www.chillercn.com
chiller@chillercn.com

CNCEN Laser Chiller

Parameter	Model	ZCL-A												
		01A	02A	03A	05A	08A	10A	12A	16A	20A	25A	30A	40A	50A
Cooling Capacity	KW /50HZ	2.8	5.2	7.8	13	21	26	31.2	39	52	61.5	78	104	130
	KW /60HZ	3.4	6.3	9.45	15.75	25.2	31.5	37.8	46.7	60	78.8	94.5	126	158
	Kcal/Hr /50Hz	2450	4540	6810	11350	18160	22700	27250	34050	45400	56750	68100	90800	113500
	Kcal/Hr /60Hz	2850	5200	8400	13000	20800	26000	31200	41600	52000	65000	78000	10400	130000
Input Power	KW	1.3	2.27	2.8	4.2	6.7	8.3	10.2	13.3	16.2	20.9	25	33.2	42.5
Power Supply		1PH~220V 50HZ			3 φ380V/ 50HZ (3 φ 220V ~ 600V 50HZ/60HZ)									
Refrigerant	Type	R22 (R407 or R410)												
	Type of control	Capillary vessel				Expansion Valve								
Compressor	Type	hermetic scroll (piston)												
Condenser	Type	Air Cooled shell and tube Highly effective red copper pipe socket string aluminum wing piece+lonw noise axial fan												
	Cooling Air Flow(m^3/h)	1000	2000	3000	5000	8000	10000	12000	15000	20000	25000	30000	40000	50000
Evaporator	Type	tank with coil				shell and tube								
	Chilled fluid flow(m^3/h)	0.48	0.91	1.27	2.13	3.27	4.26	4.91	6.55	8.52	9.83	13.6	17.75	21.9
	Volume(L)	20	40	70	130	220	220	300	300	400	400	500	500	500
	Inlet and Outlet Pipe Diameter (inch)	1/2"	1/2"	1"	1"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"	3"
Internal Pump	Horsepower (kw)	0.37	0.37	0.37	0.75	0.75	1.5	1.5	1.5	2.2	2.2	2.2	3	3
	Lift(m)	20	22	25	25	25	25	25	25	25	28	28	28	28
Safety Protection		compressor over temperature, over current, high and low pressure, over temperature,flow Switch, phase sequence, phase-missing, exhaust overheating, antifreezing												
Weight	KG	73	99	135	258	378	417	530	750	835	920	1080	1125	1250
Dimension	mm	500*500* 850	650*600* 1020	900*700* 1060	1250*750* 1100	1360*800* 1400	1450*850* 1400	1550*850* 1410	1750*850* 1560	2000*1050* 1600	2450*1100* 1450	2600*1200* 1750	2000*2000* 1590	2550*2100 *1800

Note : 1.Nominal cooling capacity calculated according to:Inlet/outlet chilled fluid temperature : 12℃/7℃. Inlet/outlet cooling air temperature : 30℃/38℃.
2.Working condition:The temperature range of chilled fluid is from 5℃ to 35℃. Temperature difference between inletand outlet chilled fluid is from 3℃ to 8℃. In theory, It's better to run the chiller while the ambient temperature at or below 35℃.The above red parameters is for the particular voltage, which need to made accordingly.
We reserve the right to modify the above information without further notice.