages of Cooling. Each stage involves a specific cooling process for different water temperatures to allow for an efficient process.

SPECIFICATION 1 of 2

MODEL	UNIT	XC-L30WS	XC-L40WS	XC-L50WS	XC-L60WS	XC-L80WS	XC-L100WS	XC-L120WS	XC-L160WS	XC-L180WS
Refrigerating Capacity	KW	88	118	152	172	230	292.8	343	492	530
	Kcal/h	75680	101480	130720	147920	197800	251808	295152	423120	455800
Input Power	KW	22	30	37	45	60	37x2	45x2	60x2	67.5x2
Control Type	Expansion Valve									
Refrigerant	R22 (R407C)									
Compressor	Type	Semi-Hermetic Screw								
	Quantity	1/2/3/4								
	Startup Mode	y-Δ								
	Capacity Control	0-25-50-75-100								
Power	3PH-380V/50Hz (200V/220V/415V 50Hz/60Hz)									
Evaporator	Type	Shell And Tube Type								
	Cooling Water Flow (m ³ /h)	19	21	26	30	39	55	68	86	96
	Water Pipe Diameter	3"	3"	3"	3"	4"	4"	4"	4"	6"
Condenser	Type	Air cooled high-efficient inner threaded copper-tubing aluminium fin type								
Fan	Type	Low noise or rotor High power axial fan								
	Power (Kw)	21	26	33	40	45	69	85	108	122
	Cooling Air Flow (m ³ /h)	3	3	3	4	4	4	4	4	4"x2
Safety Protection	Compressor over heat / Over loading / High and low pressure / Over temperature / Phase and phase reverse / Anti Freezing									
Dimension (LxWxH)	mm	2145x800x1670	2340x800x1670	2340x800x1670	2580x800x1720	3130x900x1860	3340x1300x1450	3340x1300x1500	3880x875x1850	3910x875x1950
Net Weight	Kg	-	-	-	-	-	-	-	-	-
Unit Exchange	1KW=860Kcal/h 1RT=3024Kcal/h 1Btu/hr=0.252Kcal/h									

SPECIFICATION 2 OF 2

MODEL	UNIT	XC-L240WS	XC-L280WS	XC-L320WS	XC-L360WS	XC-L440WS	XC-L500WS	XC-L560WS	XC-L640WS	XC-L640WS
Refrigerating Capacity	KW	792	872	980	1198	1380	1564	1768	1960	2396
	Kcal/h	681120	749920	842800	1030280	1186800	1345040	1520480	1685600	2060560
Input Power	KW	90x2	105x2	120x2	135x2	165x2	187x2	260x2	240x2	270x2
Control Type	Expansion Valve									
Refrigerant	R22 (R407C)									
Compressor	Type	Semi-Hermetic Screw								
	Quantity	1/2/3/4								
	Startup Mode	y-Δ								
	Capacity Control	0-25-50-75-100								
Power	3PH-380V/50Hz (200V/220V/415V 50Hz/60Hz)									
Evaporator	Type	Shell And Tube Type								
	Cooling Water Flow (m ³ /h)	136	150	168	206	240	273	308	337	412
	Water Pipe Diameter	6"	6"	6"	8"	8"	10"	10"	10"	10"
Condenser	Type	Air cooled high-efficient inner threaded copper-tubing aluminium fin type								
Fan	Type	Low noise or rotor High power axial fan								
	Power (Kw)	170	186	220	252	294	334	372	416	506
	Cooling Air Flow (m ³ /h)	4'x2	5'x2	5'x2	6'x2	6'x2	6'x2	6'x2	8'x2	8'x2
Safety Protection	Compressor over heat / Over loading / High and low pressure / Over temperature / Phase and phase reverse / Anti Freezing									
Dimension (LxWxH)	mm	3670x875x1950	4250x1320x2150	4350x1320x2150	4450x1580x230	4900x1600x360	5010x1760x360	4310x2350x630	4310x2350x750	4310x2350x630
Net Weight	Kg	-	-	-	-	-	-	-	-	-
Unit Exchange	1KW=860Kcal/h 1RT=3024Kcal/h 1Btu/hr=0.252Kcal/h									

FEATURES

The convertor can reduce the rushing water by start-up. The DC link can lower the harmonic interference to the minimum. There is also a low harmonic filter which can provide overheat protection and capacitance switching.

It also adopts the converting drive technology which can maximize the loading efficiency and the loading performance level can reach 10.

The converter follows the chiller start-up. It's simplified, reliable and handy for installation.

The new PLC controller can exquisitely controls the chiller by its performance.

HEAVY DUTY WATER CHILLER

Water Chiller With Convertor



Energy
Saving



Excellent
Performance



High
Profit



High
Technology

BEST INDUSTRIAL WATER CHILLER

Water Chillers combine stable function, energy efficiency and easy maintenance to meet the needs of our customers in all types of industries: from plastics, electronics, mechanical and chemical to the food industry and more. We provide customized water cooling solutions with Four Stages of Cooling. Each stage involves a specific cooling process for different water temperatures to allow for an efficient process.

FEATURES

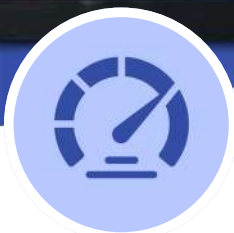
- The explosion proof water chiller is adopted with a series of explosion-proof devices and components.
- The chiller can be used in all flammable and combustible circumstances like petrochemical, metallurgical, pharmaceutical and defense industries.
- The chiller capacity can be vary from 30HP-720HP or even tailor made for customers.

HEAVY DUTY WATER CHILLER

Explosion-Proof Water Chiller



Energy
Saving



Excellent
Performance



High
Profit



High
Technology

BEST INDUSTRIAL WATER CHILLER

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FEATURES

- Regarding to high power industrial chiller, screw type chiller is available.
- Screw type chiller adopts screw compressor with high efficiency, low noise, durable service, reliable operation.
- Products that have high performance can be relied upon, equipped with the latest technology that can fully support your business

HEAVY DUTY WATER CHILLER

Separate Cooled Chiller



Energy Saving



Excellent Performance



High Profit

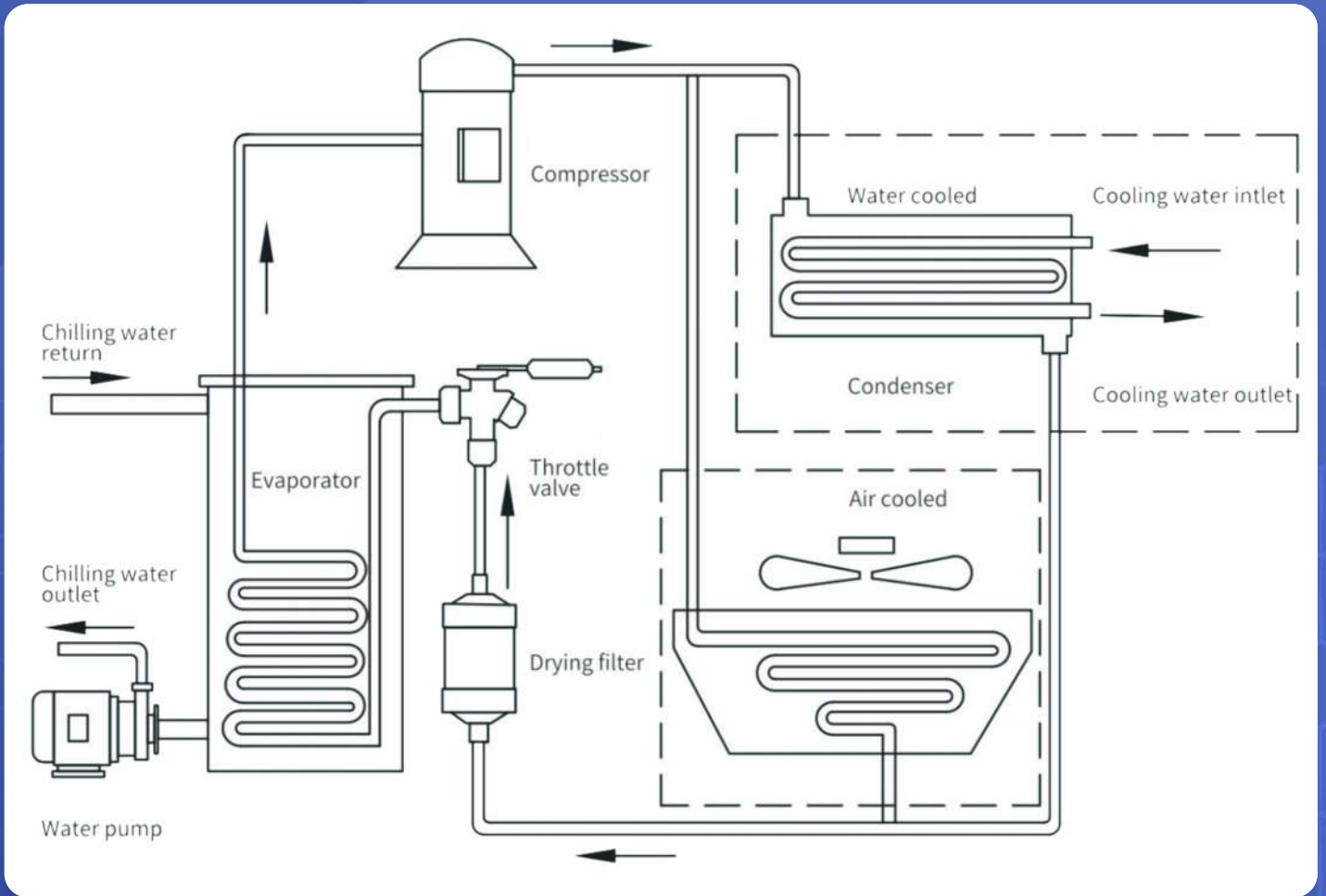


High Technology

BEST INDUSTRIAL WATER CHILLER

Industrial Chillers are widely used in many industries like plastic and rubber manufacturing, electronic productions, electroplating, medical chemistry, ultrasonic cooling and printing business, etc. It could accurately provide needed temperature for modern industrial manufacturing and largely improve efficiency and product quality. Industrial Chillers are with simple operation, reasonable design and superior quality with more than one hundred different models, which are the best choice for modern industries.

DIAGRAM



FEATURES

With the combination of famous brand compressors, high efficient shell and tube condensers/finned condensers and shell and tube evaporators, excellent cooling, quiet with low electric consumption.

Advanced microcomputer LCD chiller controller, simultaneously displays the cold water outlet and the set temperature, easy to operate with accuracy of controlling water temperature within 3°C to 50°C.

Current overload protection, high and low pressure protection system and electronic time delay, and an abnormal visual display system.

HEAVY DUTY WATER CHILLER

Water/Air Cooled Chiller



Energy Saving



Excellent Performance



High Profit



High Technology

BEST INDUSTRIAL WATER CHILLER

Industrial chillers are widely used in plastics, electronics manufacturing, electroplating, pharmaceutical and chemical, ultrasonic cooling, printing and other industrial productions. It can precisely control the temperature required for modern industrial manufacturing and largely improve efficiency and product quality. It is the best choice for modern industries with simple operation, reasonable design and superior quality and over one hundred different models. It is to provide a cooling process in plastic molding, to improve quality of molded products and shorten period of injection molding cycles. Hence maximizes productivity of plastic molding manufacturing.

SPECIFICATION 1 of 2

MODEL	UNIT	XC-LF1A	XC-LF2A	XC-L3W	XC-L5W	XC-L6W	XC-L8W	XC-L10W	
				XC-LF3A	XC-LF5A	XC-LF6A	XC-LF8A	XC-LF10A	
Cooling Capacity	Kw	2.77	5.28	7.91	14.5	17.5	27	35	
	Kcal/h	2382	4541	6803	12758	15054	23220	30100	
Compressor	Input Power	Kw	0.75	1.5	2.2	3.75	4.5	6	3.75x2
	Rated Power	Hp	1	2	3	5	6	8	5x2
Power		1PH-220V/50HZ			3PH-380V/50Hz (200V/220V/415V 50Hz/60Hz)				
Evaporator	Type	Water Tank With Coil				Steel And Tube			
	Pipe Diameter	Inch	1"	1"	1"	1"	1"	2"	2"
Refrigerant	Type	R22							
	Quantity	Kg	1.6	1.8	2	2	2.5	4	5
Condenser water chiller	Type	(Shell and Tube Condenser)							
	Pipe Diameter	Inch	-	-	1"	1"	1"	2"	2"
Cooling Water Flow	m ³ /h	0.476	0.908	1.36	2.22	2.6	3.95	4.42	
Condenser Air Chiller	Type	Finned Copper Tube + Low Noise Outer Rotor Fan							
	Fan Power	W	90x1	170x1	180x1	180x2	180x2	420x2	420x2
Water Tank Capacity	Liter	20	25	40	45	45	80	80	
Pump	Power	Kw	0.37	0.37	0.37	0.75	0.75	1.5	1.5
		HP	0.5	0.5	0.5	1	1	2	2
	Distance	m	23	23	23	35	35	15	15
	Flow Rate	L/min	100	100	100	110	110	360	360
Safety Protection		High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.							
Dimensions (LxWxH)	Water Cooled	mm	-	-	1080x640x986	1080x640x986	1080x640x986	1270x650x1413	1270x650x1413
	Air Cooled	mm	800x490x865	800x565x1025	960x630x1025	1280x680x1225	1280x680x1225	1550x850x1508	1550x850x1508

SPECIFICATION 2 OF 2

MODEL		UNIT	XC-L12W	XC-L15W	XC-L20W	XC-L25W	XC-L30W	XC-L40W	XC-L55W
			XC-LF12A	XC-LF15A	XC-LF20A	XC-LF25A	XC-LF30A	XC-LF40A	XC-LF50A
Cooling Capacity		Kw	39	51.7	71.9	81.4	108.5	144	160
		Kcal/h	44505	45422	61902	70021	93361	123805	138621
Compressor	Input Power	Kw	4.5x2	3.75x3	7.5x2	9x2	7.5x3	7.5x4	9.4 x 4
	Rated Power	Hp	6x2	5x3	10x2	12.5x2	10x3	10x4	12.5x4
Power		3PH-380V/50Hz (200V/220V/415V 50Hz/60Hz)							
Evaporator	Type	Sheel And Tube							
	Pipe Diameter	Inch	2"	2.5"	2.5"	3"	3"	4"	4"
Refrigerant	Type	R22							
	Quantity	Kg	5	7.5	11	11	12	18	18
Condenser water chiller	Type	(Shell and Tube Condenser)							
	Pipe Diameter	Inch	2"	2.5"	2.5"	2.5"	3"	4"	4"
Cooling Water Flow		m ³ /h	5.03	7.1	8.84	10.06	13.6	17.75	21.9
Condenser Air Chiller	Type	Finned Copper Tube + Low Noise Outer Rotor Fan							
	Fan Power	W	420x2	800x2	420x3	800x3	800x3	420x6	800x6
Water Tank Capacity		Liter	80	100	150	210	210	380	400
Pump	Power	Kw	1.5	2.2	2.2	4	4	5.5	7.5
		HP	2	3	3	5	5	7.5	10
	Distance	m	15	16	16	16	16	16	18
	Flow Rate	L/min	360	360	360	700	700	700	800
Safety Protection		High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.							
Dimensions (LxWxH)	Water Coole d	mm	1270x650x1413	1270x650x1413	1880x880x1650	1880x880x1650	2050x1000x1730	2050x1000x1730	2190x1250x1840
	Air Coole d	mm	1550x850x1508	1850x1000x1600	2150x1000x1780	2400x1150x1800	2600x1150x1930	2300x2000x1800	2800x2100x1960

HEAVY DUTY WATER CHILLER

Chiller (Environmental R407/R410A)



FEATURES

- Well selected world class famous hermetic scroll compressor, with lower noise and less vibration, efficient and energy saving
- Environment-friendly refrigerant R407C, R134A, R410A, etc., no harm to the ozone field
- International well-known brand electrical appliances ensure stable running of the machine
- Well-known brand pumps, with large working range, low noise, reliable performance and no leakage and maintenance-free
- high-quality stainless steel heat preservation water tank and heat preservation piping system ensure pure water quality and handy for cleaning and maintenance
- Cooling Capacity range from 2KW-2500KW, with various models, can fully meet the demands of industrial production
- European designed exterior with electrostatic spray coating, compact structure and elegant appearance



Energy Saving



Excellent Performance



High Profit



High Technology

BEST INDUSTRIAL WATER CHILLER

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SPECIFICATION 1 of 2

MODEL		UNIT	XC-L3W-R7	XC-L5W-R7	XC-L6W-R7	XC-L8W-R7	XC-L10W-R7	XC-L12W-R7
			XC-L3W-R0	XC-L5W-R0	XC-L6W-R0	XC-L8W-R0	XC-L10W-R0	XC-L12W-R0
Cooling Capacity		Kw	8.61	14.5	17	23.2	30.4	39
		Kcal/h	7405	12470	14672	19952	26144	34300
Compressor	Input Power	Kw	2.2	3.75	4.5	6	3.75x2	4.5x2
	Rated Power	Hp	3	5	6	8	5x2	6x2
Power		3PH-380V 50Hz (200V/220V/415V/460V) 50Hz/60Hz)						
Evaporator	Type	Water Tank With Coil (Sheel And Tube)						
	Pipe Diameter	Inch	1"	1"	1"	2"	2"	2"
Refrigerant	Type	R22						
	Control Method	Capillary Tube				(Capillary) Expansion Valve		
Condenser water chiller	Type	Shell Condenser						
	Pipe Diameter	Inch	1"	1"	1"	2"	2"	2"
Cooling Water Flow		m ³ /h	1.36	2.22	2.6	3.95	4.42	5.03
Water Tank Capacity		Liter	40	45	45	80	80	80
Pump	Power	Kw	0.37	0.75	0.75	1.5	1.5	1.5
		HP	0.5	1	1	2	2	2
	Distance	m	23	35	35	15	15	15
	Flow Rate	L/min	100	110	110	360	360	360
Safety Protection		High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.						
Dimensions (LxWxH)		mm	1080x640x986	1080x640x986	1080x640x986	1270x650x1413	1270x650x1413	1270x650x1413
		Kg	130	150	165	300	350	430

SPECIFICATION 2 OF 2

MODEL		UNIT	XC-L15W-R7	XC-L20W-R7	XC-L25W-R7	XC-L30W-R7	XC-L40W-R7	XC-L50W-R7
			XC-L15W-R0	XC-L20W-R0	XC-L25W-R0	XC-L30W-R0	XC-L40W-R0	XC-L50W-R0
Cooling Capacity		Kw	44	57.6	67	94.8	117.2	142
		Kcal/h	38081	49553	67620	81528	100792	122636
Compressor	Input Power	Kw	3.75x3	7.5x2	9x2	11x2	15x2	18x2
	Rated Power	Hp	7.5x2	10x2	12.5x2	15x2	20x2	25x2
Power		3PH-380V 50Hz (200V/220V/415V/460V) 50Hz/60Hz)						
Evaporator	Type	Water Tank With Coil (Sheet And Tube)						
	Pipe Diameter	Inch	2.5"	2.5"	3"	3"	4"	4"
Refrigerant	Type	R22						
	Control Method	Capillary Tube				(Capillary) Expansion Valve		
Condenser water chiller	Type	Shell Condenser						
	Pipe Diameter	Inch	2.5"	2.5"	2.5"	3"	4"	4"
Cooling Water Flow		m ³ /h	7.1	8.84	10.06	13.6	17.75	21.9
Water Tank Capacity		Liter	100	150	260	260	390	390
Pump	Power	Kw	2.2	2.2	4	4	5.5	7.5
		HP	3	3	5	5	7.5	10
	Distance	m	16	16	16	16	16	18
	Flow Rate	L/min	360	360	700	700	700	800
Safety Protection		High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.						
Dimensions (LxWxH)		mm	1270x650x1413	1880x880x1650	1880x880x1650	2050x1000x1730	2050x1000x1730	2190x1250x1840
		Kg	730	800	900	1150	1200	1250

HEAVY DUTY WATER CHILLER

Cold & Hot Temperature Controllers



FEATURES

Current overload protection, high and low pressure protection system, over temperature protection and electronic time delay, and an abnormal visual display system

Easily to shift quickly from cooling and heating process with one-press operation based on production needs, temperature control maintains within +2°C

World class well-known brand compressors, lower noise and vibration levels, high efficiency and energy saving

Internationally well-known brands of electrical appliances

Electric heating, with fast the heating speed



Energy Saving



Excellent Performance



High Profit



High Technology

BEST INDUSTRIAL WATER CHILLER

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SPECIFICATION

MODEL		UNIT	XC-LF3AH	XC-LF5AH	XC-LF6AH	XC-LF8AH	XC-LF10AH	XC-LF12AH	XC-LF15AH
Cooling Capacity		Kw	7.91	12.9	15.22	23.8	30.5	34.3	38.08
		Kcal/h	6803	10836	13091	17630	21672	25585	32749
Compressor	Input Power	Kw	2.2	3.75	4.5	6	3.75x2	4.5x2	3.75x3
	Rated Power	Hp	3	5	6	8	5x2	6x2	5x3
Power		3PH-380V 50Hz (200V/220V/415V/460V) 50Hz/60Hz							
Evaporator	Type	Water Tank With Coil (Sheel And Tube)							
	Pipe Diameter	Inch	1"	1"	2"	2"	2"	2"	2.5"
Refrigerant	Type	R22 (R407C / R410A)							
	Control Method	Capillary				(Capillary) Expansion Valve			
Cooling Water Flow		m³/h	1.36	2.2	2.6	3.5	4.3	5.03	6.8
Condenser	Type	Finned Copper Tube + Low Noise Outer Rotor Fan							
	Fan Power	W	180x1	180x2	180x2	420x2	420x2	420x2	800x2
Water Tank Capacity		Liter	40	45	45	80	80	80	100
Pump	Power	Kw	0.37	0.75	0.75	1.5	1.5	1.5	2.2
		HP	0.5	1	1	2	3	3	3
	Distance	m	23	35	35	15	15	15	16
	Flow Rate	L/min	100	110	110	360	360	360	360
Heating Device	Type	Heating Pipe							
	Power	Kw	6	9	9	12	12	18	18
Safety Protection		High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.							
Dimensions (LxWxH)		mm	960x630x1025	1280x680x1225	1280x680x1225	1550x850x1508	1550x850x1508	1550x850x1508	1850x1000x1600

FEATURES

- Adopted world class famous compressor for low-temperature refrigeration
- Various refrigerant such as R404A, R410A, R22, R407C etc. can meet different refrigeration temperature or environmental protection requirements
- Options for temperature range: chilled water between -5°C ~ -30°C (depending on production needs to adopt different system configurations)
- Designed for 24 hours non-stop working condition to provide continuous cold source for all kinds of production processes

HEAVY DUTY WATER CHILLER

Low Temperature Chiller (-10°C)



Energy
Saving



Excellent
Performance



High
Profit



High
Technology

BEST INDUSTRIAL WATER CHILLER

Industrial chillers are widely used in plastics, electronics manufacturing, electroplating, pharmaceutical and chemical, ultrasonic cooling, printing and other industrial productions. It can precisely control the temperature required for modern industrial manufacturing and largely improve efficiency and product quality. It is the best choice for modern industries with simple operation, reasonable design and superior quality and over one hundred different models. It is to provide a cooling process in plastic molding, to improve quality of molded products and shorten period of injection molding cycles. Hence maximizes productivity of plastic molding manufacturing.

LOW TEMPERATURE WATER CHILLER SPECIFICATION 1 OF 4 (T=-10°C)

MODEL	UNIT	XC-L3WL	XC-L5WL	XC-L8WL	XC-L10WL	XC-L12WL	XC-L15WL	XC-L20WL	XC-L25WL	XC-L30WL	XC-L40WL	
Cooling Capacity	Kw	4.5	7.7	11.7	16.1	19.1	23.3	32.2	38.2	46.6	62.5	
	Kcal/h	3870	6622	10062	13846	16426	20038	27692	32852	40076	53750	
Compressor	Input Power	Kw	2.2	3.75	6	7.5	9	11.3	7.5x2	9.4x2	11.3x2	30
	Rated Power	Hp	3	5	8	10	12	15	20	25	30	40
	Type	Hermetic Scroll (Piston Type)										
Total Input		3	4.5	6.75	8.6	10.1	12.8	17.2	21	26.5	34	
Power	3PH-380V/50Hz (200V/415V/460V 50/60Hz)											
Evaporator	Type	Shell and Tube / Plate Heat Exchanger										
	Chilled Fluid Flow	m ³ /h	0.77	1.33	2.01	2.7	3.28	4	5.56	6.57	8.01	10.75
	Pipe Diameter	Inch	1"	1"	2"	2"	2"	2.5"	2.5"	3"	3"	4"
Refrigerant	Type	R22 (R404A/R507)										
	Control Method	Expansion Valve										
Condenser	Type	Shell Condenser										
	Pipe Diameter	W	1"	1"	1.5"	1.5"	1.5"	2"	2"	2.5"	3"	3"
Pump	Power	Kw	0.37	0.75	1.5	1.5	1.5	2.2	2.2	4	4	5.5
		HP	1	1	1	1.5	1.5	2	3	3	5	5
	Distance	m	15	25	25	18	18	20	20	20	20	25
Safety Protection	High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.											
Dimensions (LxWxH)	mm	1080x640x986	1080x640x986	1080x640x986	1270x650x413	1270x650x413	1470x750x413	1880x880x650	1880x880x650	2050x1000x1730	2050x1000x1730	
Weight	kg	148	209	300	319	430	475	633	754	897	1200	

LOW TEMPERATURE WATER CHILLER SPECIFICATION 2 OF 4 (T=-25°C)

MODEL	UNIT	XC-L3WL	XC-L5WL	XC-L8WL	XC-L10WL	XC-L12WL	XC-L15WL	XC-L20WL	XC-L25WL	XC-L30WL	XC-L40WL	
Cooling Capacity	Kw	1.77	2.67	5.64	7.66	8	8.26	13.32	16.71	19.63	24.8	
	Kcal/h	1521	2295	4849	6586	6880	7102	11452	14367	16877	21323	
Compressor	Input Power	Kw	2.25	3.75	6	7.5	9	11.25	15	18.75	22.5	30
	Rated Power	Hp	3	5	8	10	12	15	20	25	30	40
	Type	Hermetic Scroll (Piston Type)										
Total Input		3	4.5	6.75	8.6	10.1	12.75	17.2	20.9	26.5	34	
Power	3PH-380V/50Hz (200V/415V/460V 50/60Hz)											
Evaporator	Type	Shell and Tube / Plate Heat Exchanger										
	Chilled Fluid Flow	m ³ /h	0.86	1.29	2.73	3.7	3.87	3.99	6.44	8.07	9.49	11.98
	Pipe Diameter	Inch	1"	1"	2"	2"	2"	2.5"	2.5"	3"	3"	4"
Refrigerant	Type	R22 (R404A/R507)										
	Control Method	Expansion Valve										
Condenser	Type	Shell Condenser										
	Pipe Diameter	W	1"	1"	1"	1.5"	1.5"	2"	2"	3"	3"	3"
Pump	Power	Kw	0.75	0.75	1.5	1.5	1.5	2.2	2.2	4	4	5.5
		HP	1	1	2	2	2	3	3	3	5	7.5
	Distance	m	18	18	18	20	20	20	20	20	25	20
Safety Protection	High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.											
Dimensions (LxWxH)	mm	1080x640x986	1080x640x986	1270x650x413	1270x650x413	1270x650x413	1470x750x413	1880x880x650	1880x880x650	2050x1000x1730	2050x1000x1730	
Weight	kg	148	209	300	319	430	475	633	754	897	1200	

LOW TEMPERATURE AIR COOLED CHILLER

SPECIFICATION 3 OF 4 (T=-25°C)

MODEL	UNIT	XC-LF3AL	XC-LF5AL	XC-LF8AL	XC-LF10AL	XC-LF12AL	XC-LF15AL	XC-LF20AL	XC-LF25AL	XC-LF30AL	XC-LF40AL	
Cooling Capacity	Kw	2.92	4.68	7.83	10.98	13.59	16.47	21.96	23.4	27.18	34.2	
	Kcal/h	2514	4023	6732	9440	11684	14160	18881	20119	23369	29404	
Compressor	Input Power	Kw	2.25	3.75	6	7.5	9	11.25	15	18	22.5	30
	Rated Power	Hp	3	5	8	10	12	15	20	25	30	40
	Type	Hermetic Scroll (Piston Type)										
Total Input		3.18	4.86	7.25	9.4	10.9	13.47	18.8	22.55	28.5	36	
Power		3PH-380V/50Hz (200V/415V/460V 50/60Hz)										
Evaporator	Type	Shell and Tube / Plate Heat Exchanger										
	Chilled Fluid Flow	m ³ /h	1.41	2.26	3.78	5.31	6.57	7.96	10.61	11.31	13.13	16.53
	Pipe Diameter	Inch	1"	1"	2"	2"	2"	2.5"	2.5"	3"	3"	4"
Refrigerant	Type	R22 (R404A/R507)										
	Control Method	Expansion Valve										
Condenser	Type	Shell Condenser										
Pump	Power	Kw	0.35	0.75	1.5	1.5	1.5	2.2	2.2	4	4	5.5
		HP	0.5	1	2	2	2	3	3	5	5	7.5
	Distance	m	20	20	20	20	20	20	20	20	25	25
Safety Protection		High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.										
Dimensions (LxWxH)	mm	960x630x1026	1280x680x225	1550x850x508	1550x850x1508	1550x850x508	1850x1000x1600	2150x1000x1780	2400x1150x1900	2600x1150x1990	2300x2000x1800	
Weight	kg	135	175	310	450	530	750	835	920	1080	1125	

LOW TEMPERATURE AIR COOLED CHILLER

SPECIFICATION 4 OF 4 (T=-25°C)

MODEL	UNIT	XC-LF3AL	XC-LF5AL	XC-LF8AL	XC-LF10AL	XC-LF12AL	XC-LF15AL	XC-LF20AL	XC-LF25AL	XC-LF30AL	XC-LF40AL	
Cooling Capacity	Kw	1.17	1.84	3.85	5.41	5.8	6.03	10.03	12.29	14.46	18.45	
	Kcal/h	1005	1584	3310	4651	4988	5184	8628	10570	12435	15863	
Compressor	Input Power	Kw	2.25	3.75	6	7.5	4.5x2	11.25	15	18.75	22.5	30
	Rated Power	Hp	3	5	8	10	12	15	20	25	30	40
	Type	Hermetic Scroll (Piston Type)										
Total Input		3.18	4.86	7.25	9.4	10.9	13.47	18.8	22.25	28.25	36	
Power	3PH-380V/50Hz (200V/415V/460V 50/60Hz)											
Evaporator	Type	Shell and Tube / Plate Heat Exchanger										
	Chilled Fluid Flow	m³/h	0.57	0.89	1.86	2.61	2.8	2.91	4.85	5.94	6.99	8.92
	Pipe Diameter	Inch	1"	1"	2"	2"	2"	2.5"	2.5"	3"	3"	4"
Refrigerant	Type	R22 (R404A/R507)										
	Control Method	Expansion Valve										
Condenser	Type	Shell Condenser										
Pump	Power	Kw	0.37	0.75	1.5	1.5	1.5	2	2.2	4	4	5.5
		HP	0.5	1	2	2	2	2	3	5	5	7.5
	Distance	m	18	18	18	20	20	20	20	20	25	20
Safety Protection	High and low pressure protection, Overload protection, Over temperature protection, Phase Sequence Protection, Etc.											
Dimensions (LxWxH)	mm	960x630x1026	1280x680x225	1550x850x508	1550x850x1508	1550x850x508	1850x1000x1600	2150x1000x1780	2400x1150x1900	2600x1150x1990	2300x2000x1800	
Weight	kg	135	175	310	450	530	750	835	920	1080	1125	

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