

## LECOL Water Cooled Chiller

Chiller unit can reduce the process temperature to a "trimmed" 25 deg. C , it can use the pure water as the coolant which can improve the efficiency of heat exchange and extend life time of sample cooler.

### Feature

- ☆ **Various capacity, suitable for most of applications**  
Provide various capacity from 12,000 to 480,000 BTU/HR
- ☆ **Various Safety protection system**  
Provide most of safety alarm to protect the chiller system such as : Power reverse, missing phase protection, compressor overload, motor overload, insufficient coolant, cooling water insufficient, chilled water frozen... etc.



### Specifications

Model No.	Unit	C-01	C-02	C-05	C-10	C-15	C-20	C-25	C-30	C-40
Control Temperature	℃	8-30								
Power	VAC	3 phase, 220V or 380V (Others available)								
Cooling capacity	50 Hz (BTU/HR)	9600	19,350	48,380	96,760	145,150	193,530	241,920	290,300	387,070
	60 Hz (BTU/HR)	12000	24,000	60,000	120,000	180,000	240,000	300,000	360,000	480,000
Compressor	HP	1	2	5	5 x 2	7.5 x 2	10 x 2	12.5 x 2	15 x 2	20 x 2
Pump	HP	0.5	0.5	1	2	2	2	3	3	3
Max. Pump Pressure	Kg/cm2	2	2	2.3	2.7	2.7	2.7	3.2	3.2	3.2
Max. Pump Capacity	L/min	108	108	162	308	308	308	654	654	654
Water Tank	L	30	40	80	120	160	160	200	200	200
Process Connection	Cooling water	3/4" inlet 3/4" outlet	3/4" inlet 3/4" outlet	1" inlet 1" outlet	1 1/2" inlet 1 1/2" outlet	1 1/2" inlet 1 1/2" outlet	2" inlet 2" outlet	2 1/2" inlet 2 1/2" outlet	2 1/2" inlet 2 1/2" outlet	3" inlet 3" outlet
	Chilled water	3/4" inlet 3/4" outlet	3/4" inlet 3/4" outlet	1" inlet 1" outlet	1 1/2" inlet 1 1/2" outlet	1 1/2" inlet 1 1/2" outlet	2" inlet 2" outlet	2 1/2" inlet 2 1/2" outlet	2 1/2" inlet 2 1/2" outlet	3" inlet 3" outlet

**LECOL**

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