

Cost & Energy saving For Cooling Tower

Progressive Non-Chemical Cooling Tower
Water Treatment Technology



Our technology 1.Pulse Power 2.Copper Ion

pulse-power technology to impart a broad spectrum of electro-magnetic fields into the flowing cooling tower water. This removes the static charge from naturally-occurring particles and results in:

advantage

Scale Prevention:

Corrosion Control: no risk of chemical corrosion.

Biological Control: **copper-ionization.**

Sediment Control: Various filtration technologies are used to remove airborne containments such as dust, dirt, leaves, seeds, insects and biofouling.



Copper Ion use for

- Cooling towers
- Heat exchangers
- Aftercoolers
- Boilers, water & LP steam
- Once through systems
- Air conditioners
- Chillers
- Furnaces
- Portable water systems
- Evaporative condensers

**Electric Saving
10~30%**

- Cost Effectiveness of Water Treatment
- Energy Savings
- Water Savings
- Environmentally Safe



(冷却塔能力目安 Cooling Tower Capacity and Spec)

○開放式 OPEN Type					
P/N		TS-100	TS-300	TS-300	TS-300
Cooling Tower Capacity		100RT~180RT	180RT~300RT	180RT~300RT	180RT~300RT
Circulating Water VOL		50 m ³ ~80 m ³ /H	200 m ³ ~300 m ³ /H	200 m ³ ~300 m ³ /H	200 m ³ ~300 m ³ /H
Treated Water VOL		~80, 000L/H	~240, 000L/H	~240, 000L/H	~240, 000L/H
Power Supply Volt		100V /200VAC	100V /200VAC	100V /200VAC	100V /200VAC
Power Consumprion		200w~300w	200w~300w	200w~300w	200w~300w
Size	Generator	160 × 160 × 298	230 × 230 × 298	230 × 230 × 298	
	Control	200 × 430 × 320			
Weight		65kg	70kg	80kg	80kg
					
○加圧式 Closed					
P/N		WH-100	WH-300	WH-500	WH-500
Cooling Tower Capacity		100RT~180RT	180RT~300RT	300RT~500RT	300RT~500RT
Circulating Water VOL		50 m ³ ~80 m ³ /H	200 m ³ ~300 m ³ /H	300 m ³ ~500 m ³ /H	300 m ³ ~500 m ³ /H
Treated Water VOL		~80, 000L/H	~240, 000L/H	~400, 000L/H	~400, 000L/H
Power Supply Volt		100V /200VAC	100V /200VAC	100V /200VAC	100V /200VAC
Power Consumprion		200W~300W	200W~300W	200W~300W	200W~300W
Size	Generator	430 × 280 × 610	600 × 330 × 710	645 × 400 × 780	
	Control	555 × 250 × 600			
Weight		80kg	87kg	110kg	110kg
					
RT type ALL in BOX				Covid Buster Mini	
P/N		RT100	RT50	Covid Buster Mini	
Cooling Tower Capacity		100 ~ 180RT	50 ~ 100RT	Cu ion 1ppm	
Circulating Water VOL		~ 100m ³ /h	~ 50m ³ /h		
Treated Water VOL				1-2L/min Spray	
Power Supply Volt		100V /200VAC	100V /200VAC	100V /200VAC	
Power Consumprion					
Size	Generator & Control				
		30kg	30kg	20kg	

※設置費用 現地により異なる Installation cost is depend on location.

※メンテナンス期間 年/1 回 上部フランジ及び電極交換 Replace Copper electrode 1 time / yr

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