

**FEATURE :**

The water chiller 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.

- Famous brand new compressors, high efficient shell condensers and evaporators-excellent cooling, quiet with low electric consumption.
- P.I.D. Microprocessor control-easy to operate, accurately maintains temperature range from 3°C to 50°C,
- Special open type reservoir tank with stainless steel-easy to clean and maintain.
- Well designed and reasonable pipelines-ensures power supply and saves energy.
- Current-overload protector, high-and-low pressure switches, electronic time delayer, fault display system-safe and durable.
- Liquid crystal display showing temperatures of outlet and inlet chill water-provides visualized and direct setting.
- Single, double or quadruple compressors combination available--economical and efficient.
- Industrial designed-elegant and ergonomic

| **YT-L5W**| **YT-LF5A**

Note: We reserve the right to cancel or change the above specific model without any prior notice.

# WATER / AIR COOLED CHILLER

## SPECIFICATIONS

Model	Unit	YT-LF1A	YT-LF2A	YT-LF3W	YT-LF5W	YT-LF6W	YT-LF8W	YT-LF10W	YT-LF12W	YT-LF15W	YT-LF20W	YT-LF25W	YT-LF30W	YT-LF40W	YT-LF50A		
		YT-LF3A	YT-LF5A	YT-LF6A	YT-LF8A	YT-LF10A	YT-LF12A	YT-LF15A	YT-LF20A	YT-LF25A	YT-LF30A	YT-LF40A	YT-LF50A				
Cooling Capacity	KW	2.77	5.28	7.91	14.5	17.5	27	35	39	51.7	71.9	81.4	108.5	144	180		
	Kcal/h	2382	4541	6803	12758	15054	23538	29714	44505	45422	61902	70021	93361	123805	138621		
Compressor	Input Power	KW	0.75	1.5	2.2	3.75	4.5	6	6	3.75x3	4.5x2	3.75x3	7.5x2	9x2	7.5x3	7.5x4	9.4x4
	Rated Power	HP	1	2	3	5	6	8	8	5x2	6x2	5x3	10x2	12.5x2	10x3	10x3	10x4
Power		3PH-380V/50HZ ( 200V/220V/415V 50HZ/60HZ )															
Evaporator	Type	Water Tank With Coil															
	Pipe Diameter	inch	1"	1"	1"	1"	1"	2"	2"	2"	2.5"	2.5"	3"	3"	3"	4"	4"
Refrigerant	Type	R22															
	Quantity	KG	1.6	1.8	2	2	2.5	4	5	5	7.5	11	11	12	18	18	
Condenser (Water Chiller)	Type	( Shell and Tube Condenser )															
	Pipe Diameter	inch			1"	1"	1"	2"	2"	2"	2.5"	2.5"	3"	3"	4"	4"	
Cooling Water Flow	Type	Fined Copper Tube + Low Noise Outer Rotor Fan															
	Flow Rate	m <sup>3</sup> /h	0.476	0.908	1.36	2.22	2.6	3.95	4.42	5.03	7.1	8.84	10.06	13.6	17.75	21.9	
Condenser (Air Chiller)	Type	High and Low Pressure Protection, Overload Protection, Over Temperature Protection, Phase Sequence Protection, etc.															
	Fan Power	W	90x1	70x1	180x1	180x2	180x2	420x2	420x2	420x2	800x2	420x3	800x3	800x3	420x5	800x5	
Water Tank Capacity	Liter	20	20	50	30	30	70	70	70	80	130	130	150	180	180		
	Power	KW	0.37	0.37	0.37	0.75	0.75	1.5	1.5	1.5	2.2	2.2	3	3	4	4	5.5
Pump	HP	0.5	0.5	0.5	1	1	2	2	2	3	3	5	5	5	7.5	7.5	
	Distance	m	23	23	23	35	35	15	15	15	16	16	16	16	16	16	
Safety Protection	Flow Rate	L/min	100	100	100	110	110	360	360	360	360	700	700	700	800		
	Dimensions (L*W*H)	Water Cooled	mm	998*650*696 1080*640*986 1080*640*986 1270*650*1413 1270*650*1413 1270*650*1413 1270*750*1413 1880*880*1650 1880*880*1650 2050*1000*1730 2150*1080*1950 2150*1080*1950													
	Air Cooled	mm	860*490*866 866*505*1026 1020*630*1026 1280*660*1243 1280*660*1243 1550*830*1508 1550*830*1508 1550*830*1508 1850*1000*1600 2150*1000*1780 2400*1150*1800 2800*1150*1900 2150*2000*1820 2400*2250*1880														

Note: 1. Cooling Capacity is calculated based on : Inlet/outlet chilled fluid temperature: 12°C/7°C, Inlet/outlet cooling water temperature :30°C/25°C.

2. Working condition:Chilled fluid temperature : from 5°C to 35°C, Inlet/outlet chilled fluid Temperature difference: from 3°C to 8°C.

Cooling water temperature: from 18°C to 37°C, Inlet/outlet cooling water Temperature difference: from 3.5°C to 10°C.

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