

**ISOMAG**



**COOLING  
TOWER**



## ROUND COOLING TOWER

### TECHNICAL SPECIFICATION

Model	Voltage (V)	Flow (m <sup>3</sup> /hr)	Fan Diameter (mm)	Power (Kw)	Dimension (mm)		Net Weight (Kg)	Work Weight (Kg)	Piping			
					Hight	Outer Diameter			Inlet	Drainage	Sewage Disposal	Water Port
ILXT-3T	220	3	300	0.038	1200	650	35	85	25	25	25	15
ILXT-6T	380	6	585	0.18-6	1520	930	53	133	40	40	25	15
ILXT-8T		8	600	0.18-6	1620	930	56	139	40	40	25	15
ILXT-10T		10	600	0.18-6	1780	960	75	200	40	40	25	15
ILXT-12T		12	600	0.18-6	1820	1040	80	220	50	50	25	15
ILXT-16T		16	760	0.37-6	1900	1120	85	300	50	50	25	15
ILXT-20T		20	760	0.37-6	1900	1250	110	320	50	50	25	15
ILXT-25T		25	760	0.37-6	2010	1420	140	340	50	50	25	15
ILXT-30T		30	770	0.37-6	2100	1420	160	350	50	50	25	15
ILXT-40T		40	885	1.1-8	2120	1650	165	369	80	80	25	15
ILXT-50T		50	885	1.1-8	2200	1850	185	433	80	80	25	15
ILXT-60T		60	885	1.1-8	2450	1870	220	730	80	80	25	15
ILXT-70T		70	1000	1.1-8	2550	2020	368	753	100	100	40	20
ILXT-80T		80	1190	1.5-8	2680	2350	460	1023	100	100	40	20
ILXT-90T		90	1470	2.2-12	2760	2520	650	1080	100	100	40	20
ILXT-100T		100	1470	2.2-12	2870	2900	695	1130	125	125	40	20
ILXT-125T		125	1800	4-12	3200	3300	908	1588	125	125	40	20
ILXT-150T		150	1800	4-12	3450	3300	1015	2035	125	125	40	20
ILXT-175T		175	1800	4-12	3800	3600	1310	2540	150	150	50	20
ILXT-200T		200	1800	4-12	4000	4000	1613	3317	150	150	50	25
ILXT-250T		250	2400	5.5	4350	4500	2121	3876	200	200	50	25
ILXT-300T	300	3000	7.5	4600	4900	2235	3990	200	200	50	25	

Specifications are subject to change without notice.



## COOLING TOWER DESCRIPTION

### Cooling tower instructions

The series counter flow round cooling tower selection and overall performance, in addition to other counter current found the tower energy efficient advantages, also has The following advantages.

The tower body: the use of frp composite material, the surface of the gel coat using imported raw materials, its color species containing anti-uv stabilizers, surface finish, resistance to aging, life time you.

Fans: option distorted the big chord length, space, forward-leaf type cooling tower fan; wind speed is uniform, moving down, energy consumption, low noise, and can change the blade angle to meet the technical requirements and improve the efficiency of plant.

Motor: using the sealed cooling tower dedicated motor, 380v3Ø50HZ waterproof performance is good, can be safely used in the temperature environment.

Filler: round counterflow fill cooling area growth coefficient, good water distribution, water by gas convection surface disturbance large, high thgh thermal performance.

Steel: rust hot-dip galvanized, corrosion resistance, high strength, easy assembly, surface appearance.

Transmission:all rotating parts are made of imported bearings,high precision, low maintenance,v with beit imported highstrength,high strength,wear resistance,long life,all round cooling tower to take over the hitch,flanges are made of metal pieces,and allmetal parts turned around and are made of copper alloy,which is to minimize thepipe connection hitch flange rupture and sprinkler turned wear gratly extend the service life of the cooling tower.

The bk-125 or more cooling towers are made of fiberglass louvers into the wind,to reduce the counterflow cooling tower splash.



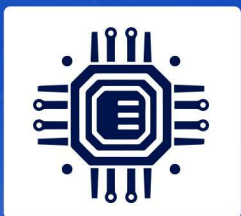
## CHARACTERISTICS OF COOLING TOWER

### Cooling tower instructions

1. ABS high strength support frame.
2. Shaft motor frame.
3. Packing branch pipe of internal stainless steel or reinforced galvanized pipe.
4. The anti freezing and sunscreen life of authentic pure glass fiber reinforced plastic thickened cylinder is longer.
5. The motor adopts three-phase waterproof motor with pure copper core, which is suitable for outdoor work.
6. The cylinder screws are made of 304 stainless steel.

## APPLICATION SCOPE

Air conditioning cooling tower system, chemical system, food processing, electroplating industry, generator set, etc.



**High  
Technology**



**Durable  
Product**



**Low  
Cos**



**Energy  
Saving**



**Best Quality  
Product**





## SQUARE COOLING TOWER



High  
Technology



Durable  
Product



Low  
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Energy  
Saving

### TECHNICAL SPECIFICATION

Model	ICT-60T	ICT-70T	ICT-80T	ICT-90T	ICT-100T	ICT-125T	ICT-150T	ICT-175T	ICT-200T	ICT-250T	ICT-300T	
Motor Power Kw	1.1-8	1.1-8	1.5-8	2.2-12	2.2-12	4-12	4-12	4-12	4-12	5.5	7.5	
Water Flow m <sup>3</sup> /h	60	70	80	90	100	125	150	175	200	250	300	
Blow Motor Diameter mm	885	1000	1190	1470	1470	1800	1800	1800	1800	2400	3000	
Piping	Inlet	80	100	100	100	125	125	125	150	150	200	200
	Drainage	80	100	100	100	125	125	125	150	150	200	200
	Sewage Disposal	25	40	40	40	40	40	40	50	50	50	50
	Water Port	15	20	20	20	20	20	20	20	25	25	25
Machine Size	Height	2450	2550	2680	2760	2870	3200	3450	3800	4000	4350	4600
	Diameter (Max Od)	1870	2020	2350	2520	2900	3300	3300	3600	4000	4500	4900
Weight (Kg)	368	423	607	650	695	908	1015	1310	1613	2121	2235	

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### Advantage of Square Cooling Tower

- Beautiful and durable. The surface is made of imported colored gel coat, containing ultraviolet absorbers, bright and clean as a mirror, anti-aging, and difficult to fade. The color of the tower can be selected according to the user's requirements.
- Environmental protection and low noise. The use of a low-speed fan, high water induced anechoic pad, streamline water collector, effectively control the impact of the cooling tower on the environment.
- Low operation cost. The selection of energy-saving large diameter fan has the advantages of large air volume, small power, and low energy consumption, which can effectively save the operation cost for users; the multi-speed motor can be selected according to the requirements of users, which can adjust the air volume according to the change of ambient temperature, so as to further reduce the operation cost.

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