



COMPANY CREDENTIAL

SYNERGY SERVICES CO., LTD.

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- SERVICES
- PROJECT REFERENCE



ABOUT US

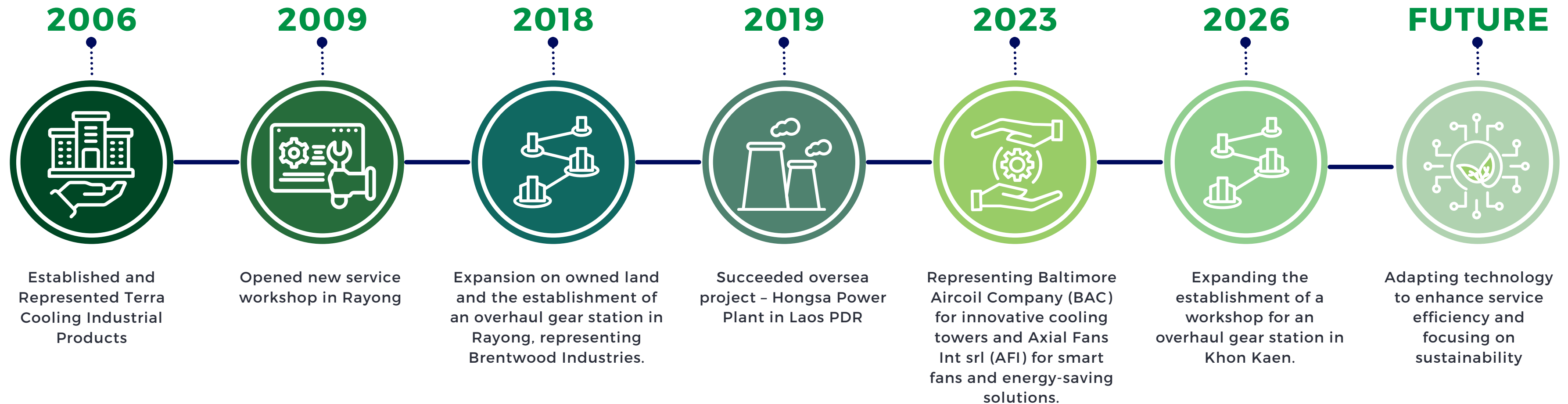
MILESTONE

OUR OFFICE

ORGANIZATION

SYNERGY

MILESTONE



OUR OFFICE



Bangkok head office

22/44 H-Cape Biz Sector On-nut, Sukhaphiban
2 Road, Prawet, Prawet, Bangkok 10250



Rayong workshop

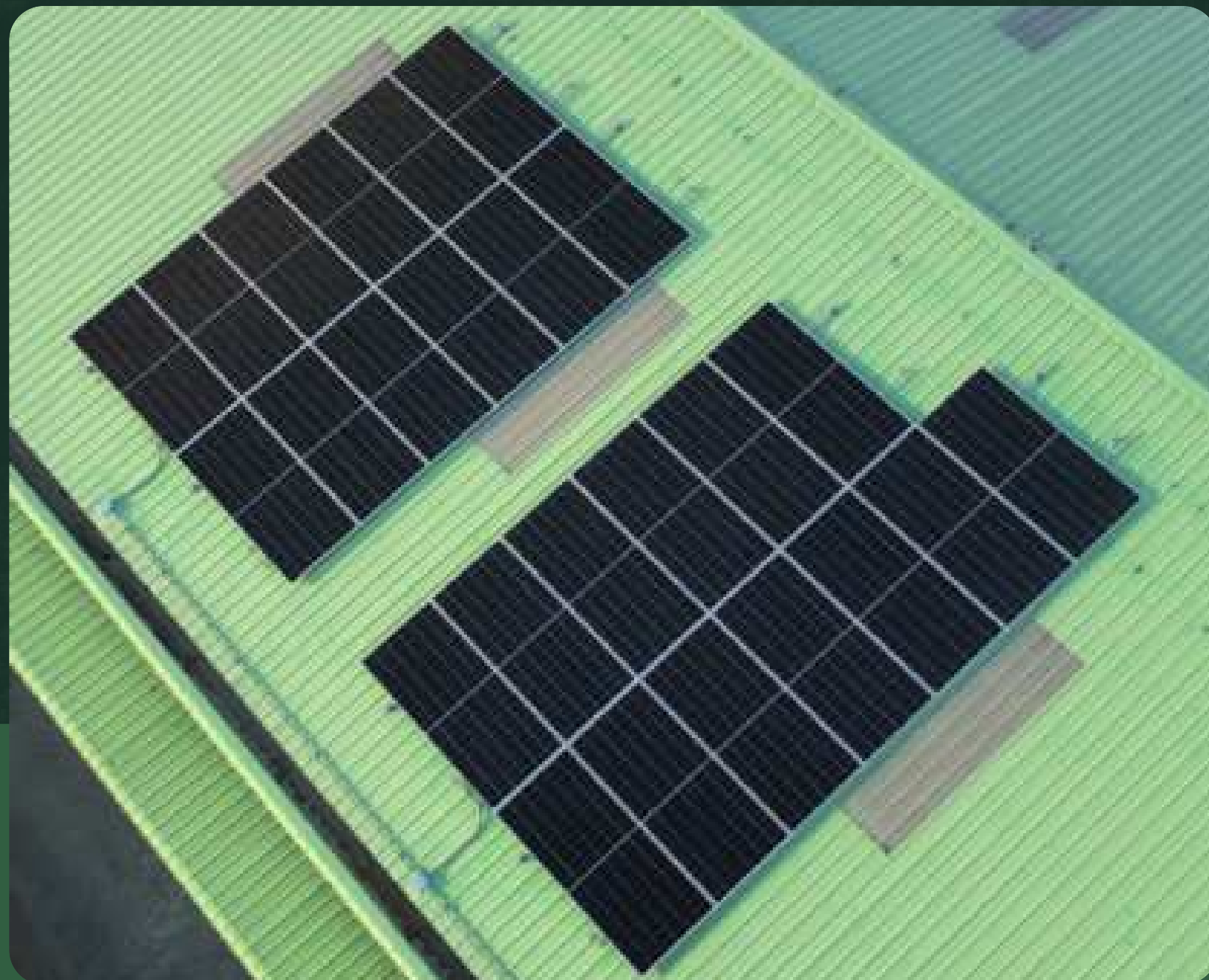
888/10, Moo 2, Phana Nikhom, Nikhom
Phatthana, Rayong 21180



Khonkaen workshop

371, Bueng Niam, Mueang Khon Kaen,
Khon Kaen 40000





GREEN INITIATIVES IN ACTION 2025

- Solar Power Integration
- Paperless Solutions
- Green Policy
- Other

Clean energy	CO ₂ reduction	Equivalent to planting
22,847	8.38	11
Units/year (1st year)	Tons/year	Trees/year

***Installation of Solar Power System 20 kWp at Workshop Rayong

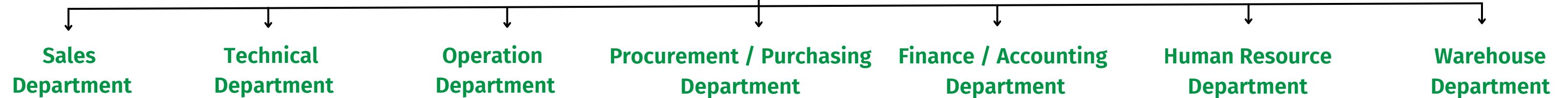
**Installation of Solar Power System at Bangkok head office

ORGANIZATION

Chief Executive Officer (CEO)

Khun Jintana Kunkanjanathorn

SHE



Project Manager (Shutdown Team)

K. Mano D.

Senior Engineer

- K. Chirarot

Service Engineer

- K. Waiyawit
- K. Manas
- K. Warachet
- K. Wanchai
- K. Phakawat

Foreman

- K. Somnuek
- K. Mongkhon
- K. Kansorn
- K. Krittanan

Service Manager (Long Term Team)

K. Sarawuth S.

Senior Engineer

- K. Worakul
- K. Piyanat

Service Engineer

- K. Suphachok

Supervisor

- K. Playchumpol

Foreman

- K. Virut
- K. Nikom
- K. Somchai

Service Manager (Overhaul Team)

K. Sarawuth S.

Service Engineer

- K. Thanakit

Supervisor

- K. Cherdchai

Foreman

- K. Anucha

PRODUCTS

GLOBAL PARTNERS

PRODUCT SUPPLY

NEW REVOLUTION

SYNERGY



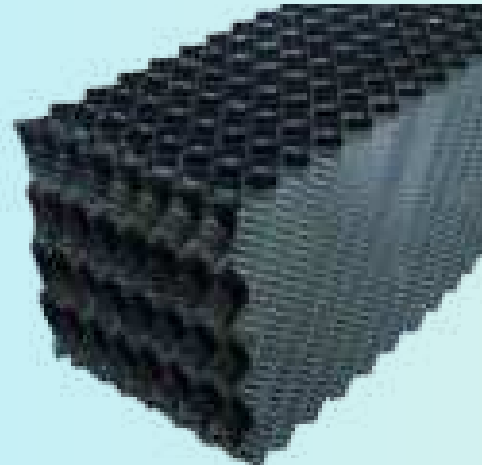
OUR GLOBAL PARTNERS AND MANUFACTURING LOCATIONS



**FILL
PACK**

**DRIFT
ELIMINATOR**





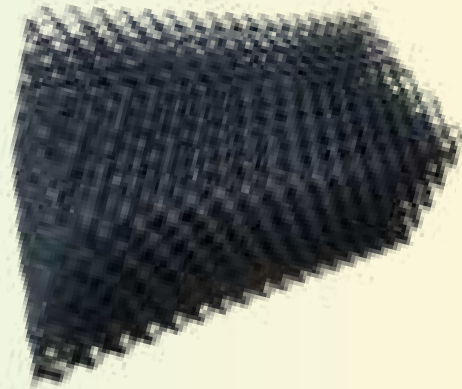
TCI-C-19CC



TCI-C-VOF20



TCI-C-BOF21



TCI-MF20



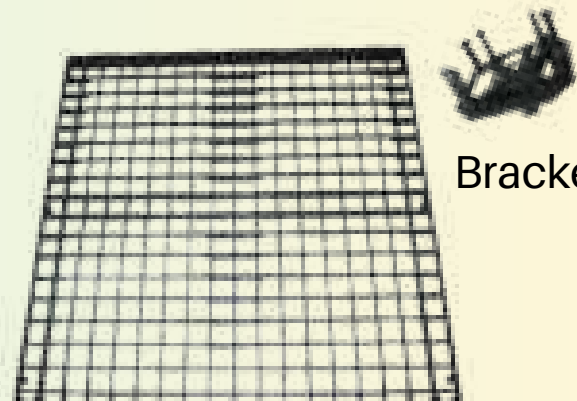
TCI-C-7500VF



TCI-7500G-610/19



TCI-X-SHW1000-HYB



TCI-915-Grid

Bracket



Blade type

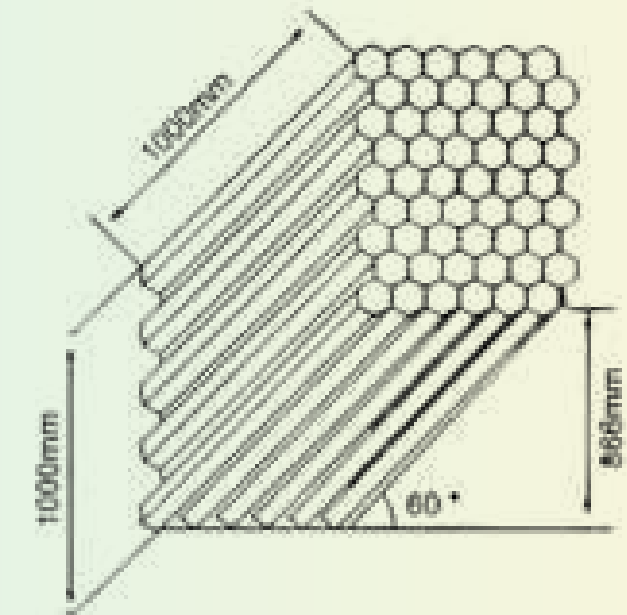


Cellular type

NOZZLE



**TUBE
SETTLER**



**FRP
COMPONENTS**



PRODUCT

• Fill Pack

- Vertical
- Vertical offset
- Cross corrugated

• Drift Eliminator

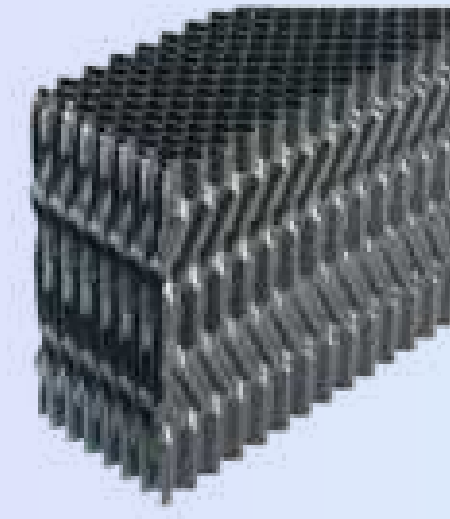
- Cellular
- Blade



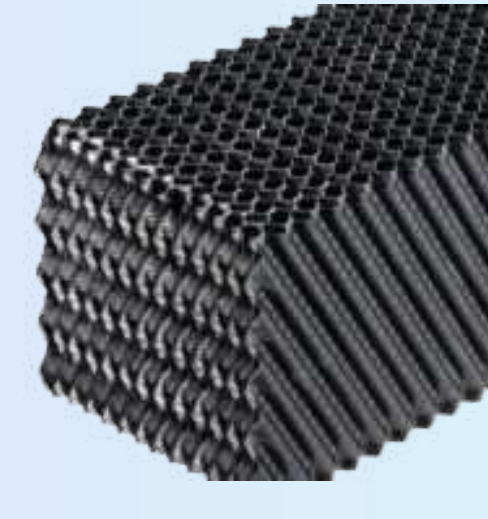
ShockWave



ThermaCross



OF21MA



CF1900MA



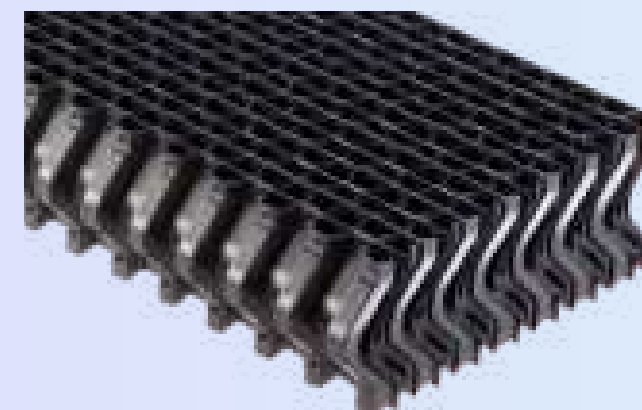
ANTI-MICROBIAL



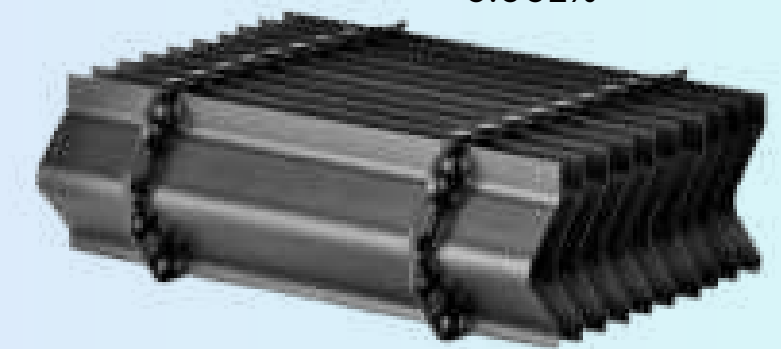
CF150MAX
0.001%



CF80MAX
0.0005%

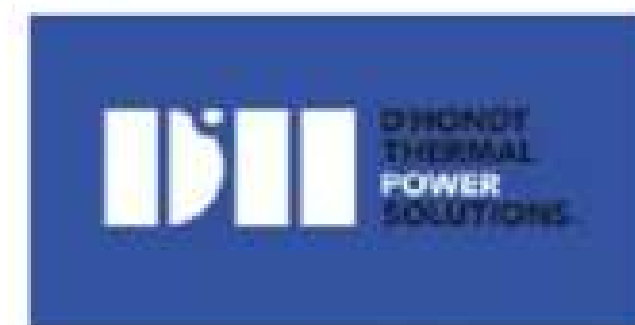


TAP 160
0.001%



Spare Parts

- Bundle Replacement
- Finned Tubes
- Plugs
- Belts



Services

- Upgrade
- Energy Saving
- Maintenance Package
- DryCleaning
- Coolingmist System

API 661

Hydrocarbon
processing

Gas treatment and
liquefaction

Gas transportation

NON API

Power Application

Data Centers

Coils for HVAC

Industrial Refrigeration





NEW UNIT



SPARE PARTS & SERVICES



DRIVE SHAFT



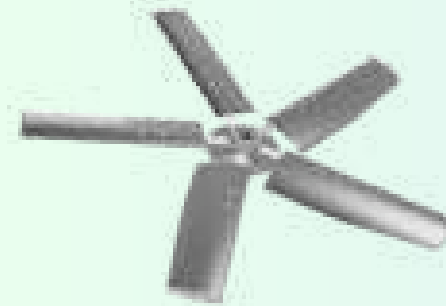
FLEXIBLE ELEMENT



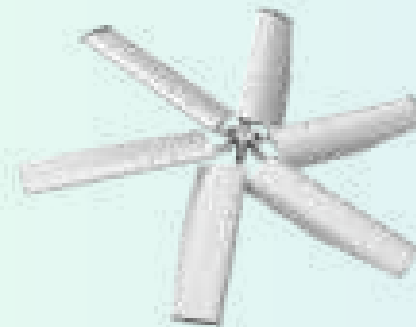
- New Unit
- Energy Saving
- Improve Performance



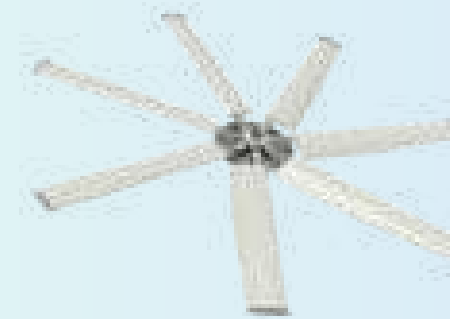
PRODUCTION OF FAN UNITS



SML SERIES
2.6 to 10 feet



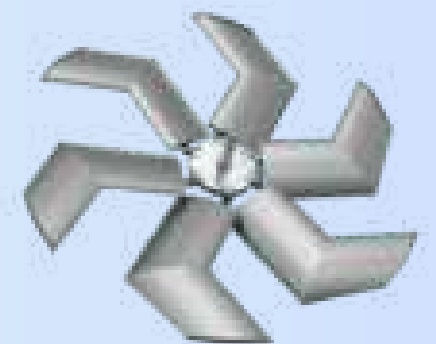
STD SERIES
7 to 16 feet



HD SERIES
10 to 23 feet



D SERIES
22 to 40 feet



REM SERIES
Low Noise
6 to 16 feet



SUPPLY

- Fan
- Gear/Belt
- EV Motor
- Pump
- Coil
- Fill Sheet
- Nozzles
- Other



**Open Cooling
Tower**

- *Comfort Cooling*
- *Data Centers*
- *Electronics & Pharmaceuticals*



Fluid Cooler

- *Light Industrial Process*
- *Pharmaceuticals*
- *Machine Cooling*



**Evaporative
Condenser**

- *Chemicals*
- *Industrial processing*
- *Industrial refrigeration*



**Ice Thermal
Storage**

- *Instant Cooling for Industrial*
- *District Cooling Plant*

NEW UNIT

MAINTENANCE PROGRAM

SPARE PARTS



ENDURA DRIVE

S3000 with Endura Drive
A Direct-drive Solution that Eliminates
Powertrain Systems in Cooling Towers

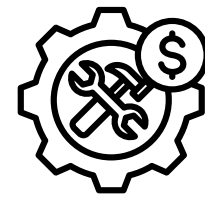


BALTIMORE AIRCOIL COMPANY



ENERGY SAVING

No gear or belt losses



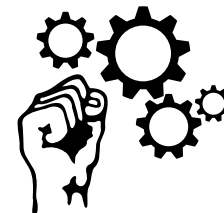
LOWEST MAINTENANCE COST

no inspections, oil testing, changes
for gear or belt



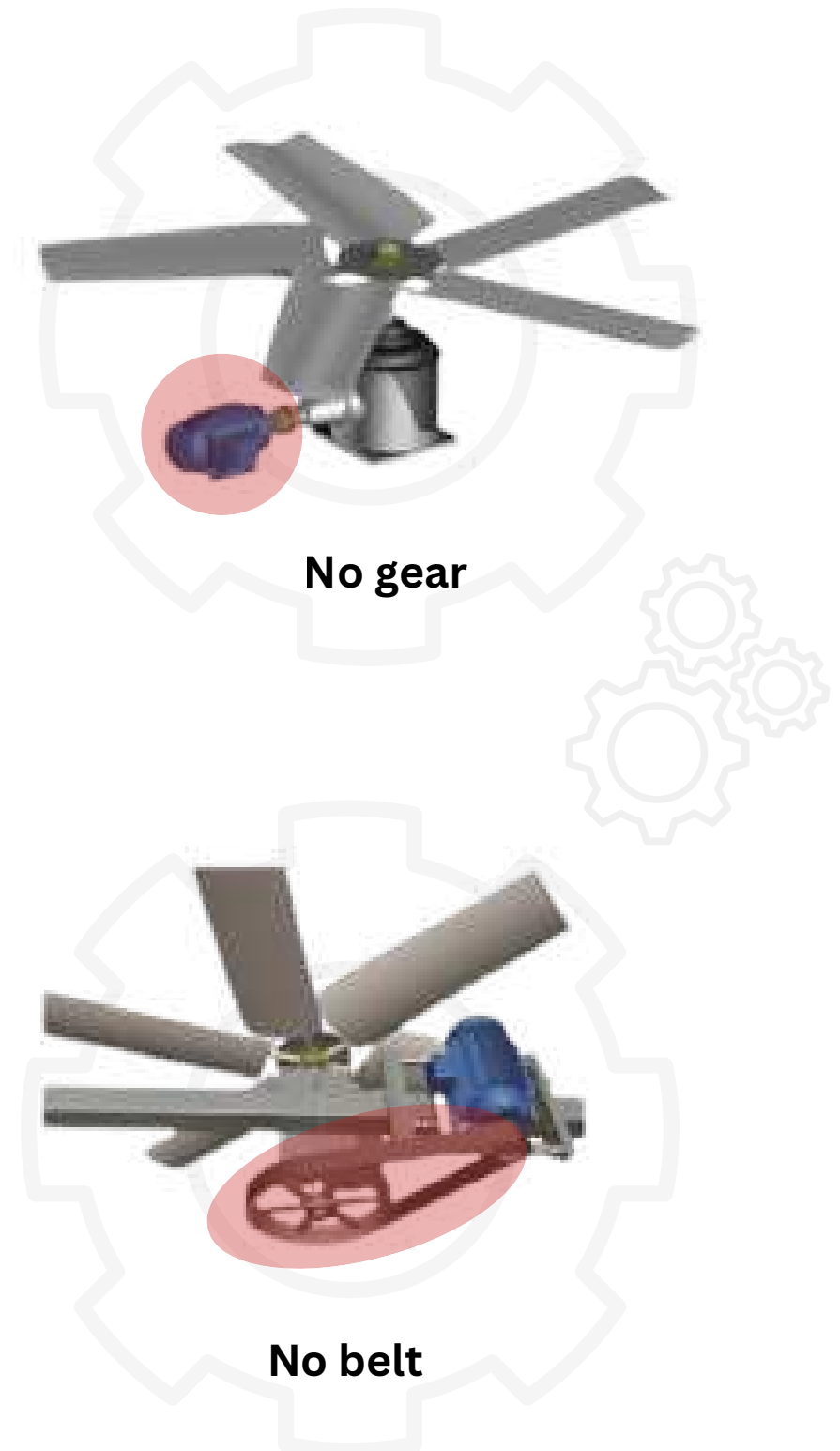
HIGHEST RELIABLE

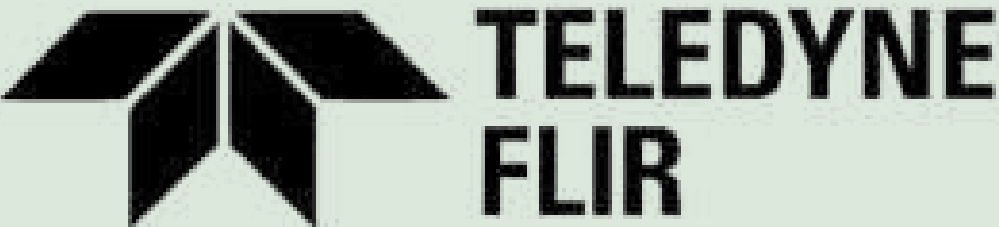
500+ installed



LARGEST SINGLE MODULE

Most efficient motor





- In-Camera Quantification
- Multi-recording
- Unmatched ergonomics
- Interchangeable lens options
- Wireless Connectivity



Gas	Chemical Name	Chemical Formula	Cooled Cameras					Uncooled Cameras	
			Gx320 G420 Gx620	G343	G346	G304	G306	GF77-LR	GF77-HR
Ammonia	Ammonia	NH ₃					H		M
Butane	Butane	C ₄ H ₁₀	H						
Carbon dioxide	Carbon dioxide	CO ₂		H					
Carbon monoxide	Carbon monoxide	CO			H				
Ethyl alcohol	Ethanol	C ₂ H ₅ O	H			L		L	M
Ethylene	Ethylene	C ₂ H ₄	M				H		M
Hydrocarbons	-	C _n H _n	H			L		M	
Methane	Methane	CH ₄	H					M	
Propane	Propane	C ₃ H ₈	H						
R22	Chlorodifluoromethane	CHCl ₂ F				H		M	
R134A	1,1,1,2-Tetrafluoroethane	C ₂ H ₂ F ₄				H		M	
R410A	R-32/125 (50%/50%)	50% CH ₂ F ₂ , 50% C ₂ H ₂ F ₄							
Sulfur dioxide	Sulfur dioxide	SO ₂						M	
Sulfur hexafluoride	Sulfur hexafluoride	SF ₆					H		M

Notes: This data is for reference only and should be confirmed by on-field testing at other sites. Camera gas detection sensitivity levels vary dependent on camera model. All uncooled FLIR cameras have a minimum sensitivity of "medium".

Legend: H: High sensitivity (<10 ppm x ml), M: Medium sensitivity (<150 ppm x ml), L: Low sensitivity (<250 ppm x ml), May be (requires field testing).

SERVICES

ONE STOP SERVICE

PROJECT LONG TERM

HIGHLIGHT PROJECT

SYNERGY

ONE STOP SERVICE

Inspection & Performance Test



Mechanical parts inspection and overall performance measurement

Overhaul & Maintenance Service



Maintenance for mechanical parts and static parts

Parts Replacement



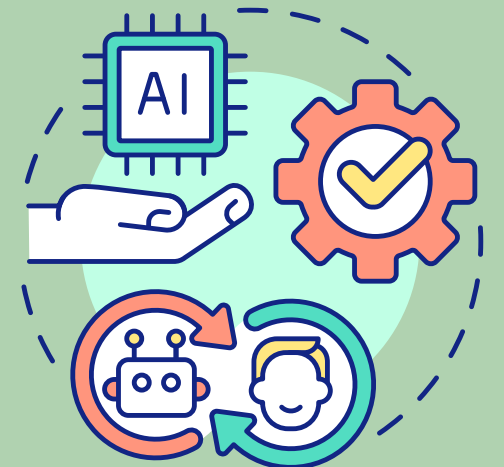
Including static parts and mechanical parts

Upgrade & Reconstruction



Redesign cooling towers to support desired performance

Innovation & Technology



Detailed inspection and gas detection



Petrochemical / Power plant / Oil & Gas



Food and Beverage / Biomass



Cement / Steel / Pulp paper, others



VALUED CLIENTS

Being approved vendor list
of 100+ companies

PROJECT LONG TERM



Gulf Group

Gulf Energy Development Public Company Limited

1st

- Gulf – 1 years contract 2020 to 2021
5 Power plants of cooling tower

2nd

- Gulf – 6 years contract 2022 to 2028
17 Power plants of cooling tower

Mechanical checks and adjustment, Overhaul gear, Inspect structure and nozzle, Cleaning Fill and DE

PROJECT LONG TERM



EGAT

Power for Thai Happiness

1st

- EGAT – 2 years contract 2018 to 2019
17 Power plants, 218 cells of cooling tower

2nd

- EGAT – 2 years contract 2022 to 2023
21 Power plants, 220 cells of cooling tower

Mechanical checks and adjustment, Overhaul gear,
Inspect structure and nozzle, Cleaning Fill and DE

PROJECT LONG TERM



Thai oil PCL.
Thai oil Public Company Limited

3 Years services contract
- Nov.Y2023 to Nov.Y2026
Fin Fan 600 Units
3M, 6M, 1Year Maintenance

PROJECT LONG TERM



Trans Thai-Malaysia (Thailand) Co.,Ltd.

- **3 Years contract for PM Finfan Services (2017 to 2020)**
60 Fans of Air Cooled Heat Exchanger (ACHE)
PM services and corrective maintenance
- **1 Year contract for PM Finfan Services (2025)**
60 Fans of Air Cooled Heat Exchanger (ACHE)
PM services and corrective maintenance

PROJECT LONG TERM



- 2 Years contract for PM Finfan Services (2025-2026)
- 814 Unit PM services and corrective maintenance

PROJECT LONG TERM



PRICE LIST CONTRACT

1 year, 2022 - 2025 (7 plants)

- | | |
|--------|---------|
| 1. TPC | 5. RIL |
| 2. MOC | 6. TPR |
| 3. ROC | 7. TMMA |
| 4. TPE | |

PROJECT REFERENCE

NEW COOLING TOWER

References: New cooling tower and reconstruction



New FRP Counterflow CT at TRR Group

- Plants: Wang Muang (16 cells)
- Plants Bung Samphan (10 cells)
- Plants Sabot (10 cells)
- Total : 36 cells



References: New cooling tower and reconstruction



New Concrete Cooling Tower



New Concrete Cooling Tower



New Package Cooling Tower



New Package Cooling Tower



Reconstruction Cooling Tower



Reconstruction Cooling Tower



New Package Cooling Tower



References: New cooling tower replacement



Thai Asia Pacific Brewery Co., Ltd.

Project : Remove and Replacement
Evaporative Condenser

Model : FXV-0812B-20D-M



PROJECT REFERENCE

REPLACEMENT

CLEANING

PERFORMANCE TEST



References: Fill pack & Distribution system replacement

Hongsa Power is an 1,878-megawatt (MW) coal-fired power station in Xaignabouri, Laos. This is the only power plant in South East Asia that uses 3 units of Natural Draft Cooling Tower for its cooling process.

HONGSA
POWER



References: Tube Settler Replacement - Clarify Tank

Customer: Hongsa Power Plant (Laos)

Qty: Four Tanks

HONGSA
POWER



References: Tube settler replacement for clarify tank

Customer: GGC KTIS Bioindustrial Company Limited (Thailand)

Qty: 2 Tanks



References: Fill pack replacement



MAP TA PHUT OLEFINS CO., LTD. (MOC)



RAYONG OLEFINS CO.,LTD. (ROC)



THAI POLYETHYLENE CO., LTD. (TPE)



THAI PLASTIC AND CHEMICALS PUBLIC CO., LTD (TPC)



References: Grid and Mesh Fill replacement



Sugar Cristalla Company Limited
Model : TCI-915-Grid



Asia Cement Public Company Limited
Model : TCI-MF20



Rajburi Sugar Company Limited (RSC2)
Model : TCI-MF20



References: Fill pack replacement



References: Gearbox replacement & overhaul



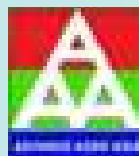
ปูนซีเมนต์เอเชีย
Asia Cement



References: Fan blade replacement & coating



References: Cleaning cooling tower



ปูนซีเมนต์เอเชีย
Asia Cement



References: Performance test & airflow test



NIPPON STEEL
NS-SUS



Contact Us



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