

# AIR COOLED CHILLER CHI21-012



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Air cooled chiller absorb heat from process water, and the heat is then transferred to the air around the chiller unit. Air cooled chiller require less maintenance.

Used in Laboratory, Pharmaceutical, Chemical, Laser.

Also known as Laboratory Air Cooled Chiller.

## CHI21-012 AIR COOLED CHILLER

It adopts single-stage vapor compression circuit and has compressor overload protection, pump overload protection, reverse phase and lack of phase warning, anti-icing protection, high and low pressure protection and other devices.

The machine has stable performance and long life.

It can cool down quickly, and the temperature is stable to meet customer requirements.

This series of products mainly work on the principle of cold and heat exchange.

It is suitable for the cooling field in modern industry and is not affected by the ambient temperature.

It is an indispensable configuration device.



## SPECIFICATIONS

Model	CHI21-012
Freezing capacity	
kw	12.5 kw
kcal/h	10750 kcal/h
btu/h	42650 btu/h
Compressor	
Output power	3.7 kw
hp	5 hp
Weight	4.3 kg
Refrigerant	
Control mode	Thermostatic expansion valve
Type	R22 ( R407C optional )
Evaporator(Type)	Tube-in-shell
Condenser(Air Chiller)	
Fan power	0.25x2
Type	High effective inner threaded copper finned + low noise fan
Water tank capacity	60 L
Pump	
Type	Stainless steel centrifugal pump
Power kw	0.37 kw
Flow rate	88 l/min
Working pressure	2 bar
Chilled wateroutlet	1 inchx1
Pipe coupling	

Chilled water inlet	1 inchx1
Water tank drainage port	1/2 inch
Dimension(LXWXH) mm	1250X700X1200 mm
Weight	175 kg
Power	3 ph-380 V/50 Hz (220 V/400 V/415 V/440 V 50 Hz/60 Hz)
Temperature	5-35 °C
Tolerance	± 0.5 °C (± 1 °C at low load)
Safety protections	High and low pressure controller/anti-freezing switch/overload of pump and compressor protection/overheat protection/delayed protection



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