

# Company Profile

Cooling Tower Services

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# About Us

[Evertech Cooling](#) specializing in cooling tower services, backed by deep experience and a skilled team, committed to delivering reliable support to every client.

## **Vision**



To set the standard in cooling tower care with forward-thinking solutions and trusted service.

## **Mission**



Delivering reliable cooling tower care that improves performance and maximize life span.





# Our Services

- 1 **Cooling Tower Customs Design & Installation.**
- 2 **Cooling Tower Maintenance and Repair.**
- 3 **Cooling Tower System Upgrades and Retrofits.**
- 4 **Cooling Tower Performance Test.**
- 5 **Cooling Tower Spare Parts Provider. (Gearbox, Fan Blade, Fan Stack, Drift Shaft, Spray Nozzle, Etc).**



# Our Services

- 6 Revamp, Overhaul, Coating & Upgrade Cooling Tower Parts.**
- 7 Cooling Tower Field Balance, Vibration Test and Alignment.**
- 8 Cooling Tower Fill Pack, Drift Eliminator Installation & Cleaning , Basin Cleaning.**
- 9 Emergency Response Services.**
- 10 Cooling Tower Warranty – Performance, Material, Services**

# Projects reference



## NOBEL NC CHAINAT

Cooling Tower Improvement

## AYUTHAYA BANK HEAD OFFICE BANGKOK

Cooling Tower Improvement

## MICHELIN MCL SARABURI

Cooling Tower Improvement

## SIAM SQUARE ONE BANGKOK

Cooling Tower Improvement

## IRPC UHV RAYONG

Cooling Tower Performance Test

## GJS STEEL CHONBURI

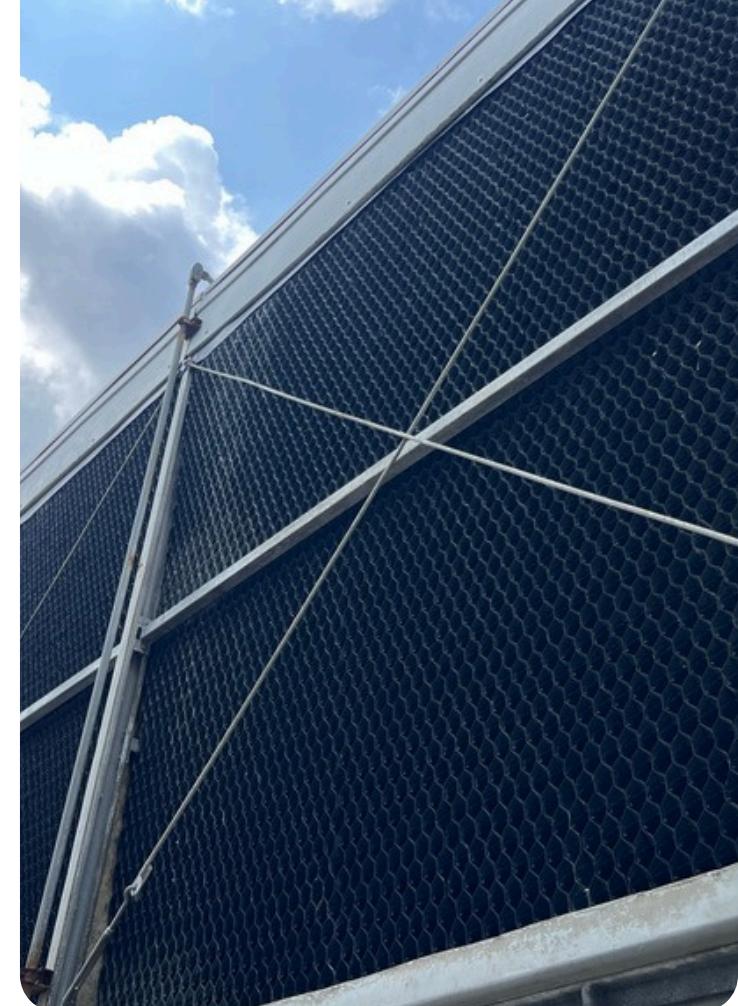
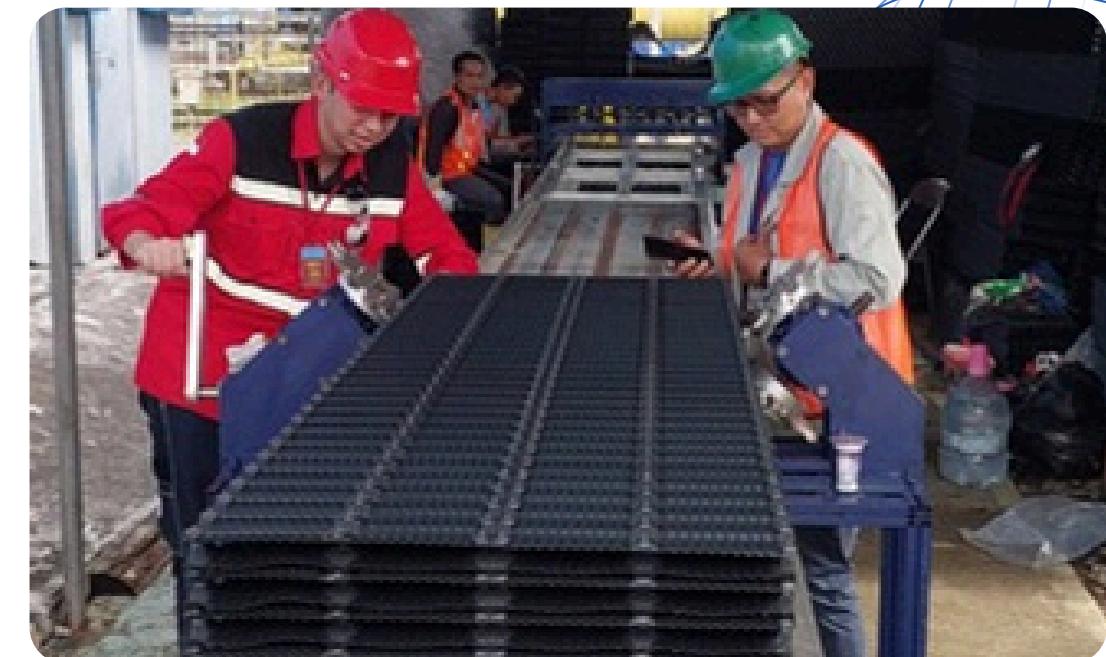
FRP Fan Stack Replacement

## SILATHONG ORGANIC BIOMASS KAMPHAENG PHET

Cooling Tower Improvement

## PT.PLN POWER PLANT INDONESIA

Supervision & Cooling Tower  
Improvement



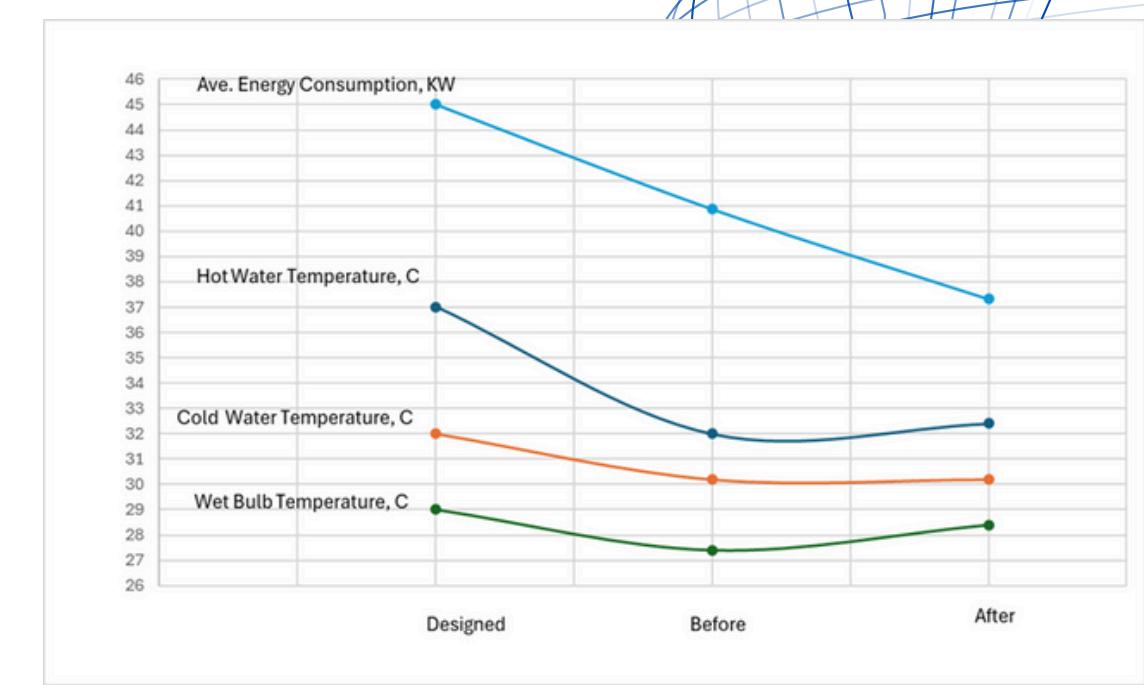
# Projects reference

## NOBEL NC CHAINAT

Cooling Tower Improvement by Replace Drift Eliminator Fan, Gearbox, Motor Inspection, Adjust & Alignment.



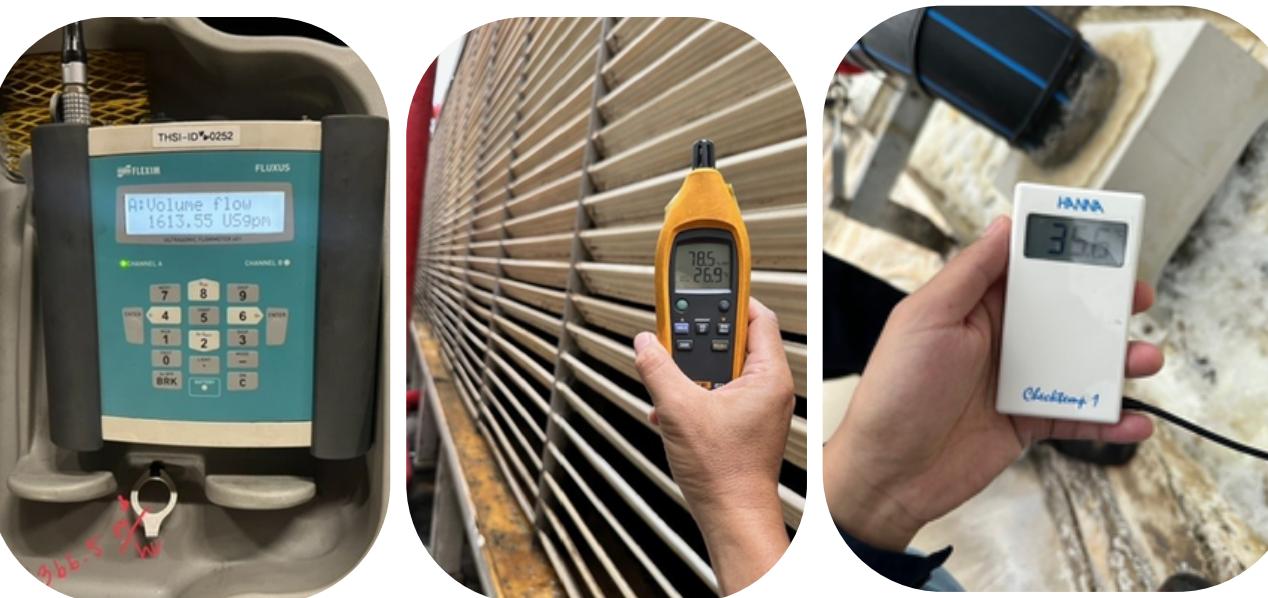
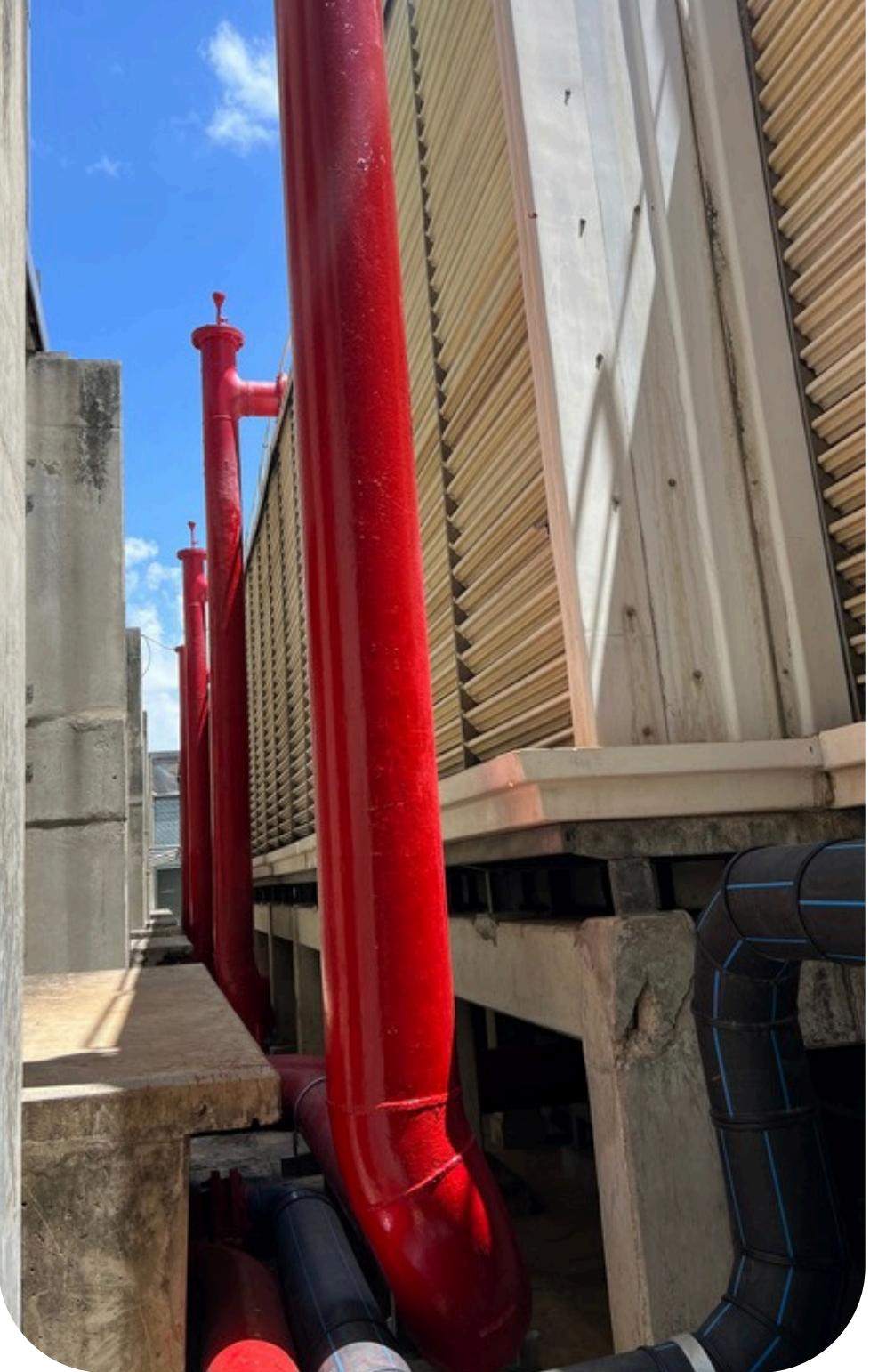
Performance Test.



# Projects reference

## AYUTHAYA BANK HEAD OFFICE BANGKOK

Cooling Tower Improvement by Replace Infill, Drift Eliminator, Spray Nozzle, Inspection Fanblade, Stack, Gearbox.



Tower Condition	Dewsigned/EXISTING	Operated 20Sep.2024
Thermal Conditions.		
Fills Type	Double CrossFlow Tower	Double CrossFlow Tower
Number of Cells	4	Cell 2 and Cell 3
Flow for 1cells, M3/Hr (2250 US GPM)	511.00	686.50
Total Flow for 1cells, M3/Hr (2250 US GPM)	2,044.00	343.25
Hot Water Temperature, C (100 F)	37.70	35.90
Cold Water Temperature, C (90 F)	32.20	30.10
Wet Bulb Temperature, C	28.33	26.90
Temperature Rang, C	5.50	5.80 C or 10.44 F
Approch Temperature, C	3.87	3.20
Power Require, KW	22.00	15.35
Fan. Dia, m	3.660	3.660
Air Travel, m	1.22	1.22
Cell Length, m	7.32	7.32
Fan Stack Height, m	1.83	1.83
<b>RESULT</b>		
Predicted Flow Rate to meet 100%, M3/Hr		380.30
Tower Capability @ Design Condition, %	100.00%	90.26%
Predicted CWT, C to achived 100% tower Capability, C		29.68

# Projects reference

## SIAM SQUARE ONE BANGKOK

Cooling Tower Improvement by Replace Infill, Drift Eliminator, Spray Nozzle, Inspection Fanblade, Stack, Gearbox.



Tower Condition	Existing (Design Condition with XF75)	Existing (Design Condition with XF75 and 5.5 KW motor)	Operated 08-Apr-2024
Fills Type	Double Crossflow Tower (Brentwood XF75)	Double Crossflow Tower (Brentwood XF75)	Double Crossflow Tower (Brentwood XF75)
Number of Cells	4	4	12
Total Flow , M3/Hr	681.40	681.40	1,128.00
Flow Rate for 1cells, M3/Hr	170.35	170.35	94.00
Hot Water Temperature, C	37.82	37.82	35.40
Cold Water Temperature, C	32.22	32.22	30.69
Wet Bulb Temperature, C	28.33	28.33	29.44
Temperature Rang, C	5.60	5.60	4.71
Approach Temperature, C	3.89	3.89	1.25
Power required , KW	7.50	5.50	5.72
Fan Dia, m	2.200	2.200	2.200
Air travel, m	1.220	1.220	1.220
Cell Length, m	2.440	2.440	2.440
Fan Stack Height, m	0.610	0.610	0.610
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<b>Result</b>			
Predicted Flow Rate to meet 100%, M3/Hr	681.40	615.30	1,078.37
Predicted Cold Water, C	32.22	32.84	30.8
Range, C	5.60	4.98	4.60
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Current Tower Capacity			105%

Table 1: Comparative data

# Performance Test

## TOOLS



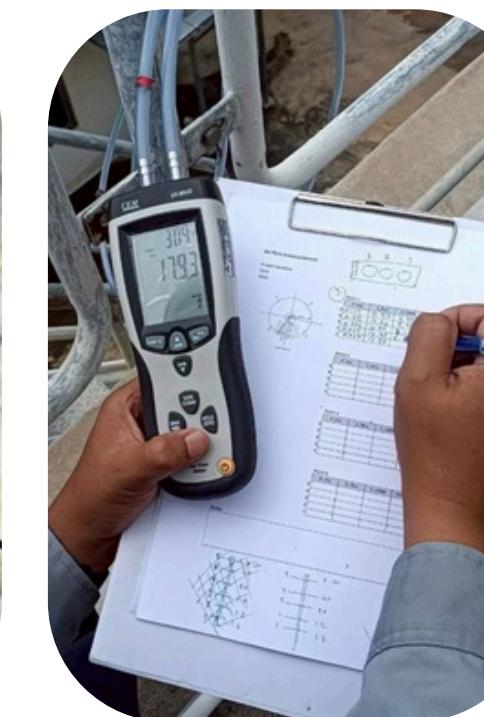
WATER FLOW METER



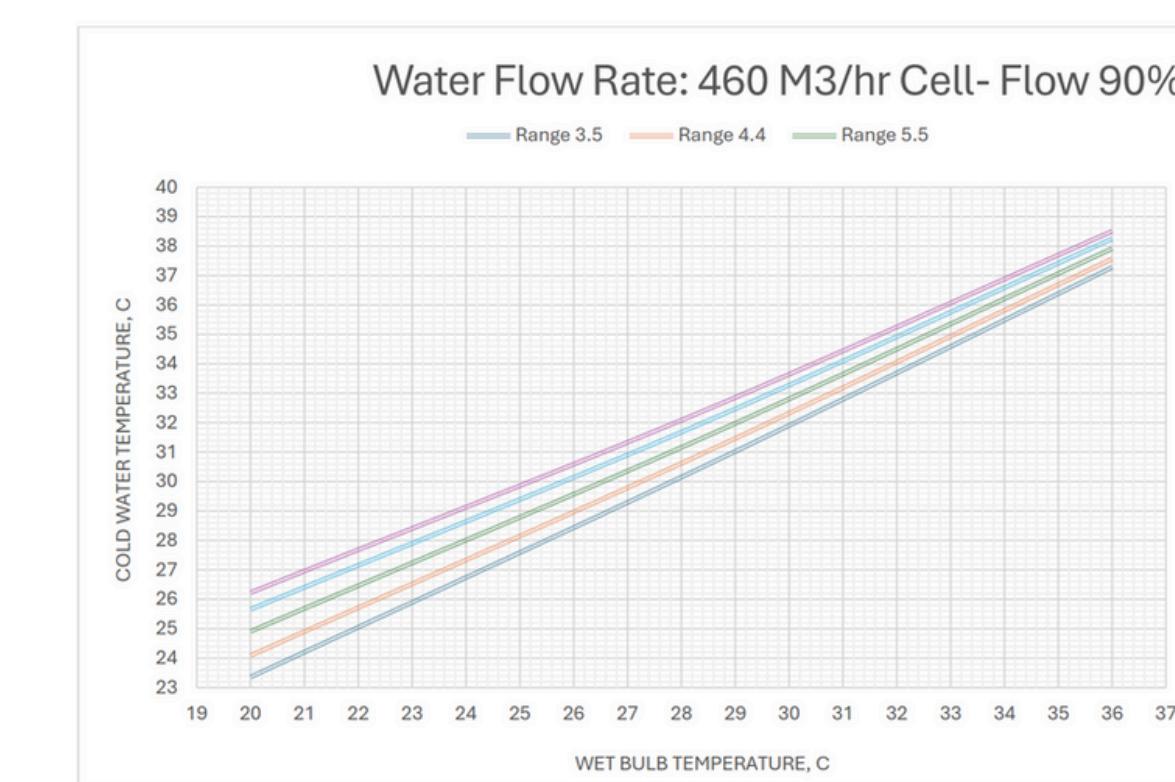
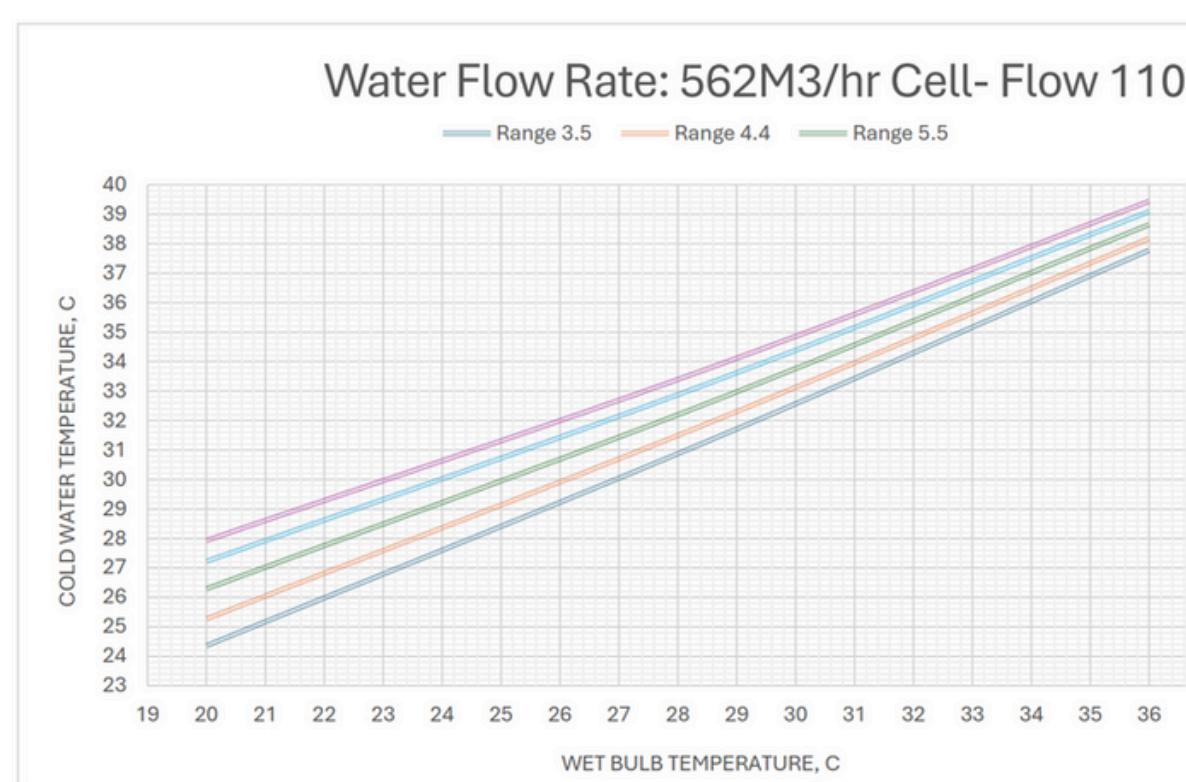
WBGT METER



WATER TEMPERATURE



AIR VELOCITY METER



# Our Products



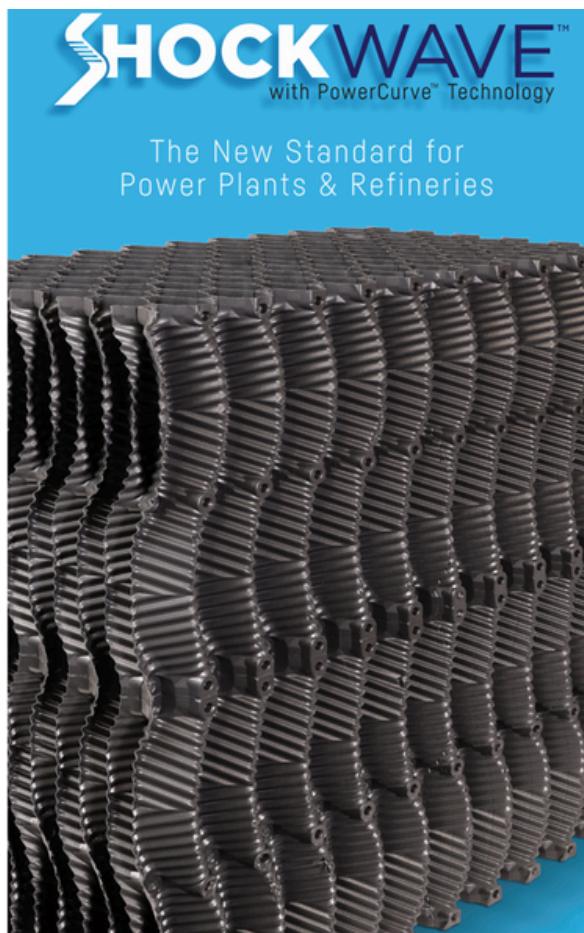
FRP Fan Stack



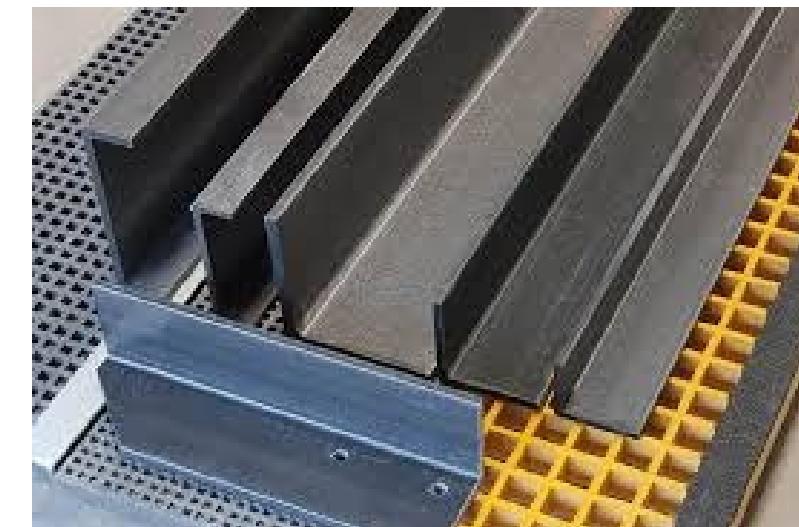
 **BRENTWOOD®**



Spray Nozzle



Fan Blade



FRP Structure



Gearbox



Composite Drift Shaft



Brentwood Drift Eliminator

**ACCU-PAC®**



# Contact Us



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