

**Water Cooled Screw Water Chiller**

LD-310W-AC Specification

No	Name	Specification	
1	Unit	Type	LD-310W-AC
2	Cool Capacity	KW	310
		Kcal/h	266600
3	Power	V	3N-440-60Hz
4	Total Power	KW	120.5
5	Total Current	A	222.9
6	Max Current	A	430.8
7	Compressor	Type	Semi Hermetic Screw
		Start up type	Y- Δ
		Enter power (kW)	103.6
		Current (A)	151.4
8	Condenser	Type	External Rotor Motor
		Input Power(kw)	9.4
		Flow m ³ /h	120000
9	Pump	Type	Pipe Centrifugal Pump
		Input Power(kw)	7.5
		Lift(m)	32
		Flow m ³ /h	54
10	Condenser	Type	High efficiency copper tube with corrugated aluminum fins
		Exchange heat KW	360



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11	Evaporator	Type	shell-tube-styled
		Exchange heat KW	310
10	Energy measure range	4 level (%)	100-75-50-25

11	Throttling set	Type	Thermostatic Expansion Valve
13	Connect Size	Cold media outlets	DN100 (depend on the unit)
		Cold media inlets	DN100 (depend on the unit)
14	LCD controller display	Display	Monitor
		Controller choice	relay output
		Temperature range °C	5~25
		Temp Accuracy °C	±2.0
15	Machine size	Long x wide x high	4760×1700×2100 MM
16	Alarm set	If The circulating water temperature is too low, alarm and cut off the compressor	
		Reverse phase of power supply	Phase detection prevents pumps and compressors from reversing
		High and low voltage fault	Pressure switch detection of pressure state in refrigerant system
		Compressor overload	Thermal relay protection compressor
		Compressor overload	Internal protector protection compressor
		Disconnection of non fuse switch	Skip off of fuse switch
		Low flow alarm	Flow switch



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	short circuit	air-break switch
	Cold carrier	running water
	Abnormal exhaust temperature	The exhaust temperature is too high to alarm and cut off the compressor

No	Accessories name	Quantity	Brand	Warranty (Month)
1	Compressor	1	Taiwan	12Month
2	shell and tube condenser	1	China	12Month
3	thermostatic expansion valve	1	Emerson	12Month
4	High pressure pressure switch	1	Taiwan	12Month
5	Device for drying and filtering	1	USA	12Month
6	Angle valve	2	Taiwan	12Month
7	Touch microcomputer controller	1	Taiwan	12Month
		1	Taiwan	12Month
8	AC contactor / thermal relay	5	Schneider	12Month
9	Reverse phase protector	1	Swiss	12Month
10	Air switch	1	Japa	12Month
			n	
11	Refrigerant pipeline	1	China	12Month
12	Water pipe system	1	China	12Month
13	Friendly Refrigerant R407	93KG	China	12Month
14	Pipe insulation material	1	China	12Month



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