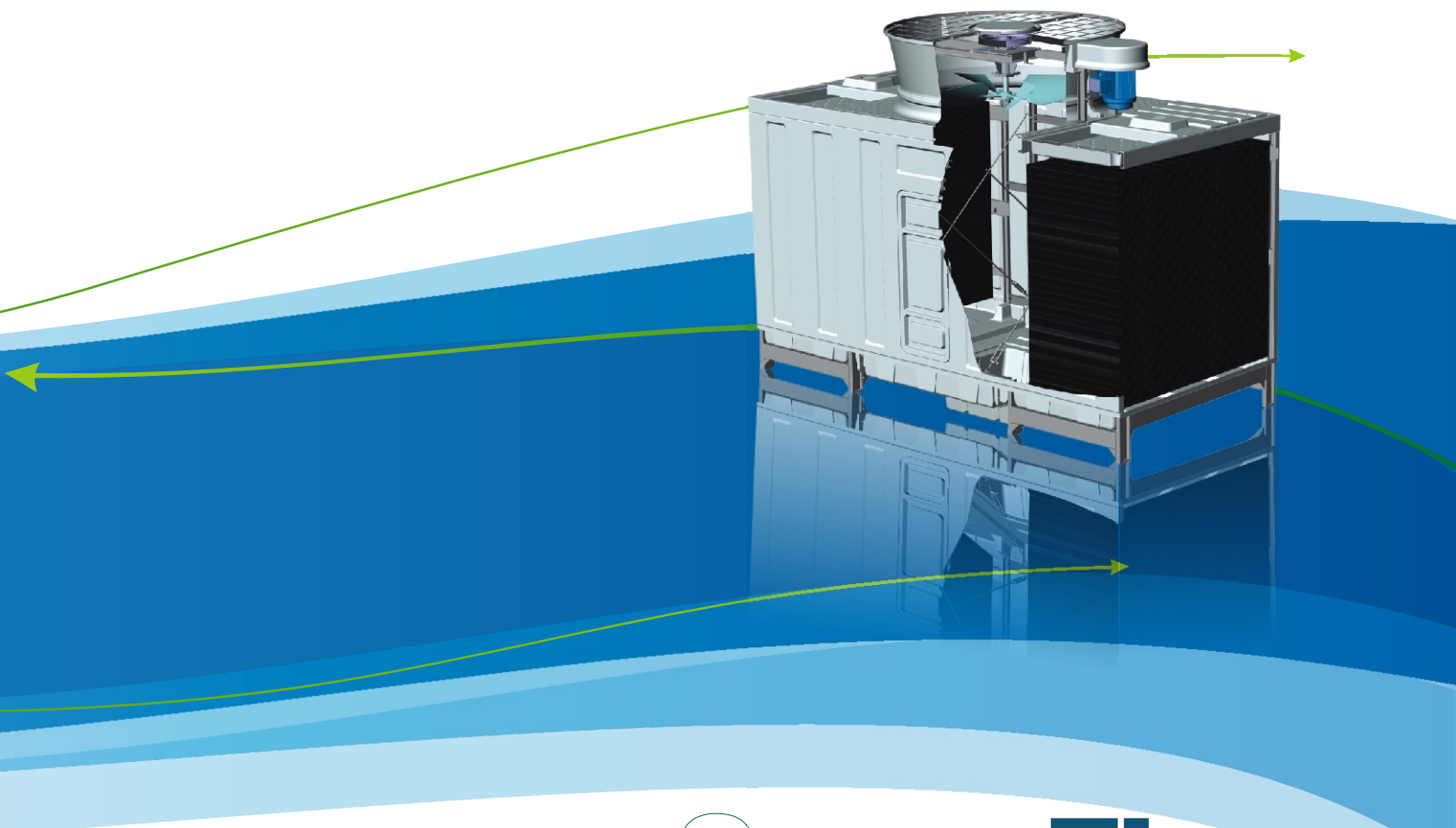


SF^{SERIES}NG
**OPEN CIRCUIT DOUBLE
CROSSFLOW COOLING TOWER**

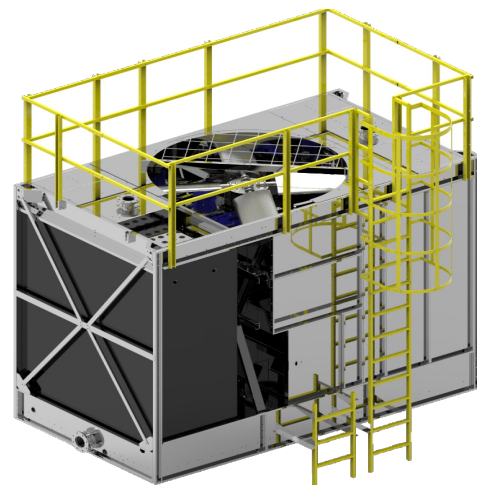


SupraFlux
COOLING TECHNOLOGY

Technological Innovation

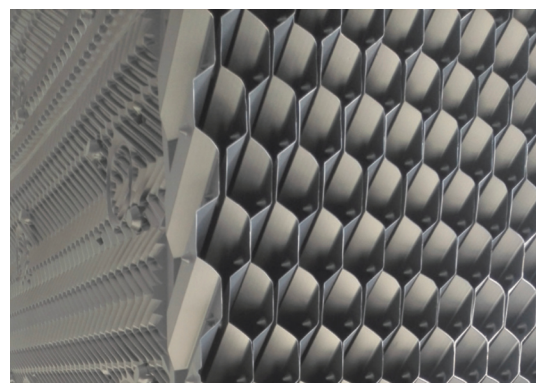
Overview

- ❖ Cover 150 to 1500 CRT with a single cell.
- ❖ Patented high-efficiency infill applied.
- ❖ High-efficiency air-foil axial fan applied.
- ❖ Corrosion-resistant casing applied.
- ❖ Easy transportation & installation.
- ❖ CTI CERTIFIED COOLING PERFORMANCE.



Patented high-efficiency Infill

- ❖ Infill with integral drift eliminators applied.
- ❖ Patented wave and tilting design ensures the largest thermal exchange surface, optimizing both cooling efficiency and space.
- ❖ Minimized winter freezing by reducing water splashing.



High Efficiency Infill

Low Noise & High Efficiency Fan

- ❖ Quite operation.
- ❖ Standard corrosion resistant aluminum fan.
- ❖ (OPTION) Low noise FRP PowerFan[®] available.



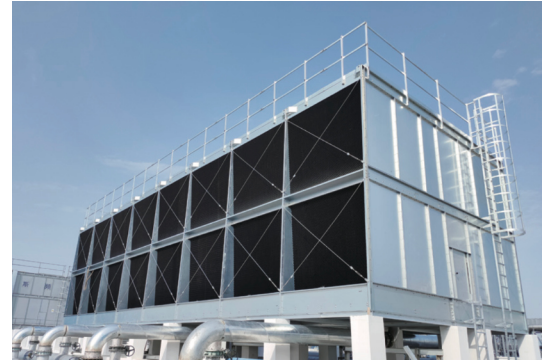
High Efficiency Fan

Corrosion-resistant casing

- ❖ Standard FRP casing.
- ❖ (OPTION) Zn-Al-Mg alloy steel casing available.
- ❖ (OPTION) Stainless steel casing available.

Compliance with OSHA Standards

- ❖ Fan guard for fanstack is provided as a standard.
- ❖ Cage ladder and handrail are provided as a standard.



Cage ladder and handrail

Easy Installation

- ❖ Pre-assembly at the factory before delivery. (up to SF-600)
- ❖ Provide rigging guides for ensuring proper alignment and reducing rigging time.
- ❖ (OPTION) Easy connect sump-pit is available.
- ❖ (OPTION) Basinless tower is available.



Export as pre-assembly

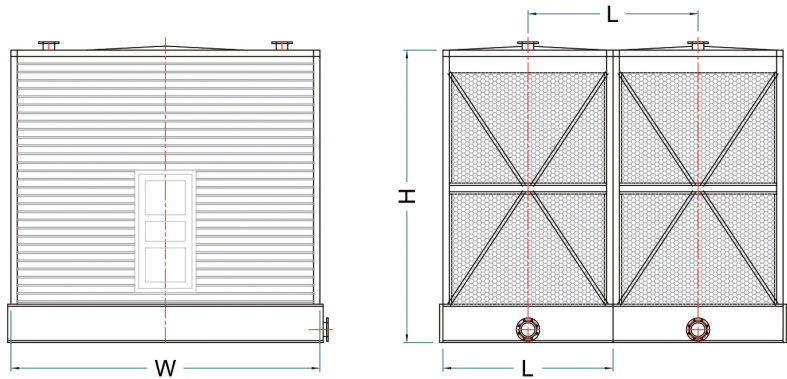
Easy Maintenance

- ❖ Non-clog and easy-to-exchange nozzles.
- ❖ Provides large internal access doors and inspection platforms for maintenance during operation.
- ❖ Hinged access doors allow easy entry into the tower and are designed for convenient passage between cells when configuring a multi-cell system.
- ❖ Easily ascend to the top for maintenance through the standard cage ladder.



Inspection platforms in the tower

SF^{SERIES}NG
OPEN CIRCUIT DOUBLE
CROSSFLOW COOLING TOWER



MODEL	FLOW RATE	POWER	S. WEIGHT	OP. WEIGHT	LENGTH	WIDTH	HEIGHT
SF	m3/h	kW	kg	kg	mm	mm	mm
150	117	2,2	1230	2560	2160	3860	3580
200	156	4	1480	2760	2620	4300	3170
250	195	7,5	1480	2760	2620	4300	3170
300	234	4	2710	5290	3020	5320	3580
350	273	7,5	2710	5290	3020	5320	3580
400	312	7,5	2960	5300	3020	5320	3990
450	351	11	2960	5300	3020	5320	3990
500	390	11	3170	6530	3420	5710	3990
550	429	15	3170	6530	3420	5710	3990
600	468	11	4120	7520	3880	6180	4400
650	507	15	4120	7520	3880	6180	4400
700	546	18,5	4120	7520	3880	6180	4400
750	585	18,5	4620	8020	3880	6180	5220
800	624	22	4620	8020	3880	6180	5220
850	663	15	5150	10600	4070	7000	5220
900	702	18,5	5150	10600	4070	7000	5220
950	741	22	5150	10600	4070	7000	5220
1000	780	22	5600	11650	4580	7380	5220
1100	858	30	5600	11650	4580	7380	5220
1200	936	30	6120	13700	4580	7380	6040
1300	1014	37	6120	13700	4580	7380	6040
1400	1092	30	7120	15600	5080	7860	6040
1500	1170	37	7120	15600	5080	7860	6040



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