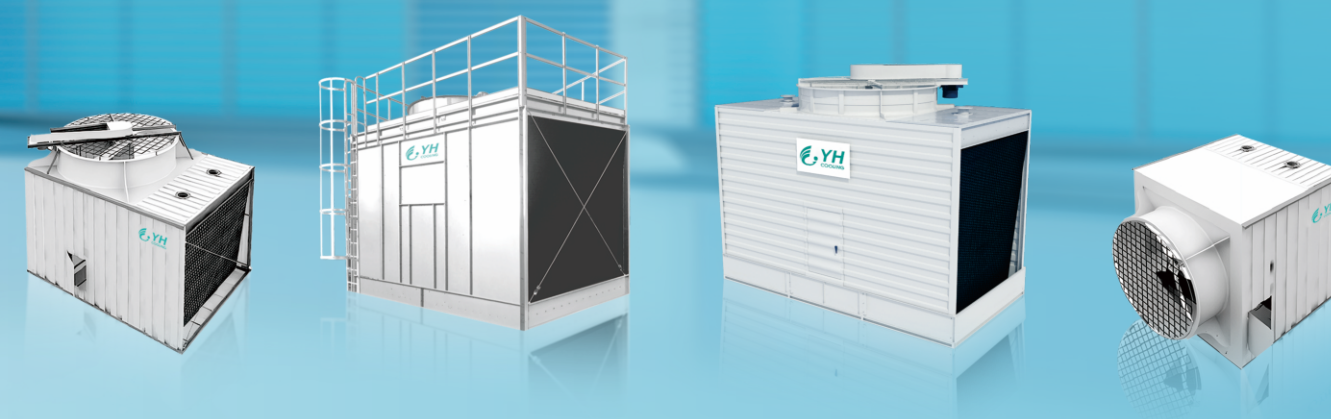


OPEN CIRCUIT PRODUCT CATALOG COOLING TOWER



|| Better Performance. Greater Value. ||

Hunan Yuanheng Technology Co., Ltd.



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Fax: 0731-8541 6379

Add: Huiyi Cultural and Creative Center, Xiangfu East Road, Changsha City, Hunan Province, China

The product pictures and models, data, functions, performance, specifications, etc. in this catalog are for reference only, and we may make improvements to the above content without prior notice.

YHKJ202503/50C



Lower TCO



Thermal performance
guaranteed



Water-saving



Energy-saving



High quality
Fast delivery



Worry-free installation
Worry-free service

YH is Constantly
Innovating.

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About YH



Mission

Close to customer needs
and create value for customers



Vision

To be the world's leading supplier of
cooling equipment and solutions



Values

Innovation oriented, quality established,
mutual benefit and mutual sharing

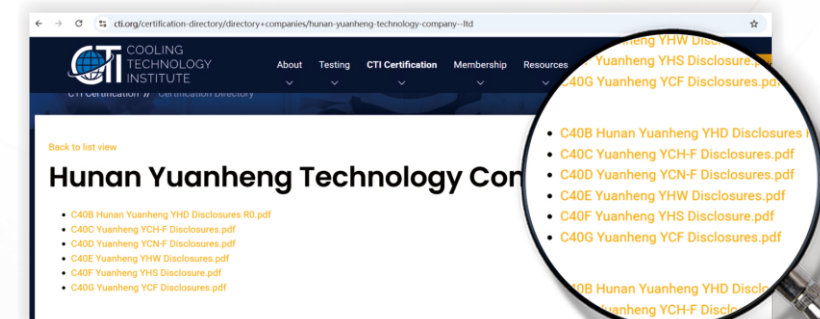
Overview

- YH cooling is a professional manufacturer of cooling towers and central air conditioners integrating R&D production, sales and service.
- YH has 225 patented technologies and has built a large-scale, technologically advanced cooling equipment testing platform.
- YH is headquartered in Changsha city and has production and R&D bases in Xiangyin, Hunan Province and Lu'an, Anhui Province.
- YH cooling tower thermal performance, water drift rate, power consumption ratio, noise and other key technical indicators are at the internationally advanced level.
- YH cooling tower products and services are available in more than **50** countries worldwide.



Qualification and Certification

INDEPENDENTLY CERTIFIED BY THE COOLING TECHNOLOGY INSTITUTE



Standard Drafter

Drafting Entity of Cooling Tower National Standard

Drafting Entity of Cooling Tower Energy-saving Technical Specification

Drafting Entity of Regional Cooling System Engineering Design Specification

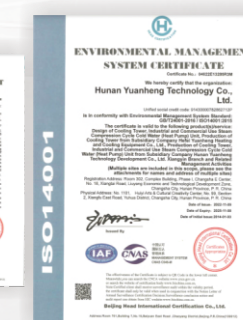
CE CERTIFICATE



MANAGEMENT SYSTEM CERTIFICATE



Quality

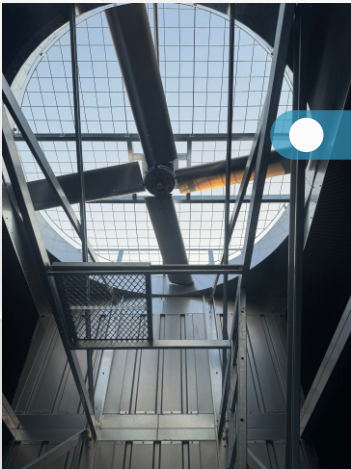


Environmental



Occupational

Features ++++++



High Efficiency Fan

- Patented streamlined airfoil fan
- Design of high-efficiency area of fan characteristic curve
- Blade tip linear speed design is less than 60m/s
- Strictly control the air gap accuracy of the fan blade tip

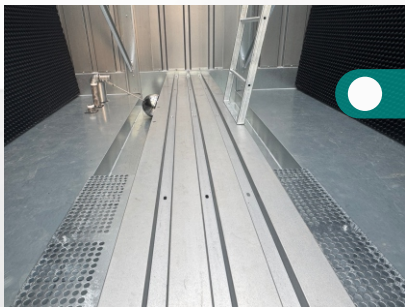
System Structure + Construction

- High quality hot dipped galvanized steel
- Overall column, beam and diagonal brace design
- Computer solid model verification
- Level 12 typhoon load, resistance to level 8 earthquake



Uniform Water Distribution

- Various types of water distribution nozzles
- Right triangular layout design
- Reasonably optimize the spacing and quantity of nozzles
- Optional variable flow nozzle

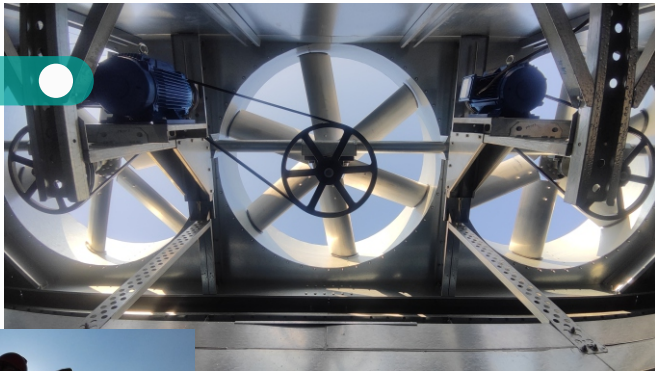


Corrosion-resistant Water Collection Basin

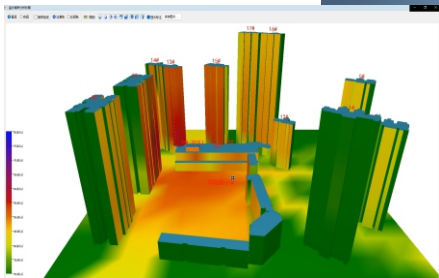
- Patented technology for water collection basins
- High leakage prevention reliability, and the basin bottom is highly corrosion-resistant
- Lowest point sewage discharge design
- Water make-up design adopts adjustable float valve control

Transmission System

- Fully enclosed waterproof and low-noise motor, multiple options available to meet special needs
- Multi-slot transmission type anti-slip belt
- High-precision reducer, NSK bearings
- Optional gear reducer drive and direct drive



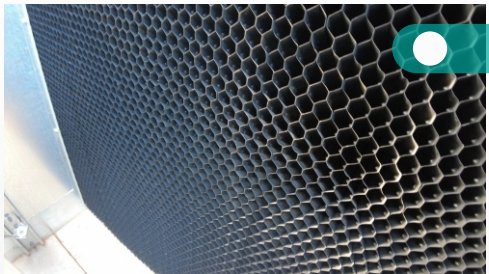
Noise Control



- Computer simulation to rationally arrange the location and orientation of cooling towers

- Operation adjustment of multiple cooling towers/adjustment and control of two-speed motors and variable frequency motors
- Low noise fan/ultra low noise fan optional
- Install air intake and exhaust mufflers and other measures

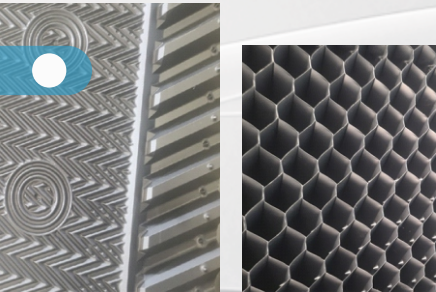
Filling



- Self-extinguishing characteristics and ultra-high fire-proof level
- UV-resistant and extremely weather-resistant
- Ridge surface design
- Strictly follow the heat dissipation KaV/L characteristic curve and voltage drop characteristic curve

Anti Drifting

- Highly effective water blocking design in the spray area
- The filling inlet and outlet have honeycomb bonding edges
- Filling hanging design, and the hanging points are reinforced with multiple circles
- Suspension support flat design

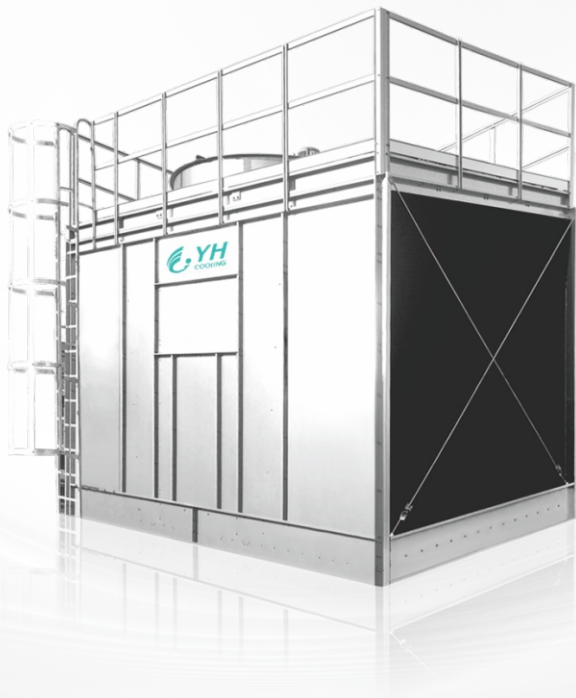


Water Circulation



- The inlet and outlet are designed with optimal pipe diameters strictly in accordance with the economic flow rate of pipeline transmission and distribution
- Large water storage basin, bottom wedge-shaped suspended central cylinder design
- Pull-out stainless steel filter
- Optional internal pipe connection method ensures balanced water distribution on both sides of a single tower

YHS Cross-flow All-steel Cooling Tower

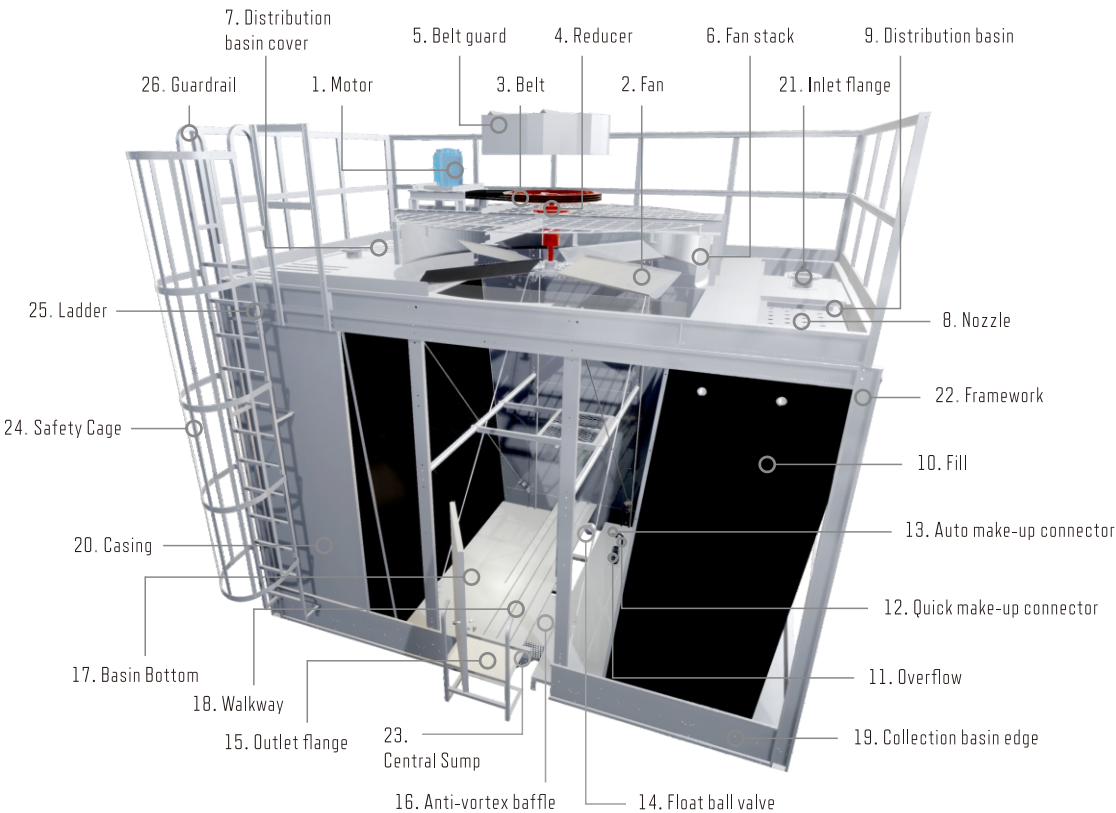


All-steel

CTI Certified

Pre-assembly

Structure



Model Description

①		②	③	④
YHS	-	2802	P	*cell no.

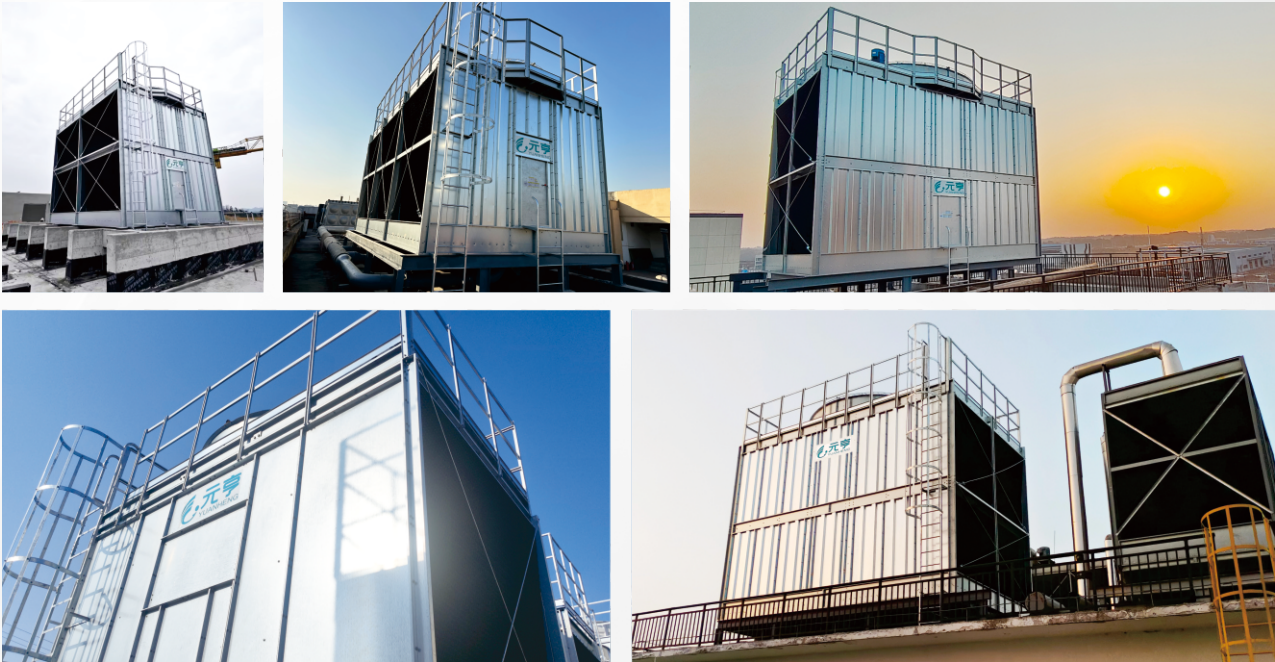
- ① **Product line:** YHS line open-circuit cross-flow cooling tower
- ② **Product module:** indicates a module number
- ③ **Motor code:** represents the type of motor equipped
- ④ **The number of cells:** when more than 1 cell is assembled, it means the number of assembled cells; Blank indicates a single cell

Example:

YHS-2802P *2 represents YHS line cross-flow cooling tower 2802 module, motor power of 7.5kW(code P), the number of assembled cells is 2.

Remarks:

Cooling tower casing, collection basin, distribution basin, fan stack, structural parts and other components materials are not reflected in the model name, customers can choose according to actual needs, and detailed in the order or related documents.



Parameter +++++++

Model	Flow rate	Dynamic system		Tower size				Pump head	Weight		Port diameter						Sump type
		Rated power	Fan diameter	Tower length	Tower width	Tower Height h	Tower Height H		Dry weight	Maximum operating weight	Inlet	Outlet	Over flow	Auto make-up	Quick make-up	Drain	
	m³/h	kW	mm	mm	mm	mm	mm		kg	kg	DN	DN	DN	DN	DN	DN	
YHS-2200C	76	1.1	2200	2400	3470	3250	3650	4.1	1800	3905	1-150	150	80	25	\	50	①
YHS-2200E	100	2.2	2200	2400	3470	3250	3650	4.1	1830	3935	1-150	150	80	25	\	50	①
YHS-2200L	130	5.5	2200	2400	3470	3250	3650	4.1	1900	4005	1-150	150	80	25	\	50	①
YHS-2201S	155	3	2200	2400	4640	3250	3650	4.1	2415	5070	2-150	200	80	25	25	50	②
YHS-2201M	175	4	2200	2400	4640	3250	3650	4.1	2445	5100	2-150	200	80	25	25	50	②
YHS-2801M	201	4	2800	3000	5240	3040	3440	3.9	2935	6640	2-150	200	80	25	25	50	②
YHS-2202L	200	5.5	2200	2400	4640	3660	4060	4.5	2645	5300	2-150	200	80	25	25	50	②
YHS-2801L	228	5.5	2800	3000	5240	3040	3440	3.9	2970	6675	2-150	200	80	25	25	50	②
YHS-2202P	227	7.5	2200	2400	4640	3660	4060	4.5	2700	5355	2-150	200	80	25	25	50	②
YHS-2801P	253	7.5	2800	3000	5240	3040	3440	3.9	3020	6725	2-150	200	80	25	25	50	②
YHS-2202Q	257	11	2200	2400	4640	3660	4060	4.5	2755	5410	2-150	200	80	25	25	50	②
YHS-2802P	280	7.5	2800	3000	5240	3660	4060	4.5	3310	7015	2-150	200	80	25	25	50	②
YHS-2803P	302	7.5	2800	3000	5240	4280	4680	5.1	3590	7295	2-200	250	80	25	25	50	②
YHS-2802Q	310	11	2800	3000	5240	3660	4060	4.5	3375	7080	2-200	250	80	25	25	50	②
YHS-2203R	300	15	2200	2400	4640	4070	4470	4.9	3045	5700	2-200	250	80	25	25	50	②
YHS-3401P	351	7.5	3400	3600	6450	3870	4270	4.7	4695	11055	2-200	250	80	25	25	50	③
YHS-2804Q	353	11	2800	3000	5240	4900	5300	5.7	3925	7630	2-200	250	80	25	25	50	②
YHS-2802R	350	15	2800	3000	5240	3660	4060	4.5	3490	7195	2-200	250	80	25	25	50	②
YHS-3401Q	400	11	3400	3600	6450	3870	4270	4.7	4760	11120	2-200	250	80	25	25	50	③
YHS-2804R	402	15	2800	3000	5240	4900	5300	5.7	4040	7745	2-200	250	80	25	25	50	②
YHS-2803V	404	18.5	2800	3000	5240	4280	4680	5.1	3810	7515	2-200	250	80	25	25	50	②
YHS-3402R	464	15	3400	3600	6450	4480	4880	5.3	5240	11600	2-200	250	100	50	50	80	③
YHS-3401V	462	18.5	3400	3600	6450	3870	4270	4.7	4930	11290	2-200	250	100	50	50	80	③
YHS-2804K	453	22	2800	3000	5240	4900	5300	5.7	4130	7835	2-200	250	100	50	50	80	②
YHS-3403R	503	15	3400	3600	6450	5100	5500	5.9	5795	12155	2-200	300	100	50	50	80	③
YHS-3402V	508	18.5	3400	3600	6450	4480	4880	5.3	5345	11705	2-200	300	100	50	50	80	③
YHS-3401K	500	22	3400	3600	6450	3870	4270	4.7	5010	11370	2-200	300	100	50	50	80	③
YHS-4002R	562	15	4000	4200	7050	5100	5600	5.9	6805	14940	2-200	300	100	50	50	80	③
YHS-3404V	554	18.5	3400	3600	6450	5720	6120	6.6	6235	12595	2-200	300	100	50	50	80	③
YHS-3403K	560	22	3400	3600	6450	5100	5500	5.9	5890	12250	2-200	300	100	50	50	80	③

The drawing of sump type is detailed on the next page -----↑

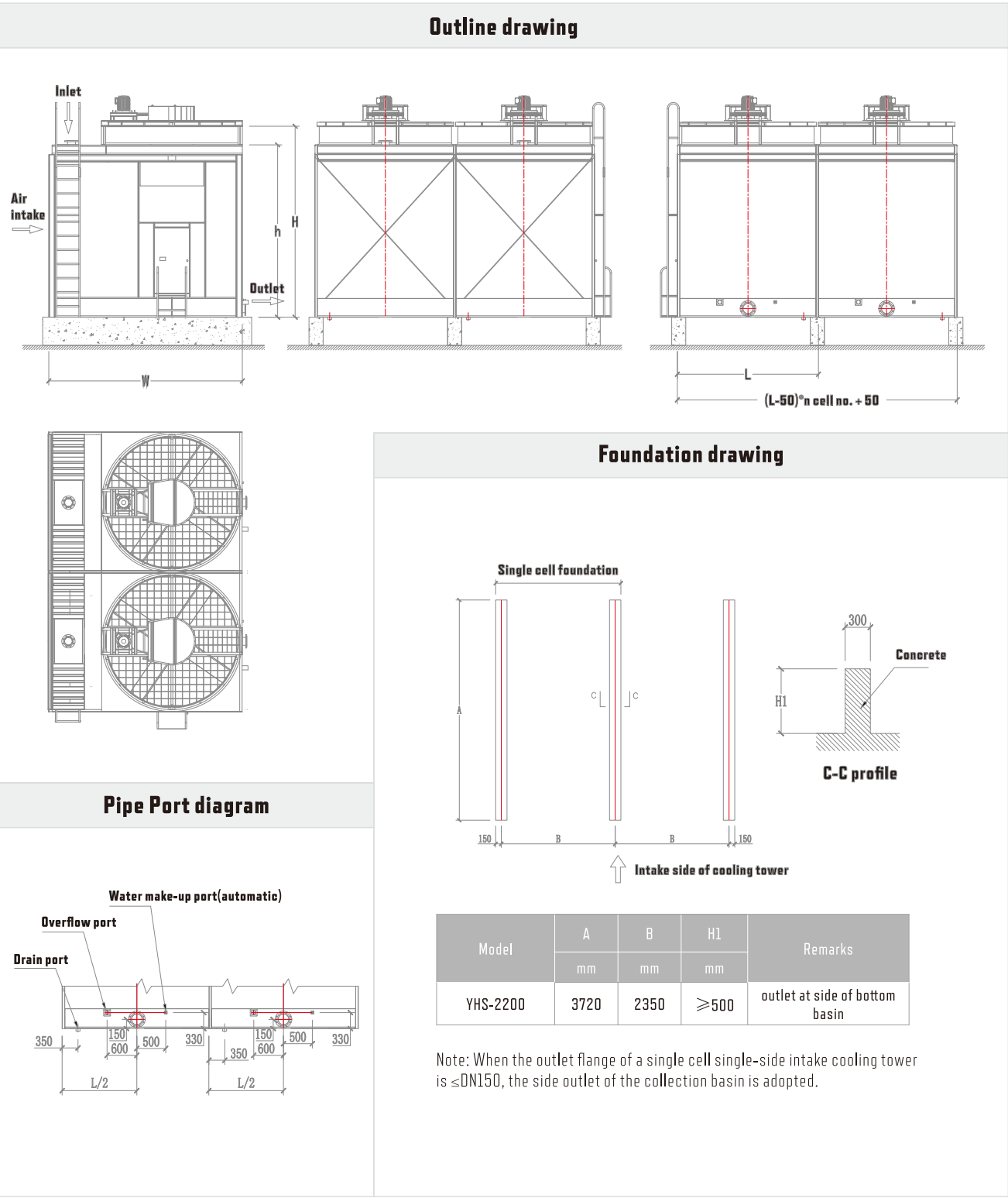
Parameter +++++++

Model	Flow rate	Dynamic		Tower size				Pump head	Weight		Port diameter						Sump type
		Rated power	Fan diameter	Tower length	Tower width	Tower Height h	Tower Height H		Dry weight	Maximum operating weight	Inlet	Outlet	Over flow	Auto make-up	Quick make-up	Drain	
	m³/h	kW	mm	mm	mm	mm	mm		kg	kg	DN	DN	DN	DN	DN	DN	
YHS-4002V	615	18.5	4000	4200	7050	5100	5600	5.9	6890	15025	2-250	300	100	50	50	80	③
YHS-3404K	604	22	3400	3600	6450	5720	6120	6.6	6300	12660	2-250	300	100	50	50	80	③
YHS-3402J	600	30	3400	3600	6450	4480	4880	5.3	5700	12060	2-250	300	100	50	50	80	③
YHS-4003V	650	18.5	4000	4200	7050	5720	6220	6.6	7275	15410	2-250	350	100	50	50	80	③
YHS-4002K	651	22	4000	4200	7050	5100	5600	5.9	6940	15075	2-250	350	100	50	50	80	③
YHS-3404J	663	30	3400	3600	6450	5720	6120	6.6	6590	12950	2-250	350	100	50	50	80	③
YHS-4602V	725	18.5	4600	4800	7650	5720	6220	6.6	8975	19090	2-250	350	100	50	50	80	③
YHS-4004K	716	22	4000	4200	7050	6340	6840	7.2	7700	15835	2-250	350	100	50	50	80	③
YHS-4002J	721	30	4000	4200	7050	5100	5600	5.9	7230	15365	2-250	350	100	50	50	80	③
YHS-4602K	766	22	4600	4800	7650	5720	6220	6.6	9020	19135	2-250	350	100	50	50	80	③
YHS-4003J	760	30	4000	4200	7050	5720	6220	6.6	7610	15745	2-250	350	100	50	50	80	③
YHS-4002N	772	37	4000	4200	7050	5100	5600	5.9	7380	15515	2-250	350	100	50	50	80	③
YHS-4603K	802	22	4600	4800	7650	6340	6840	7.2	9455	19570	2-250	350	100	50	50	80	③
YHS-4004J	800	30	4000	4200	7050	6340	6840	7.2	7995	16130	2-250	350	100	50	50	80	③
YHS-4003N	813	37	4000	4200	7050	5720	6220	6.6	7765	15900	2-250	350	100	50	50	80	③
YHS-4602J	850	30	4600	4800	7650	5720	6220	6.6	9325	19440	2-250	350	100	50	50	80	③
YHS-4004N	851	37	4000	4200	7050	6340	6840	7.2	8230	16365	2-250	350	100	50	50	80	③
YHS-4003H	867	45	4000	4200	7050	5720	6220	6.6	7990	16125	2-250	350	100	50	50	80	③
YHS-4604J	925	30	4600	4800	7650	7230	7730	8	10795	22685	2-300	400	100	50	50	80	③
YHS-4602N	910	37	4600	4800	7650	5720	6220	6.6	9555	19670	2-300	400	100	50	50	80	③
YHS-4004H	906	45	4000	4200	7050	6340	6840	7.2	8515	16650	2-300	400	100	50	50	80	③
YHS-4603N	952	37	4600	4800	7650	6340	6840	7.2	9990	20105	2-300	400	100	50	50	80	③
YHS-4602H	970	45	4600	4800	7650	5720	6220	6.6	9785	19900	2-300	400	100	50	50	80	③
YHS-4604N	1000	37	4600	4800	7650	7230	7730	8	10965	22855	2-300	400	100	50	50	80	③
YHS-4603H	1015	45	4600	4800	7650	6340	6840	7.2	10225	20340	2-300	400	100	50	50	80	③
YHS-4603W	1084	55	4600	4800	7650	6340	6840	7.2	10610	20725	2-300	400	100	50	50	80	③
YHS-4604W	1130	55	4600	4800	7650	7230	7730	8	11595	23485	2-300	400	100	50	50	80	③
YHS-5501H	1202	45	5500	6000	8600	6390	6990	7.2	12820	29595	4-250	2-300	100	50	50	2-80	④
YHS-5502W	1355	55	5500	6000	8600	7430	8030	8.2	14745	31520	4-250	2-350	100	50	50	2-80	④
YHS-5501F	1421	75	5500	6000	8600	6390	6990	7.2	13540	30315	4-250	2-350	100	50	50	2-80	④
YHS-5502F	1501	75	5500	6000	8600	7430	8030	8.2	15335	32110	4-250	2-350	100	50	50	2-80	④
YHS-5502G	1600	90	5500	6000	8600	7430	8030	8.2	15500	32275	4-250	2-350	100	50	50	2-80	④

Description: the national standard design conditions: water inlet temperature 37° C; outlet temperature 32° C; wet bulb temperature 28° C; dry bulb temperature 31.5° C; atmospheric pressure 99.4KPa.

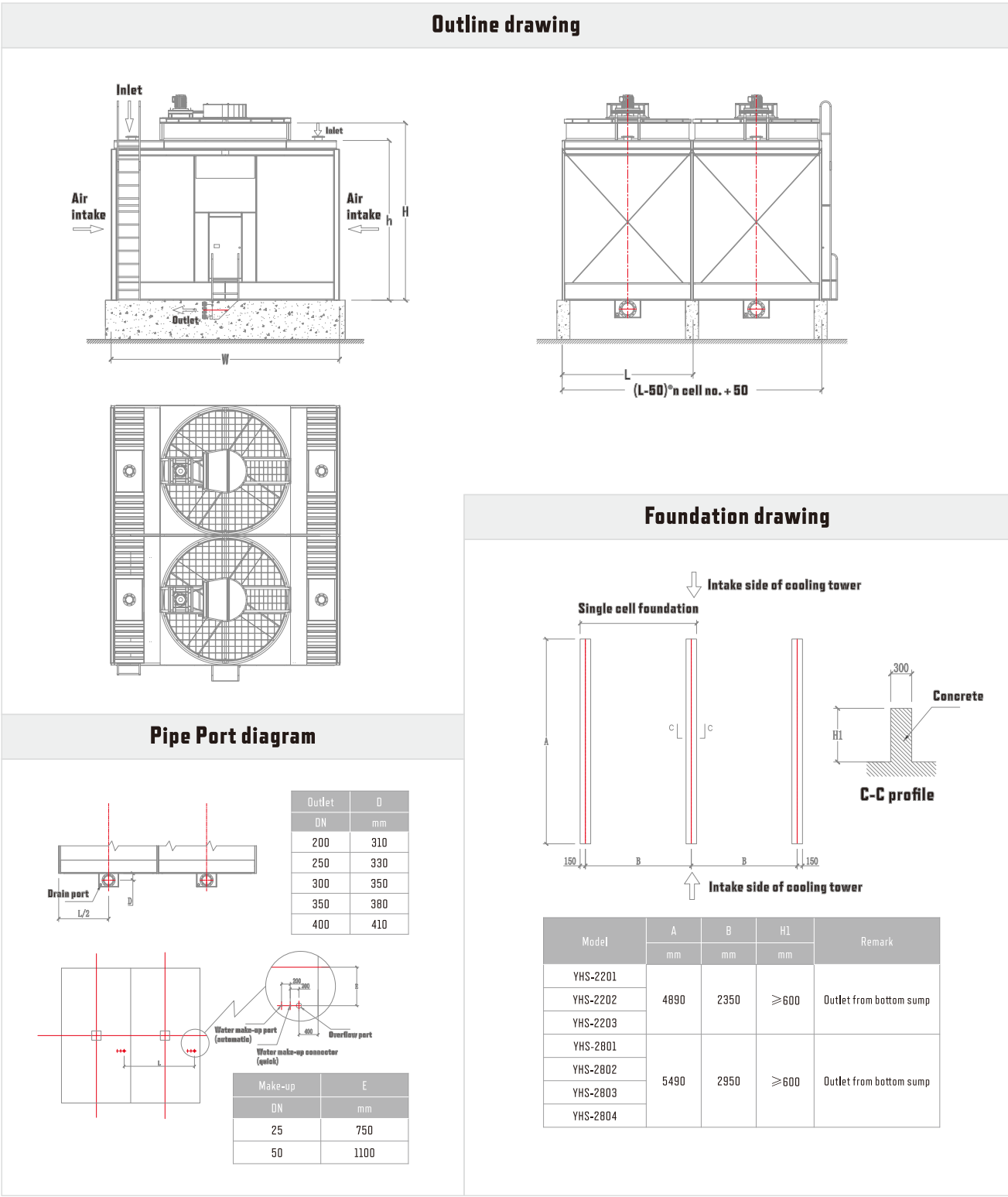
Drawing ++++++

① Single air intake without sump



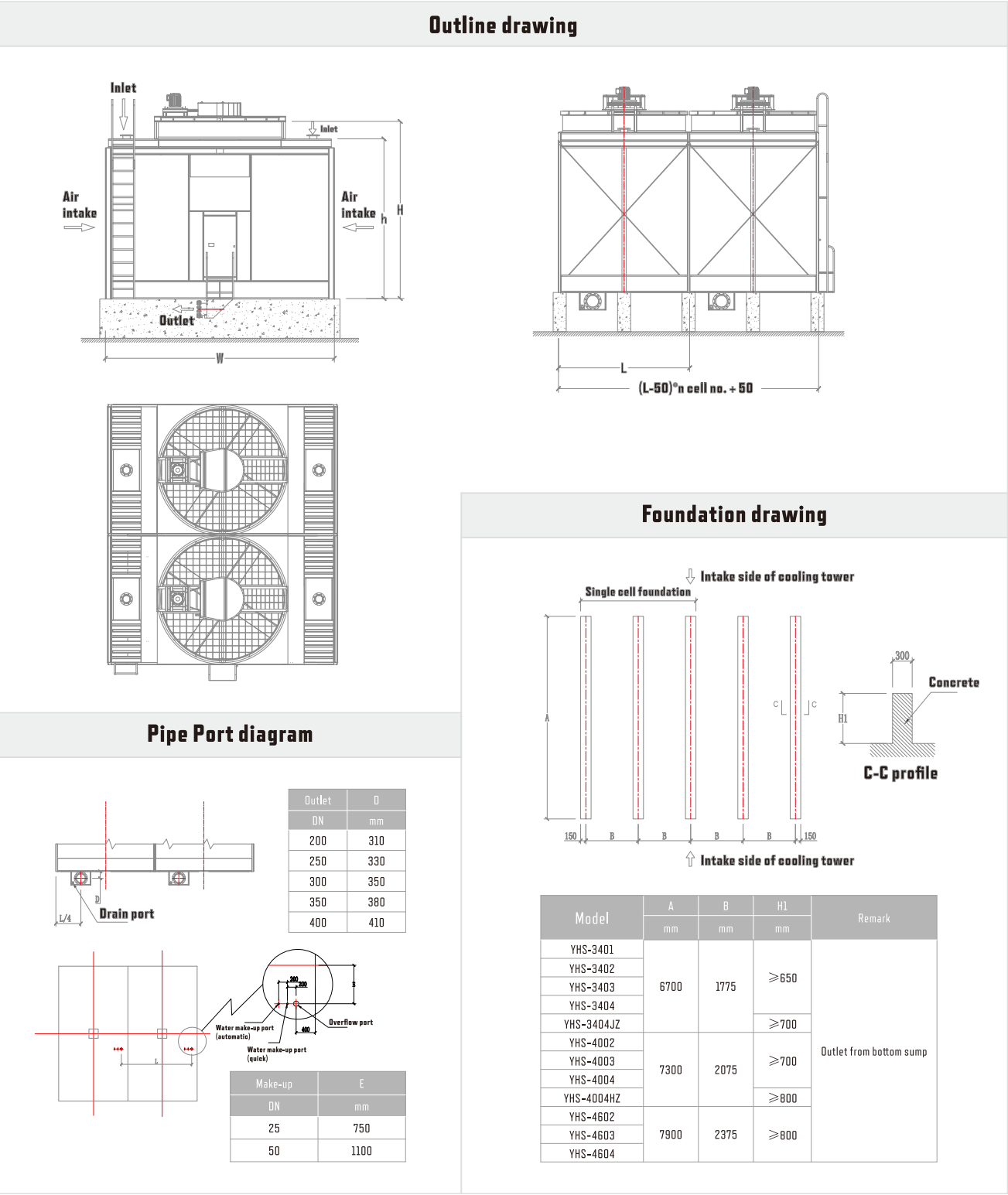
Drawing ++++++

② Double-sided air intake with a central sump



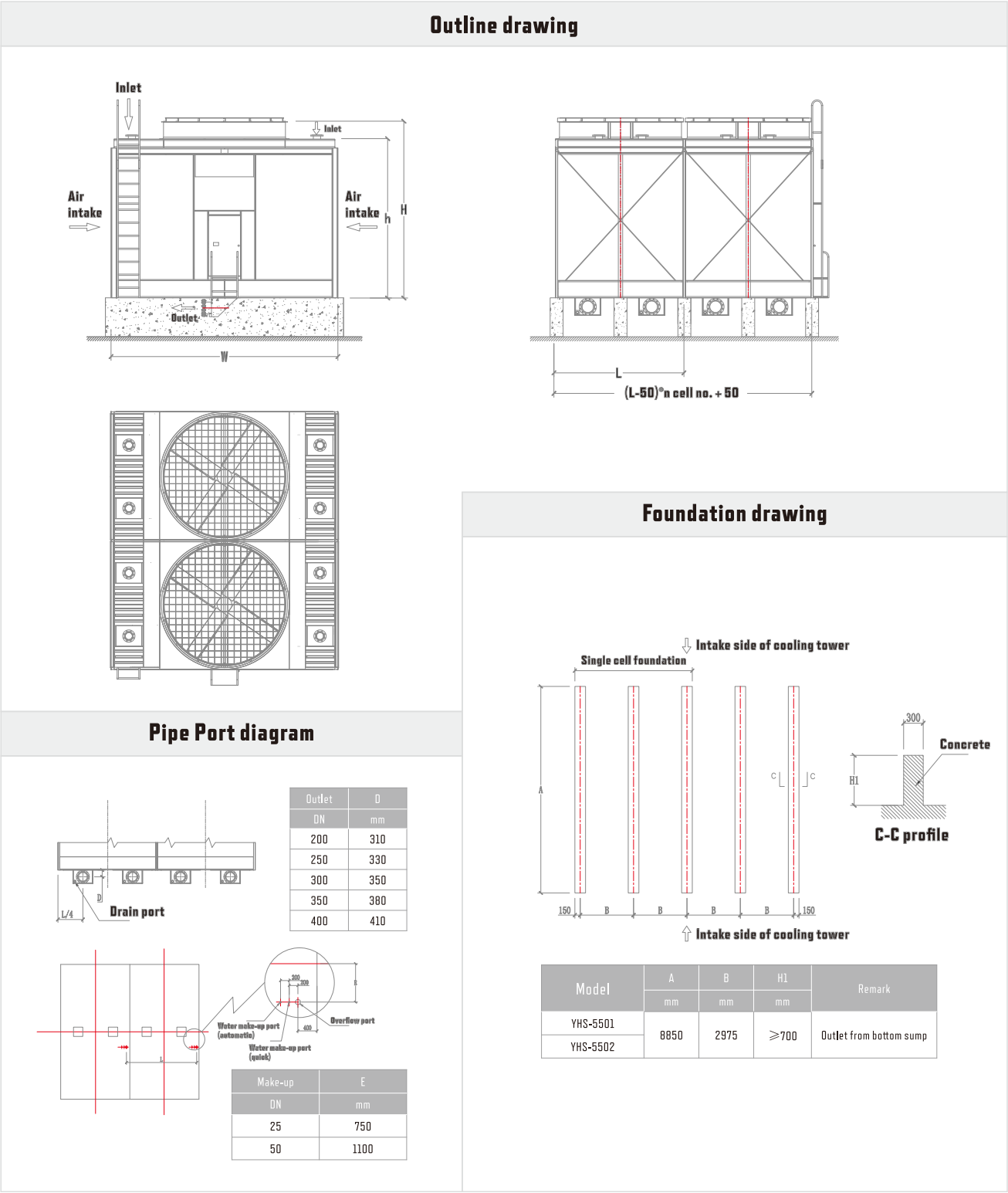
Drawing ++++++

③ Double-sided air intake with off-center arranged sump



Drawing ++++++

④ Double-sided air intake with two sumps and four water inlets



YHW Cross-flow cooling tower

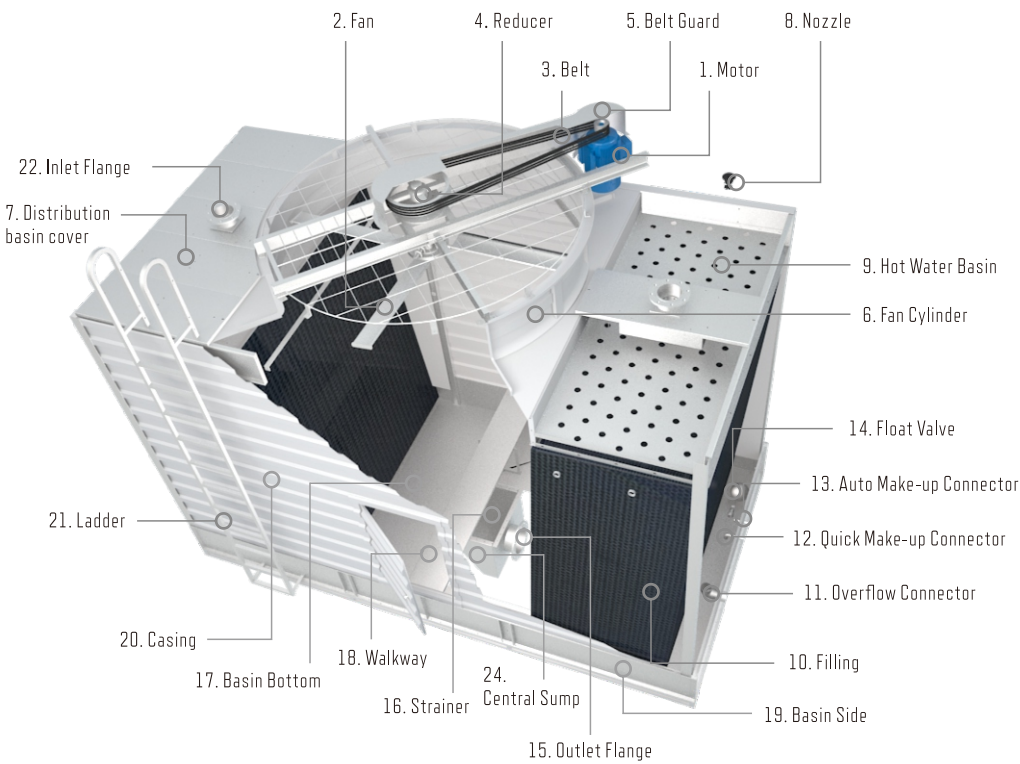


FRP/Steel

CTI Certified

Low Noise

Structure



Model Description

①		②	③	④	⑤	⑥
YHW	-	1501	S	X	blank	*cell no.

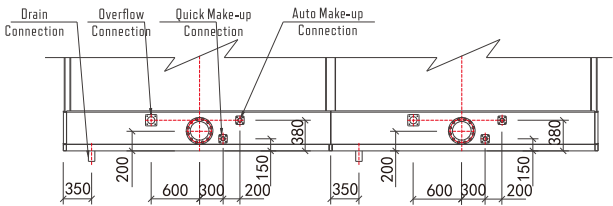
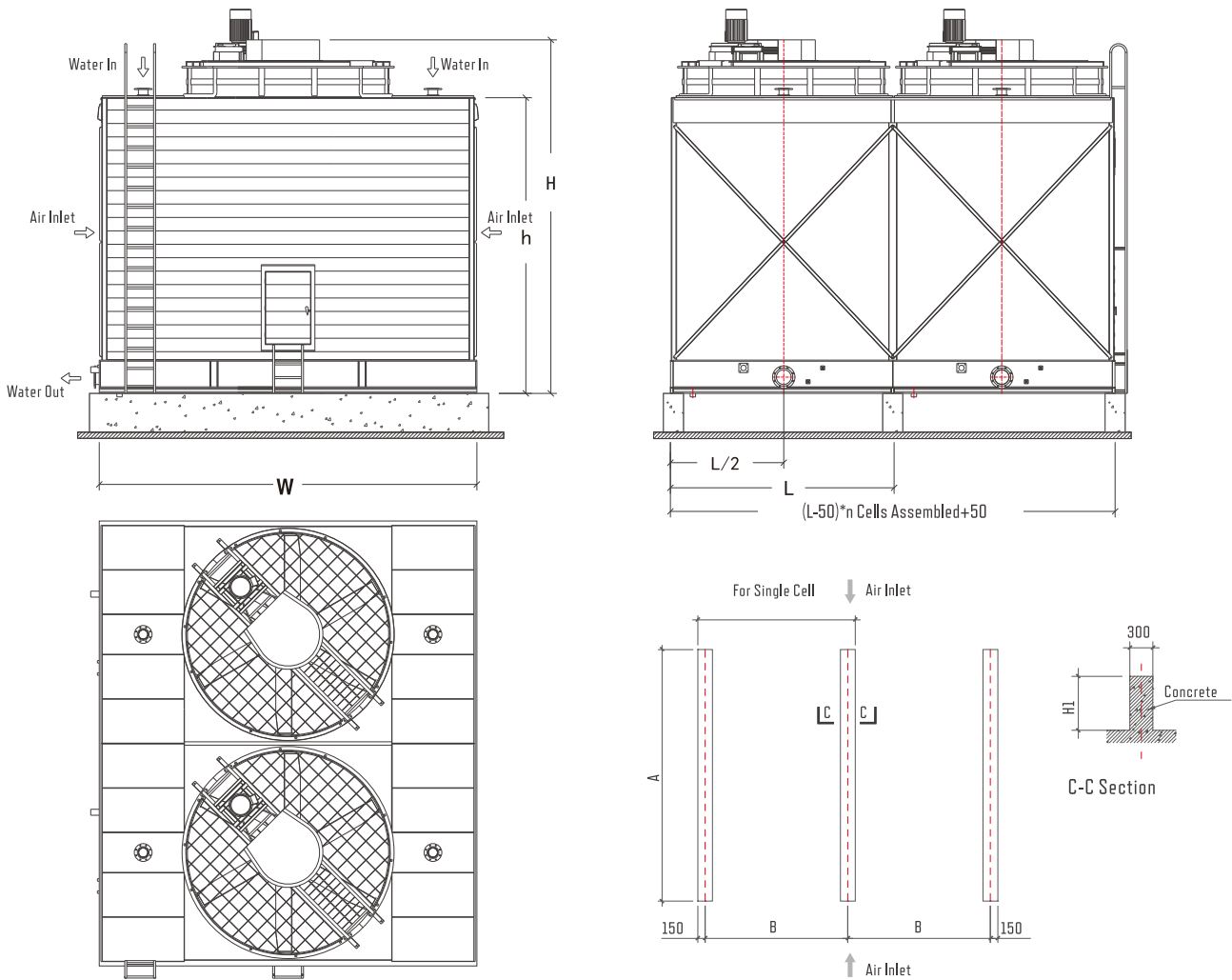
- ① **Product Line:** refer to open type cross flow cooling tower.
- ② **Product Module:** refer to the module of cooling tower.
- ③ **Motor Code:** refer to the motor model size.
- ④ **Filling Code:** refer to the filling model type.
- ⑤ **Suffix Code:** -No suffix: the bottom basin bottom, casing, fan cylinder are FPR, Structure is HDGS;
-SZ: the bottom basin, casing, fan cylinder and Structure are Z700/HDGS;
-SS: the bottom basin, casing, fan cylinder and Structure are SUS304.
- ⑥ **Number of Cells:** If more than 1, it represents the actual number of assembly cells; blank represents a single cell.

Example:

YHW-1501SX-SZ*4 represents YHW rectangular cross-flow cooling tower 1501 module, motor power 3 kW, X-type filling, the casing, bottom basin and other parts are galvanized steel plate, and the fan cylinder is HDGS; the actual number of assembly cells is 4.



Parameter and Drawing



Pipes Connecting Parameters Table				
Outlet Flange Diameter	E mm	F mm	G mm	Remarks
DN125	/	/	/	No central sump, water out from side of bottom basin
DN150	/	/	/	
DN200	600	400	200	Water out from central sump

Note: when the outlet flange of YHW-1501-1802 is DN200, water out from the central sump. Please refer to the drawing on page P19 for the outline drawing and the pipes connecting drawing. Please refer to the foundation parameter table for the height of the foundation.

Foundation Parameters Table

Model	A	B	H1	Remarks
	mm	mm	mm	
YHW-1501	3700	1710	>300	Water out from side of bottom basin
YHW-1502				
YHW-1503	4300	1710	>300	Water out from side of bottom basin
YHW-1504DY...YHW-1504LY	4300	1710	>300	Water out from side of bottom basin
YHW-1504PY...YHW-1504QY	4300	1710	>600	Water out from central sump
YHW-1801DY...YHW-1801MY	4600	2010	>300	Water out from side of bottom basin
YHW-1801LY...YHW-1801QY	4600	2010	>600	Water out from central sump
YHW-1802EY...YHW-1802SY	4600	2010	>300	Water out from side of bottom basin
YHW-1802MY...YHW-1802VY	4600	2010	>600	Water out from central sump

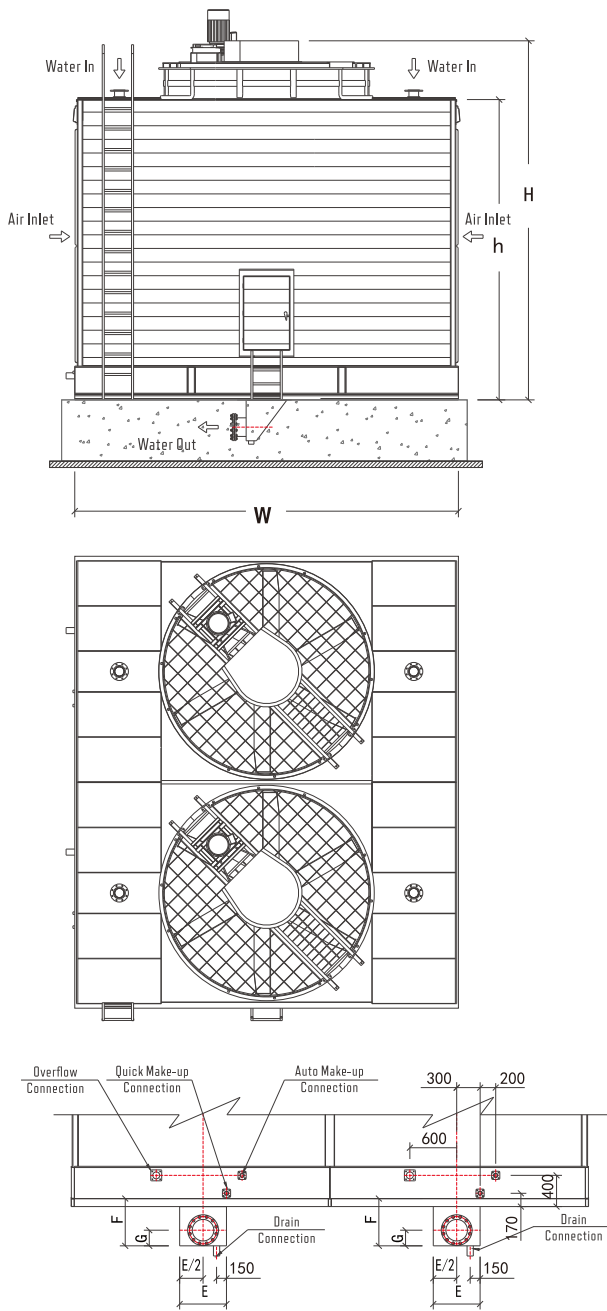
- Note:
- Please refer the foundation parameter table for the concrete foundation dimensions of a single cell.
 - When multiple cells are assembled, the concrete foundation height shall meet the size requirements of the single cooling tower and the installation height of the system pipelines at the same time.
 - When section steel foundation is needed for site installation, please consult the sales or technical personnel of Yuanheng.
 - Cooling tower should be placed and installed in a well-ventilated and open place to ensure smooth air in and out of the equipment and avoid noise pollution.

Parameter and Drawing

Model	Flow Rate	Power System		Outline Dimension				Pump Head	Weight		Connection Diameter					
		Motor	Fan	L	W	H	h		Dry Weight	Operation Weight	Inlet	Outlet	Overflow	Auto Make-up	Quick Make-up	Drain
	m³/h	kW	mm	mm	mm	mm	mm	mHz0	kg	kg	DN	DN	DN	DN	DN	DN
1501CX	57	1.1	1500	1750	3450	3400	2750	3.6	1050	2440	2-80	125	80	20	20	50
1501DX	63	1.5									2-80	125	80	20	20	50
1501EX	72	2.2									2-80	125	80	20	20	50
1501SX	80	3									2-100	125	80	20	20	50
1501MX	88	4									2-100	125	80	20	20	50
1501LX	100	5.5									2-100	150	80	20	20	50
1501PX	108	7.5									2-100	150	80	20	20	50
1502CX	61	1.1	1500	1750	3450	3810	3160	4	1120	2750	2-80	125	80	20	20	50
1502DX	67	1.5									2-80	125	80	20	20	50
1502EX	76	2.2									2-100	125	80	20	20	50
1502SX	85	3									2-100	125	80	20	20	50
1502MX	93	4									2-100	150	80	20	20	50
1502LX	103	5.5									2-100	150	80	20	20	50
1502PX	115	7.5									2-125	150	80	20	20	50
1502QX	130	11									2-125	150	80	20	20	50
1503DY	75	1.5	1500	1750	4050	3190	2540	3.3	1130	2760	2-100	125	80	20	20	50
1503EY	85	2.2									2-100	125	80	20	20	50
1503SY	95	3									2-100	150	80	20	20	50
1503MY	104	4									2-100	150	80	20	20	50
1503LY	115	5.5									2-125	150	80	20	20	50
1503PY	128	7.5									2-125	150	80	20	20	50
1504DY	82	1.5	1500	1750	4050	3810	3160	4	1250	3310	2-100	150	80	25	25	50
1504EY	94	2.2									2-100	150	80	25	25	50
1504SY	104	3									2-100	150	80	25	25	50
1504MY	114	4									2-125	150	80	25	25	50
1504LY	127	5.5									2-125	150	80	25	25	50
1504PY	141	7.5									2-125	200	80	25	25	50
1504QY	160	11									2-125	200	80	25	25	50
1801DY	91	1.5	1800	2050	4350	3400	2750	3.6	1310	3540	2-100	150	80	25	25	50
1801EY	104	2.2									2-100	150	80	25	25	50
1801SY	115	3									2-125	150	80	25	25	50
1801MY	126	4									2-125	150	80	25	25	50
1801LY	140	5.5									2-125	200	80	25	25	50
1801PY	156	7.5									2-125	200	80	25	25	50
1801QY	177	11									2-150	200	80	25	25	50
1802EY	116	2.2	1800	2050	4350	4020	3370	4.2	1460	4400	2-125	150	80	25	25	50
1802SY	128	3									2-125	150	80	25	25	50
1802MY	141	4									2-125	200	80	25	25	50
1802LY	157	5.5									2-125	200	80	25	25	50
1802PY	175	7.5									2-125	200	80	25	25	50
1802QY	200	11									2-150	200	80	25	25	50
1802RY	218	15									2-150	200	80	25	25	50
1802VY	234	18.5									2-150	200	80	25	25	50

Note: Standard design conditions: water inlet temperature 37℃, water outlet temperature 32℃, wet-bulb temperature 28℃, dry-bulb temperature 31.5℃, atmospheric pressure 99.4KPa.

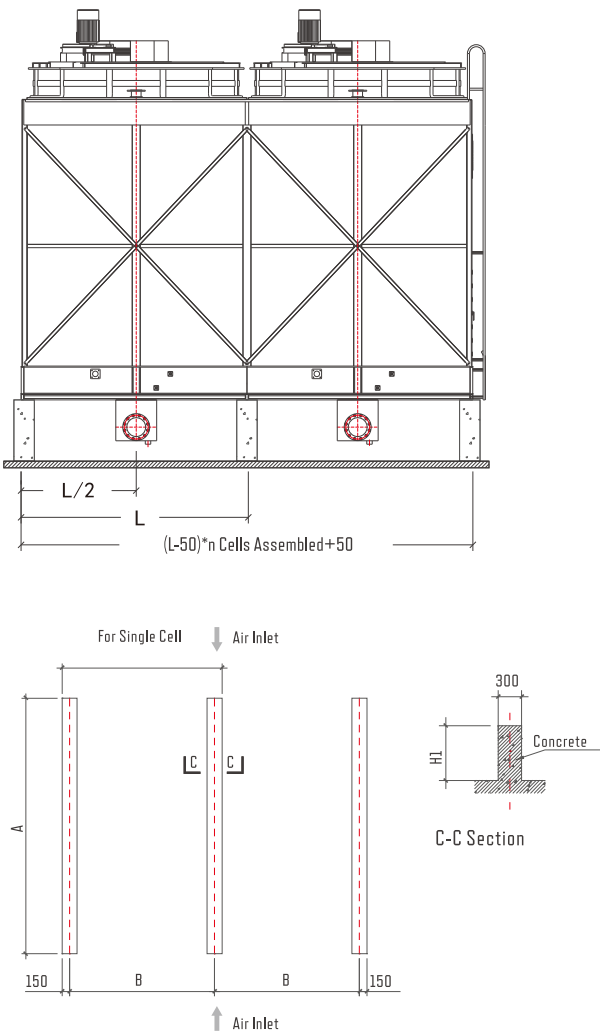
Parameter and Drawing



Pipes Connecting Parameters Table

Outlet Flange Diameter	E	F	G	Remarks
	mm	mm	mm	
DN200	600	400	200	Water out from central sump
DN250	600	400	200	

Note: The outlet mode and central sump size are determined according to outlet flange diameter.



Foundation Parameters Table

Model	A	B	H1	Remarks
	mm	mm	mm	
YHW-2201	5000	2410	>600	Water out from central sump
YHW-2202				
YHW-2501				
YHW-2502	5300	2710	>600	Water out from central sump
YHW-2503				

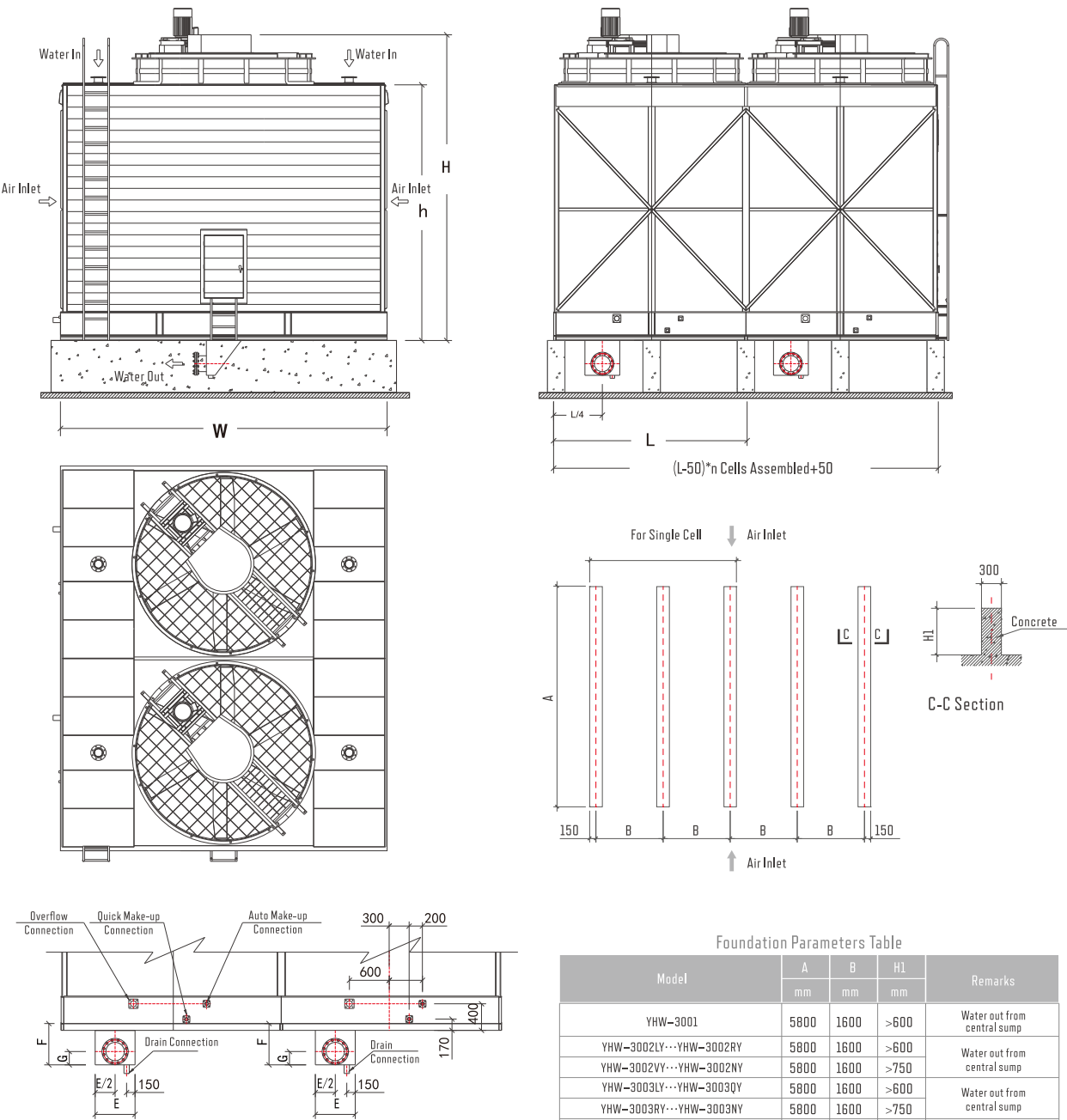
Note:
1.Please refer the foundation parameter table for the concrete foundation dimensions of a single cell.
2.When multiple cells are assembled, the concrete foundation height shall meet the size requirements of the single cooling tower and the installation height of the system pipelines at the same time.
3.When section steel foundation is needed for site installation, please consult the sales or technical personnel of Yuanheng.
4.Cooling tower should be placed and installed in a well-ventilated and open place to ensure smooth air in and out of the equipment and avoid noise pollution.

Parameter and Drawing

Model	Flow Rate	Power System		Outline Dimension				Pump Head	Weight		Connection Diameter					
		Motor	Fan	L	W	H	h		Dry Weight	Operation Weight	Inlet	Outlet	Overflow	Auto Make-up	Quick Make-up	Drain
	m ³ /h	kW	mm	mm	mm	mm	mm	mH ₂ O	kg	kg	DN	DN	DN	DN	DN	DN
2201EY	135	2.2	2200	2450	4750	3870	3160	4	1610	4870	2-125	200	80	25	25	80
2201SY	150	3									2-125	200	80	25	25	80
2201MY	165	4									2-125	200	80	25	25	80
2201LY	183	5.5									2-150	200	80	25	25	80
2201PY	203	7.5									2-150	200	80	25	25	80
2201QY	230	11									2-150	200	80	25	25	80
2201RY	255	15									2-150	200	80	25	25	80
2202SY	159	3	2200	2450	4750	4280	3570	4.4	1760	5480	2-125	200	80	25	25	80
2202MY	175	4									2-125	200	80	25	25	80
2202LY	200	5.5									2-150	200	80	25	25	80
2202PY	215	7.5									2-150	200	80	25	25	80
2202QY	250	11									2-150	200	80	25	25	80
2202RY	271	15									2-200	250	80	25	25	80
2202VY	290	18.5									2-200	250	80	25	25	80
2501SY	178	3	2500	2750	5050	4300	3570	4.4	1960	6400	2-150	200	80	25	25	80
2501MY	200	4									2-150	200	80	25	25	80
2501LY	218	5.5									2-150	200	80	25	25	80
2501PY	241	7.5									2-150	200	80	25	25	80
2501QY	274	11									2-200	250	80	25	25	80
2501RY	303	15									2-200	250	80	25	25	80
2501VY	325	18.5									2-200	250	80	25	25	80
2501KY	344	22									2-200	250	80	25	25	80
2502MY	206	4	2500	2750	5050	4720	3990	4.8	2140	7140	2-150	200	80	25	25	80
2502LY	230	5.5									2-150	200	80	25	25	80
2502PY	254	7.5									2-150	200	80	25	25	80
2502QY	288	11									2-200	250	80	25	25	80
2502RY	320	15									2-200	250	80	25	25	80
2502VY	342	18.5									2-200	250	80	25	25	80
2502KY	363	22									2-200	250	80	25	25	80
2502JY	401	30									2-200	250	80	25	25	80
2503MY	215	4	2500	2750	5050	5130	4400	5.2	2320	7600	2-150	200	80	25	25	80
2503LY	240	5.5									2-150	200	80	25	25	80
2503PY	265	7.5									2-150	200	80	25	25	80
2503QY	301	11									2-200	250	80	25	25	80
2503RY	334	15									2-200	250	80	25	25	80
2503VY	358	18.5									2-200	250	80	25	25	80
2503KY	379	22									2-200	250	80	25	25	80
2503JY	419	30									2-200	250	80	25	25	80

Note:
1.Standard design conditions: water inlet temperature 37℃, water outlet temperature 32℃, wet-bulb temperature 28℃, dry-bulb temperature 31.5℃, atmospheric pressure 99.4KPa.
2.YHW-2201~2503 water out from the central sump. Please refer to the foundation parameter table and pipes connecting parameters table for the size of central sump and height of foundation.

Parameter and Drawing



Foundation Parameters Table

Model	A mm	B mm	H1 mm	Remarks
YHW-3001	5800	1600	>600	Water out from central sump
YHW-3002LY...YHW-3002RY	5800	1600	>600	Water out from central sump
YHW-3002VY...YHW-3002NY	5800	1600	>750	Water out from central sump
YHW-3003LY...YHW-3003QY	5800	1600	>600	Water out from central sump
YHW-3003RY...YHW-3003NY	5800	1600	>750	Water out from central sump
YHW-3401PZ	6800	1800	>600	Water out from central sump
YHW-3401QZ...YHW-3401HZ	6800	1800	>750	Water out from central sump
YHW-3402	6800	1800	>750	Water out from central sump

Note:
1.Please refer the foundation parameter table for the concrete foundation dimensions of a single cell.
2.When multiple cells are assembled, the concrete foundation height shall meet the size requirements of the single cooling tower and the installation height of the system pipelines at the same time.
3.When section steel foundation is needed for site installation, please consult the sales or technical personnel of Yuanheng.
4.Cooling tower should be placed and installed in a well-ventilated and open place to ensure smooth air in and out of the equipment and avoid noise pollution.

Pipes Connecting Parameters Table

Outlet Flange Diameter	E mm	F mm	G mm	Remarks
DN200	600	400	200	Water out from central sump
DN250	600	400	200	Water out from central sump
DN300	800	600	250	Water out from central sump
Dn350	800	600	250	Water out from central sump

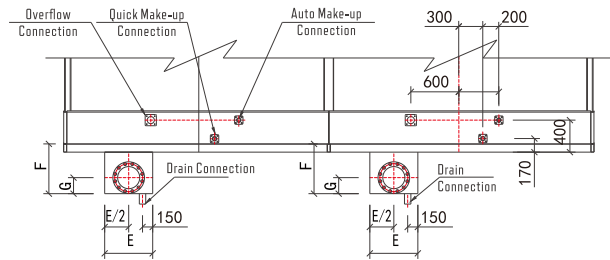
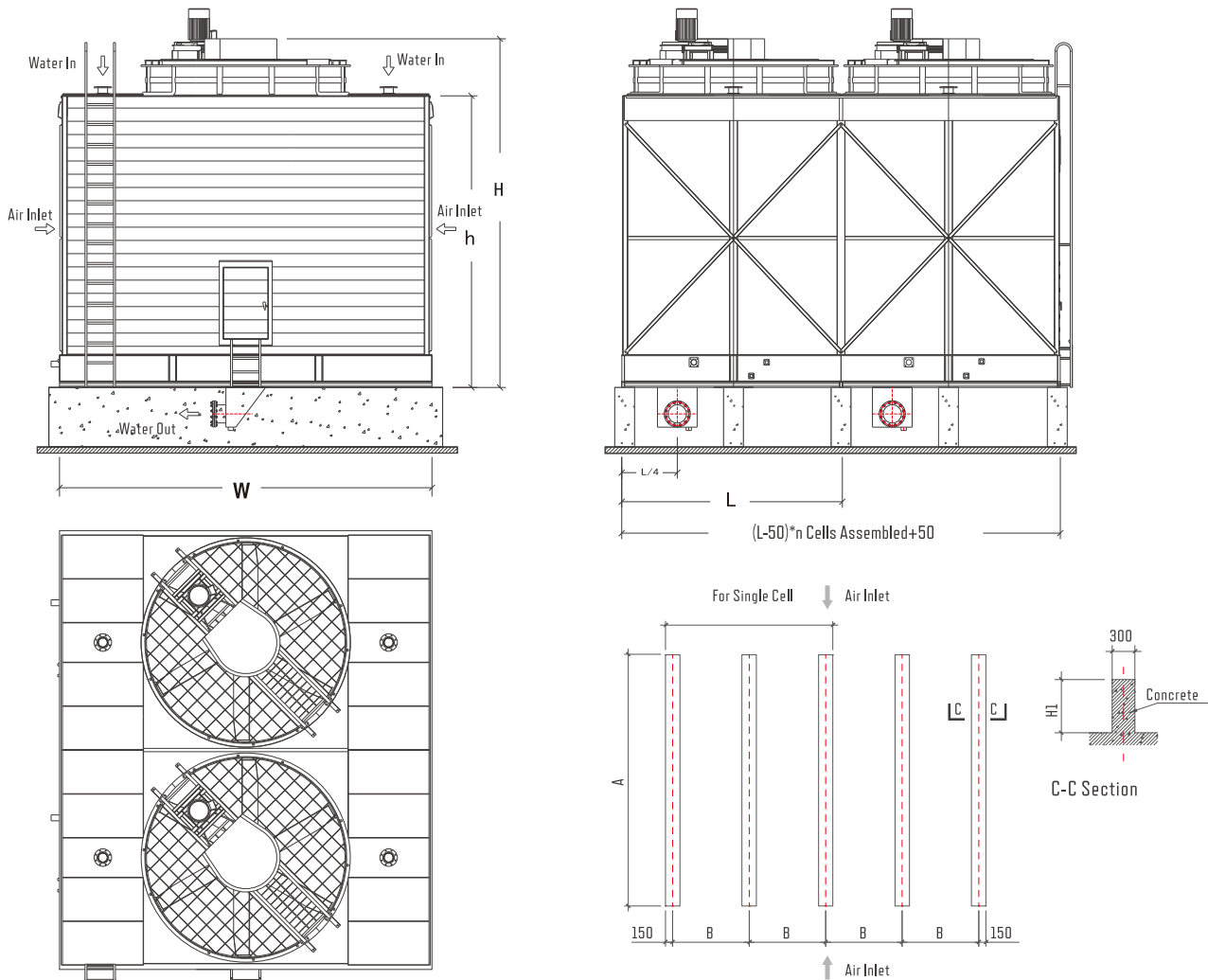
Note: The outlet mode and central sump size are determined according to outlet flange diameter.

Parameter and Drawing

Model	Flow Rate m ³ /h	Power System		Outline Dimension				Pump Head mH ₂ O	Weight		Connection Diameter					
		Motor kW	Fan mm	L mm	W mm	H mm	h mm		Dry Weight kg	Operation Weight kg	Inlet DN	Outlet DN	Overflow DN	Auto Make-up DN	Quick Make-up DN	Drain DN
3001MY	240	4	3000	3250	5550	4860	3990	4.8	2700	8650	2-150	200	80	32	32	80
3001LY	268	5.5									2-200	200	80	32	32	80
3001PY	300	7.5									2-200	250	80	32	32	80
3001QY	336	11									2-200	250	80	32	32	80
3001RY	373	15									2-200	250	80	32	32	80
3001VY	400	18.5									2-200	250	80	32	32	80
3001KY	423	22									2-200	250	80	32	32	80
3001JY	468	30									2-200	250	80	32	32	80
3002LY	286	5.5	3000	3250	5550	5470	4600	5.4	3170	10020	2-200	250	80	32	32	80
3002PY	317	7.5									2-200	250	80	32	32	80
3002QY	360	11									2-200	250	80	32	32	80
3002RY	400	15									2-200	250	80	32	32	80
3002VY	428	18.5									2-200	300	80	32	32	80
3002KY	453	22									2-200	300	80	32	32	80
3002JY	501	30									2-200	300	80	32	32	80
3002NY	537	37									2-200	300	80	32	32	80
3003LY	302	5.5	3000	3250	5550	6100	5220	6	3600	10820	2-200	250	80	40	40	80
3003PY	335	7.5									2-200	250	80	40	40	80
3003QY	380	11									2-200	250	80	40	40	80
3003RY	421	15									2-200	300	80	40	40	80
3003VY	452	18.5									2-200	300	80	40	40	80
3003KY	478	22									2-200	300	80	40	40	80
3003JY	529	30									2-200	300	80	40	40	80
3003NY	567	37									2-250	300	80	40	40	80
3401PZ	382	7.5	3400	3650	6550	5310	4400	5.2	4220	13070	2-200	250	80	40	40	80
3401QZ	434	11									2-200	300	80	40	40	80
3401RZ	481	15									2-200	300	80	40	40	80
3401VZ	515	18.5									2-200	300	80	40	40	80
3401KZ	550	22									2-200	300	80	40	40	80
3401JZ	604	30									2-250	350	80	40	40	80
3401NZ	650	37									2-250	350	80	40	40	80
3401HZ	689	45									2-250	350	80	40	40	80
3402PZ	407	7.5	3400	3650	6550	5720	4810	5.6	4610	14650	2-200	300	80	40	40	80
3402QZ	462	11									2-200	300	80	40	40	80
3402RZ	511	15									2-200	300	80	40	40	80
3402VZ	550	18.5									2-200	300	80	40	40	80
3402KZ	580	22									2-250	300	80	40	40	80
3402JZ	650	30									2-250	350	80	40	40	80
3402NZ	688	37									2-250	350	80	40	40	80
3402HZ	734	45									2-250	350	80	40	40	80
3402WZ	784	55									2-250	350	80	40	40	80

Note:
1.Standard design conditions: water inlet temperature 37℃, water outlet temperature 32℃, wet-bulb temperature 28℃, dry-bulb temperature 31.5℃, atmospheric pressure 99.4KPa.
2.YHW-3001~3402 water out from the central sump. Please refer to the foundation parameter table and pipes connecting parameters table for the size of central sump and height of foundation.

Parameter and Drawing



Pipes Connecting Parameters Table

Outlet Flange Diameter	E mm	F mm	G mm	Remarks
DN300	800	600	250	Water out from central sump
DN350	800	600	250	
DN400	1000	800	300	

Note: The outlet mode and central sump size are determined according to outlet flange diameter.

Foundation Parameters Table

Model	A	B	H1	Remarks
	mm	mm	mm	
YHW-3601	7000	1900	>750	Water out from central sump
YHW-3602	7000	1900	>750	
YHW-3603PZ...YHW-3603WZ	7000	1900	>750	
YHW-3603FZ	7000	1900	>900	

Note:

- Please refer the foundation parameter table for the concrete foundation dimensions of a single cell.
- When multiple cells are assembled, the concrete foundation height shall meet the size requirements of the single cooling tower and the installation height of the system pipelines at the same time.
- When section steel foundation is needed for site installation, please consult the sales or technical personnel of Yuanheng.
- Cooling tower should be placed and installed in a well-ventilated and open place to ensure smooth air in and out of the equipment and avoid noise pollution.

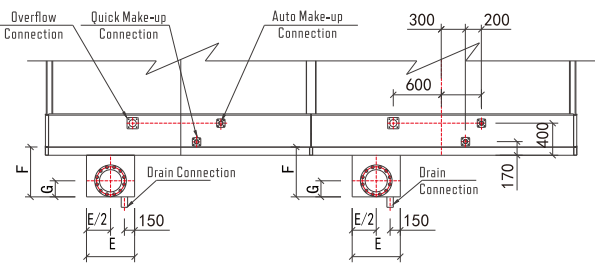
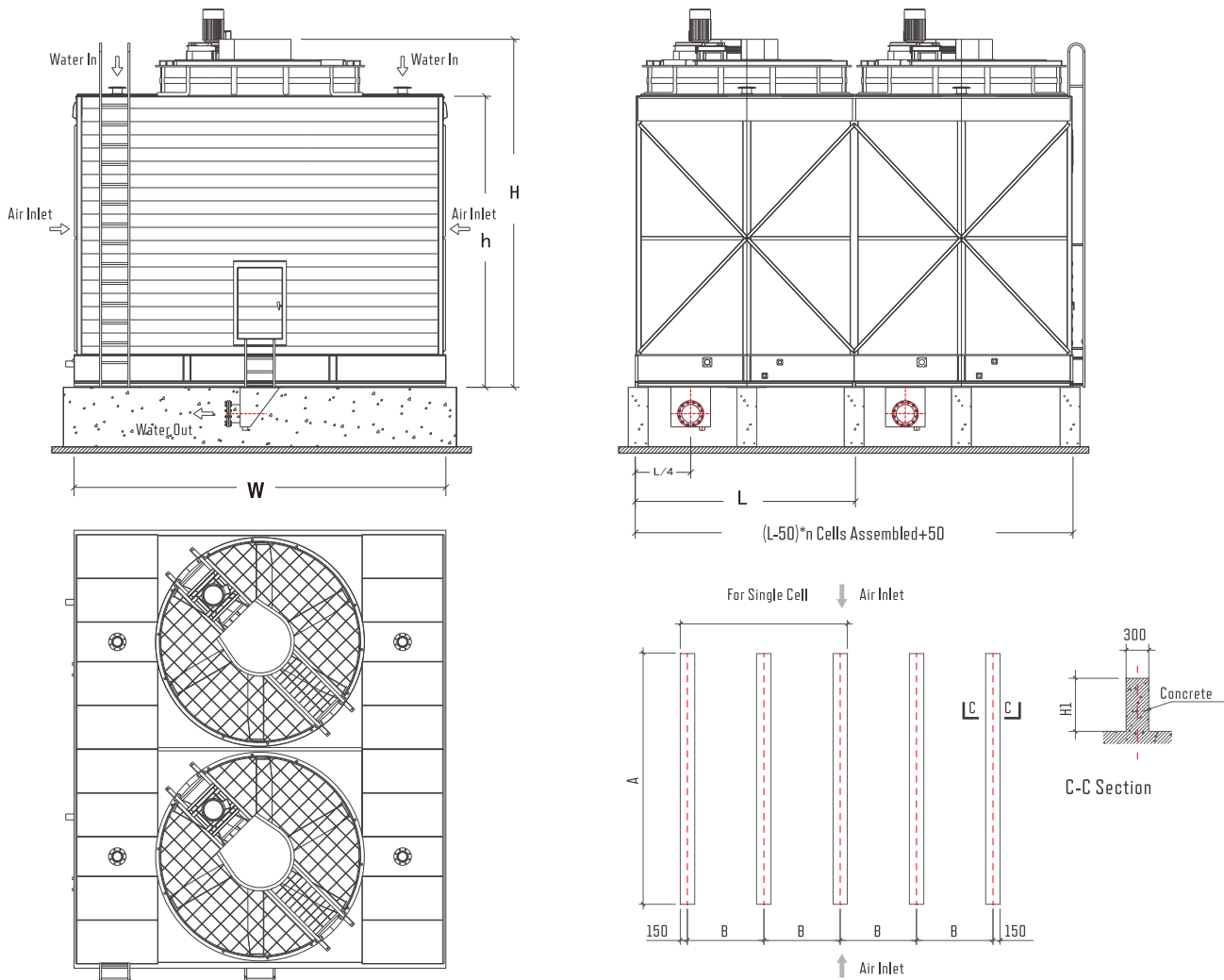
Parameter and Drawing

Model	Flow Rate	Power System		Outline Dimension				Pump Head	Weight		Connection Diameter					
	m ³ /h	Motor kW	Fan mm	L mm	W mm	H mm	h mm	mH ₂ O	Dry Weight kg	Operation Weight kg	Inlet DN	Outlet DN	Overflow DN	Auto Make-up DN	Quick Make-up DN	Drain DN
3601PZ	419	7.5	3600	3850	6750	5720	4810	5.6	5110	15510	2-200	300	100	50	50	80
3601QZ	476	11									2-200	300	100	50	50	80
3601RZ	527	15									2-200	300	100	50	50	80
3601VZ	564	18.5									2-200	300	100	50	50	80
3601KZ	600	22									2-250	300	100	50	50	80
3601JZ	661	30									2-250	350	100	50	50	80
3601NZ	708	37									2-250	350	100	50	50	80
3601HZ	755	45									2-250	350	100	50	50	80
3601WZ	807	55									2-250	350	100	50	50	80
3602PZ	435	7.5	3600	3850	6750	6130	5220	6	5550	16200	2-200	300	100	50	50	80
3602QZ	500	11									2-200	300	100	50	50	80
3602RZ	550	15									2-200	300	100	50	50	80
3602VZ	586	18.5									2-250	300	100	50	50	80
3602KZ	621	22									2-250	300	100	50	50	80
3602JZ	687	30									2-250	350	100	50	50	80
3602NZ	736	37									2-250	350	100	50	50	80
3602HZ	785	45									2-250	350	100	50	50	80
3602WZ	839	55									2-250	350	100	50	50	80
3603PZ	450	7.5	3600	3850	6750	6540	5630	6.4	5990	18200	2-200	300	100	50	50	80
3603QZ	510	11									2-200	300	100	50	50	80
3603RZ	565	15									2-200	300	100	50	50	80
3603VZ	606	18.5									2-250	350	100	50	50	80
3603KZ	641	22									2-250	350	100	50	50	80
3603JZ	710	30									2-250	350	100	50	50	80
3603NZ	761	37									2-250	350	100	50	50	80
3603HZ	812	45									2-250	350	100	50	50	80
3603WZ	867	55									2-300	350	100	50	50	80
3603FZ	960	75									2-300	400	100	50	50	80

Note:

- Standard design conditions: water inlet temperature 37℃, water outlet temperature 32℃, wet-bulb temperature 28℃, dry-bulb temperature 31.5℃, atmospheric pressure 99.4KPa.
- YHW-3601~3603 water out from the central sump. Please refer to the foundation parameter table and pipes connecting parameters table for the size of central sump and height of foundation.

Parameter and Drawing



Pipes Connecting Parameters Table

Outlet Flange Diameter	E mm	F mm	G mm	Remarks
DN350	800	600	250	Water out from central sump
DN400	1000	800	300	
DN450	1000	800	300	

Note: The outlet mode and central sump size are determined according to outlet flange diameter.

Foundation Parameters Table

Model	A mm	B mm	H1 mm	Remarks
YHW-4201QZ...YHW-4201HZ	7600	2200	>750	Water out from central sump
YHW-4201WZ...YHW-4201FZ	7600	2200	>900	
YHW-4202QZ...YHW-4202NZ	7600	2200	>750	
YHW-4202HZ...YHW-4202FZ	7600	2200	>900	
YHW-4203QZ...YHW-4203JZ	7600	2200	>750	Water out from central sump
YHW-4203NZ...YHW-4203FZ	7600	2200	>900	
YHW-4204QZ...YHW-4204JZ	7600	2200	>750	
YHW-4204NZ...YHW-4204GZ	7600	2200	>900	

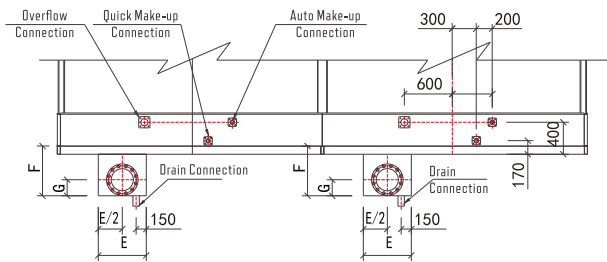
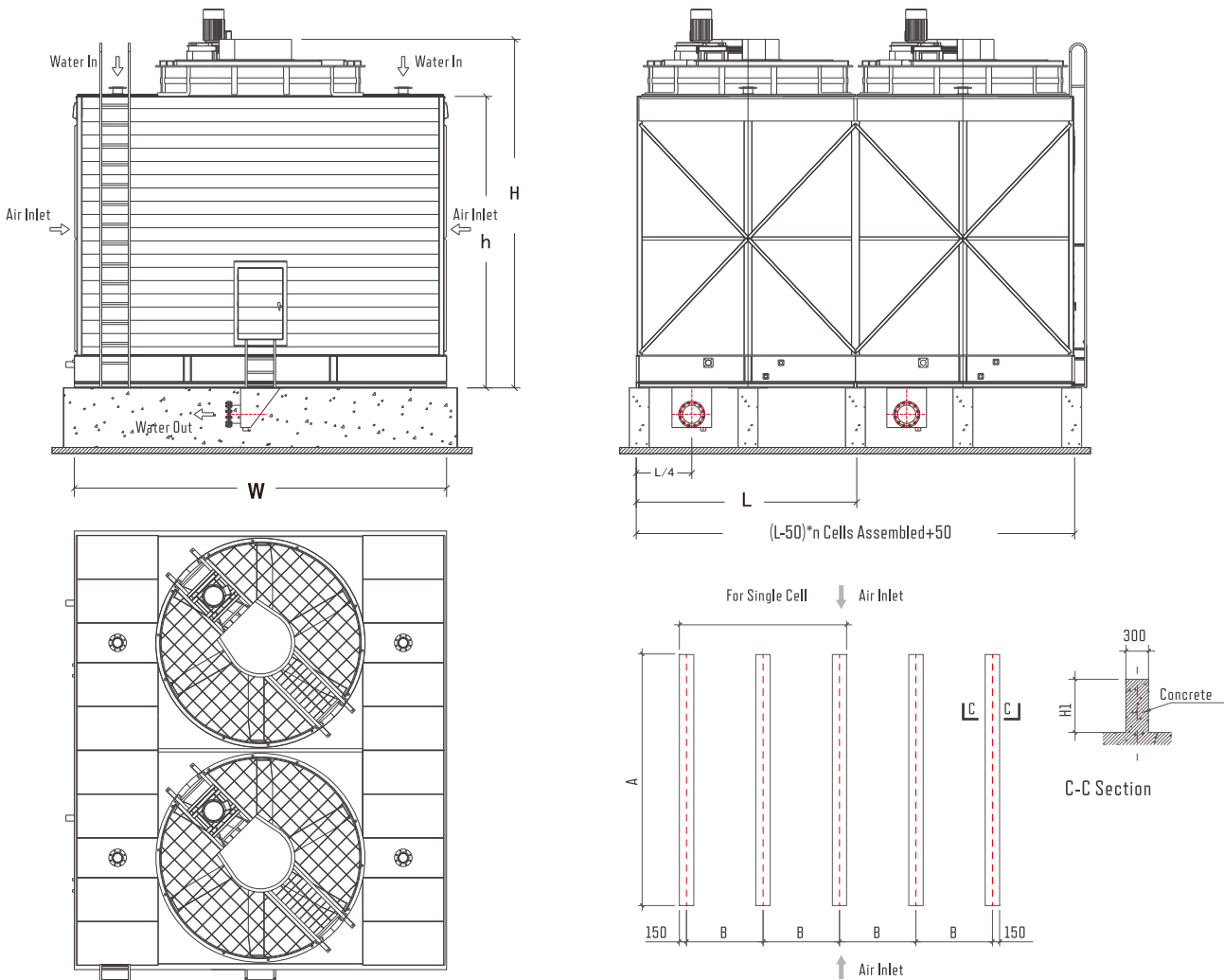
Note:
1.Please refer the foundation parameter table for the concrete foundation dimensions of a single cell.
2.When multiple cells are assembled, the concrete foundation height shall meet the size requirements of the single cooling tower and the installation height of the system pipelines at the same time.
3.When section steel foundation is needed for site installation, please consult the sales or technical personnel of Yuanheng.
4.Cooling tower should be placed and installed in a well-ventilated and open place to ensure smooth air in and out of the equipment and avoid noise pollution.

Parameter and Drawing

Model	Flow Rate	Power System		Outline Dimension				Pump Head	Weight		Connection Diameter					
		Motor	Fan	L	W	H	h		Dry Weight	Operation Weight	Inlet	Outlet	Overflow	Auto Make-up	Quick Make-up	Drain
	m³/h	kW	mm	mm	mm	mm	mm	mH ₂ O	kg	kg	DN	DN	DN	DN	DN	DN
4201QZ	559	11	4200	4450	7350	6330	5220	6	7050	20130	2-250	350	100	50	50	80
4201RZ	619	15									2-250	350	100	50	50	80
4201VZ	664	18.5									2-250	350	100	50	50	80
4201KZ	702	22									2-250	350	100	50	50	80
4201JZ	778	30									2-250	350	100	50	50	80
4201NZ	833	37									2-250	350	100	50	50	80
4201HZ	889	45									2-300	350	100	50	50	80
4201WZ	950	55									2-300	400	100	50	50	80
4201FZ	1050	75									2-300	400	100	50	50	80
4202QZ	580	11	4200	4450	7350	6740	5630	6.4	7600	21340	2-250	350	100	50	50	80
4202RZ	650	15									2-250	350	100	50	50	80
4202VZ	688	18.5									2-250	350	100	50	50	80
4202KZ	728	22									2-250	350	100	50	50	80
4202JZ	806	30									2-250	350	100	50	50	80
4202NZ	864	37									2-250	350	100	50	50	80
4202HZ	921	45									2-300	400	100	50	50	80
4202WZ	984	55									2-300	400	100	50	50	80
4202FZ	1089	75									2-300	400	100	50	50	80
4203QZ	600	11	4200	4450	7350	7160	6050	6.9	8160	22220	2-250	350	100	50	50	80
4203RZ	663	15									2-250	350	100	50	50	80
4203VZ	710	18.5									2-250	350	100	50	50	80
4203KZ	752	22									2-250	350	100	50	50	80
4203JZ	833	30									2-250	350	100	50	50	80
4203NZ	900	37									2-300	400	100	50	50	80
4203HZ	951	45									2-300	400	100	50	50	80
4203WZ	1016	55									2-300	400	100	50	50	80
4203FZ	1125	75									2-300	400	100	50	50	80
4204QZ	616	11	4200	4450	7350	7570	6460	7.3	8720	24090	2-250	350	100	50	50	80
4204RZ	682	15									2-250	350	100	50	50	80
4204VZ	731	18.5									2-250	350	100	50	50	80
4204KZ	774	22									2-250	350	100	50	50	80
4204JZ	857	30									2-250	350	100	50	50	80
4204NZ	918	37									2-300	400	100	50	50	80
4204HZ	979	45									2-300	400	100	50	50	80
4204WZ	1050	55									2-300	400	100	50	50	80
4204FZ	1158	75									2-300	450	100	50	50	80
4204GZ	1229	90									2-350	450	100	50	50	80

Note:
1.Standard design conditions: water inlet temperature 37℃, water outlet temperature 32℃, wet-bulb temperature 28℃, dry-bulb temperature 31.5℃, atmospheric pressure 99.4KPa.
2.YHW-4201~4204 water out from the central sump. Please refer to the foundation parameter table and pipes connecting parameters table for the size of central sump and height of foundation.

Parameter and Drawing



Pipes Connecting Parameters Table

Outlet Flange Diameter	E	F	G	Remarks
	mm	mm	mm	
DN350	800	600	250	Water out from central sump
DN400	1000	800	300	
DN450	1000	800	300	
Note: The outlet mode and central sump size are determined according to outlet flange diameter.				

Foundation Parameters Table

Model	A mm	B mm	H1 mm	Remarks
YHW-4701QZ...YHW-4701KZ	8100	2450	>750	Water out from central sump
YHW-4701JZ...YHW-4701GZ	8100	2450	>900	
YHW-4702QZ...YHW-4702KZ	8100	2450	>750	
YHW-4702JZ...YHW-4702GZ	8100	2450	>900	
YHW-4703QZ...YHW-4703KZ	8100	2450	>750	Water out from central sump
YHW-4703JZ...YHW-4703GZ	8100	2450	>900	
YHW-4704RZ...YHW-4704KZ	8100	2450	>750	
YHW-4704JZ...YHW-4704GZ	8100	2450	>900	

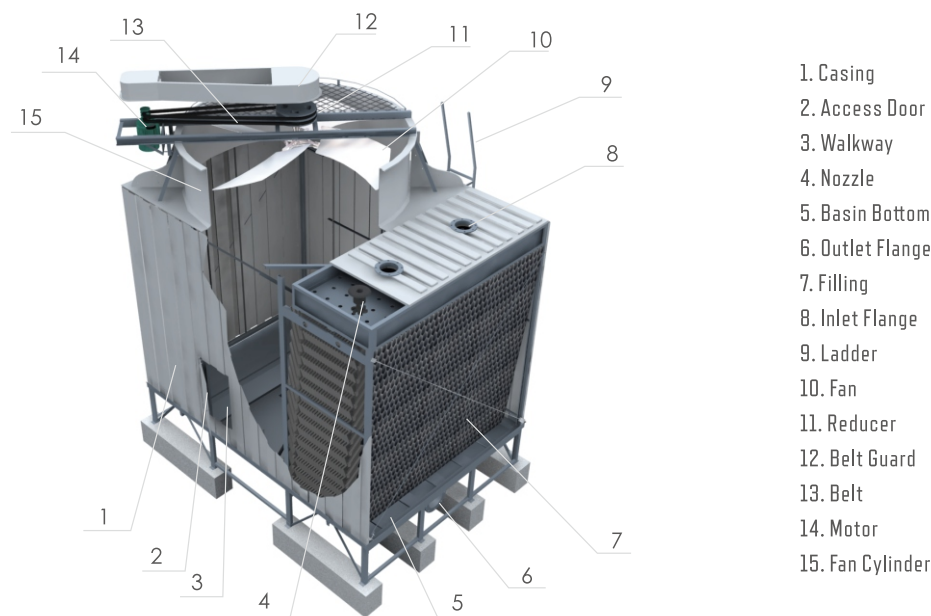
- Note:
- Please refer the foundation parameter table for the concrete foundation dimensions of a single cell.
 - When multiple cells are assembled, the concrete foundation height shall meet the size requirements of the single cooling tower and the installation height of the system pipelines at the same time.
 - When section steel foundation is needed for site installation, please consult the sales or technical personnel of Yuanheng.
 - Cooling tower should be placed and installed in a well-ventilated and open place to ensure smooth air in and out of the equipment and avoid noise pollution.

Parameter and Drawing

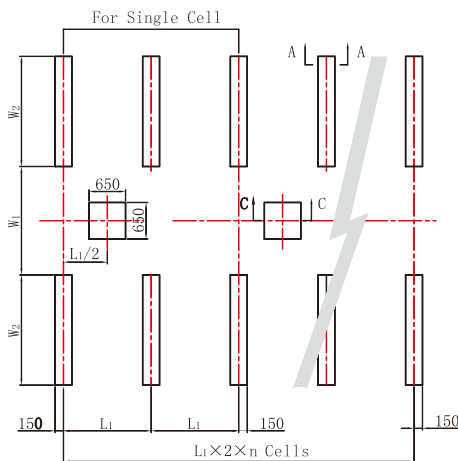
Model	Flow Rate	Power System		Outline Dimension				Pump Head	Weight		Connection Diameter					
	m ³ /h	Motor kW	Fan mm	L mm	W mm	H mm	h mm	mH ₂ O	Dry Weight kg	Operation Weight kg	Inlet DN	Outlet DN	Overflow DN	Auto Make-up DN	Quick Make-up DN	Drain DN
4701QZ	633	11	4700	4950	7850	6740	5630	6.4	9040	24970	2-250	350	100	50	50	80
4701RZ	701	15									2-250	350	100	50	50	80
4701VZ	752	18.5									2-250	350	100	50	50	80
4701KZ	800	22									2-250	350	100	50	50	80
4701JZ	881	30									2-300	400	100	50	50	80
4701NZ	950	37									2-300	400	100	50	50	80
4701HZ	1006	45									2-300	400	100	50	50	80
4701WZ	1075	55									2-300	400	100	50	50	80
4701FZ	1189	75									2-350	450	100	50	50	80
4701GZ	1262	90									2-350	450	100	50	50	80
4702QZ	655	11	4700	4950	7850	7160	6050	6.9	9670	25990	2-250	350	100	50	50	80
4702RZ	725	15									2-250	350	100	50	50	80
4702VZ	777	18.5									2-250	350	100	50	50	80
4702KZ	823	22									2-250	350	100	50	50	80
4702JZ	911	30									2-300	400	100	50	50	80
4702NZ	976	37									2-300	400	100	50	50	80
4702HZ	1050	45									2-300	400	100	50	50	80
4702WZ	1112	55									2-300	450	100	50	50	80
4702FZ	1230	75									2-350	450	100	50	50	80
4702GZ	1306	90									2-350	450	100	50	50	80
4703QZ	675	11	4700	4950	7850	7570	6460	7.3	10310	27410	2-250	350	100	50	50	80
4703RZ	750	15									2-250	350	100	50	50	80
4703VZ	801	18.5									2-250	350	100	50	50	80
4703KZ	850	22									2-250	350	100	50	50	80
4703JZ	939	30									2-300	400	100	50	50	80
4703NZ	1006	37									2-300	400	100	50	50	80
4703HZ	1073	45									2-300	400	100	50	50	80
4703WZ	1146	55									2-300	450	100	50	50	80
4703FZ	1268	75									2-350	450	100	50	50	80
4703GZ	1347	90									2-350	450	100	50	50	80
4704RZ	768	15	4700	4950	7850	7980	6870	7.7	10960	28450	2-250	350	100	50	50	80
4704VZ	823	18.5									2-250	350	100	50	50	80
4704KZ	872	22									2-250	350	100	50	50	80
4704JZ	965	30									2-300	400	100	50	50	80
4704NZ	1034	37									2-300	400	100	50	50	80
4704HZ	1103	45									2-300	450	100	50	50	80
4704WZ	1178	55									2-300	450	100	50	50	80
4704FZ	1304	75									2-350	450	100	50	50	80
4704GZ	1384	90									2-350	450	100	50	50	80

- Note:
- Standard design conditions: water inlet temperature 37℃, water outlet temperature 32℃, wet-bulb temperature 28℃, dry-bulb temperature 31.5℃, atmospheric pressure 99.4KPa.
 - YHW-4701~4704 water out from the central sump. Please refer to the foundation parameter table and pipes connecting parameters table for the size of central sump and height of foundation.

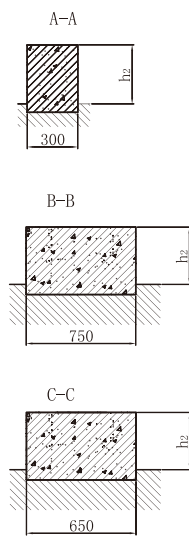
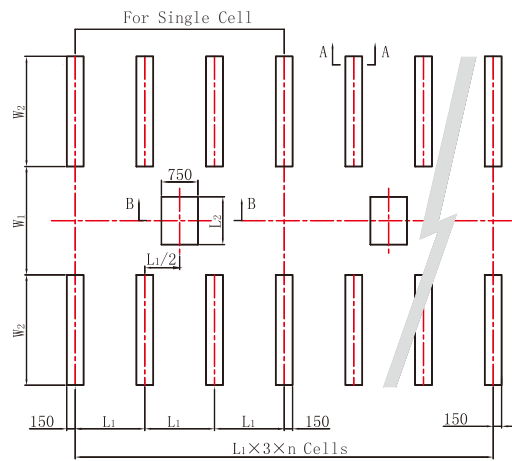
YHB Cross-flow Single Intake Cooling Tower



YHB-100~150

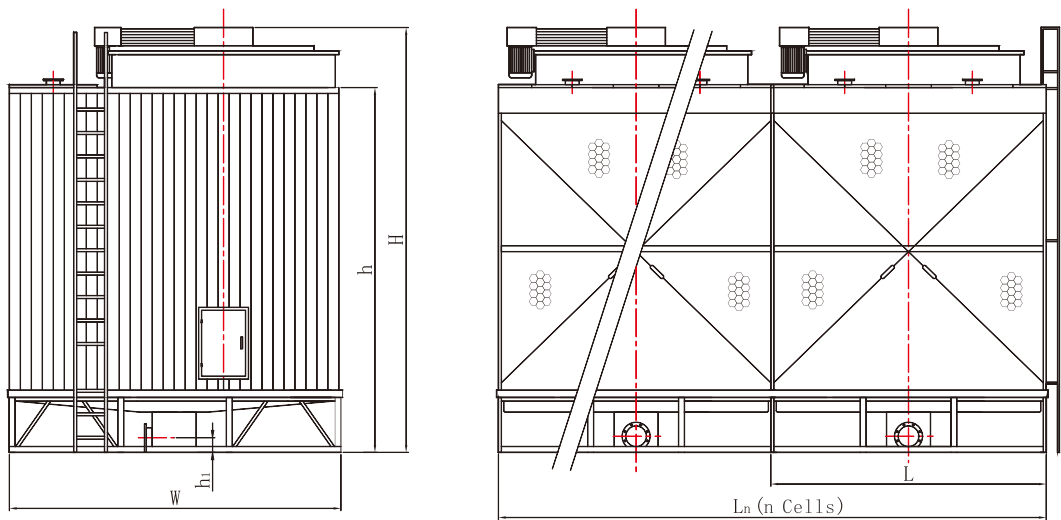


YHB-175~500



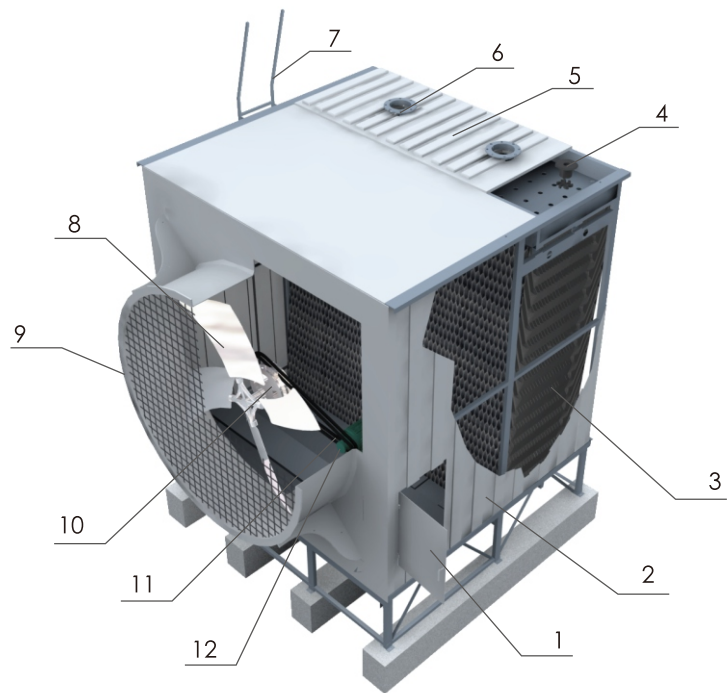
Parameter and Drawing ++++++

	YHB-100	YHB-125	YHB-150	YHB-175	YHB-200	YHB-225	YHB-250	YHB-300	YHB-350	YHB-400	YHB-450	YHB-500
L ₁	1280	1280	1280	987	1087	1253	1353	1353	1520	1687	1687	1820
L ₂	/	/	/	650	650	750	750	750	850	850	850	1000
W ₁	770	770	790	790	1080	1080	1080	1150	1180	1180	1380	1380
W ₂	1350	1350	1550	1550	1550	1550	1550	1750	1950	1950	1950	1950
h ₂	300	300	300	300	300	300	300	300	300	300	300	300
L _n	2560 x n+40	2560 x n+40	2560 x n+40	2960 x n+40	3260 x n+40	3760 x n+40	4060 x n+40	4060 x n+40	4560 x n+40	5060 x n+40	5060 x n+40	5460 x n+40

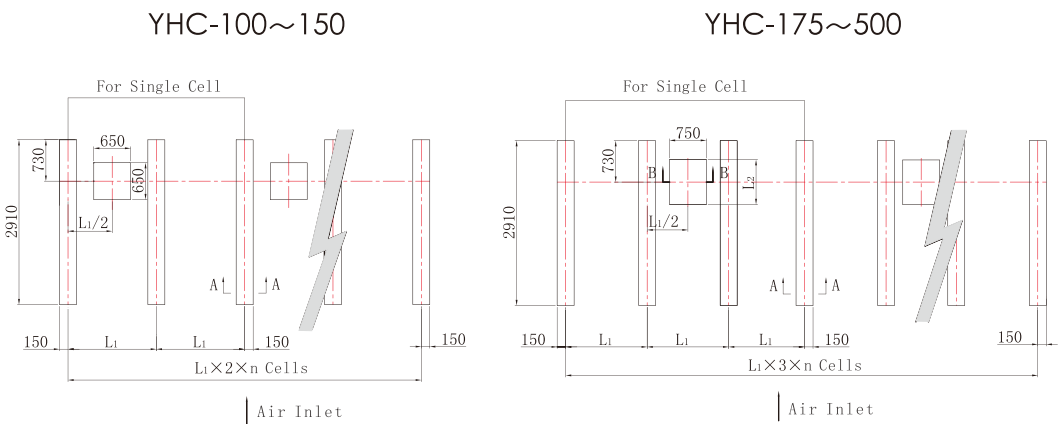


Model	Flow Rate m ³ /h	Power System		Outline Dimension					Connection Diameter						Pump Head mH ₂ O	Weight	
		Fan	Motor	L	W	h ₁	H	h	Inlet	Outlet	Overflow	Auto Make-up	Quick Make-up	Drain		Dry Weight kg	Operation Weight kg
YHB-100	100	1800	4	2600	3200	170	4280	3680	100×2	150	80	20	20	50	4.1	1250	2550
YHB-125	125	1800	4	2600	3200	170	4480	3880	100×2	150	80	20	20	50	4.3	1350	2650
YHB-150	150	2200	5.5	2600	3620	170	4810	4090	125×2	150	80	20	20	50	4.6	1450	2850
YHB-175	175	2200	5.5	3000	3620	200	4810	4090	125×2	200	80	20	20	50	4.6	1620	3230
YHB-200	200	2500	7.5	3300	3920	200	4810	4090	125×2	200	80	25	25	50	4.6	1820	3970
YHB-225	225	2500	7.5	3800	3920	200	4810	4090	125×2	200	80	25	25	50	4.6	2080	4300
YHB-250	250	2500	7.5	4100	3920	200	4810	4090	150×2	200	80	25	25	50	4.6	2320	4870
YHB-300	300	2950	11	4100	4390	200	5530	4690	150×2	200	80	25	25	50	5.5	2650	5300
YHB-350	350	3400	11	4600	4820	220	5690	4790	150×2	250	80	40	40	50	5.6	2950	6100
YHB-400	400	3400	15	5100	4820	220	5690	4790	150×2	250	80	40	40	50	5.6	3150	6500
YHB-450	450	3600	15	5100	5020	220	5690	4790	200×2	250	80	40	40	50	5.6	3450	7250
YHB-500	500	3600	18.5	5500	5020	250	5790	4890	200	300	80	40	40	50	5.7	3850	7900

YHC Horizontal Type Cooling Tower

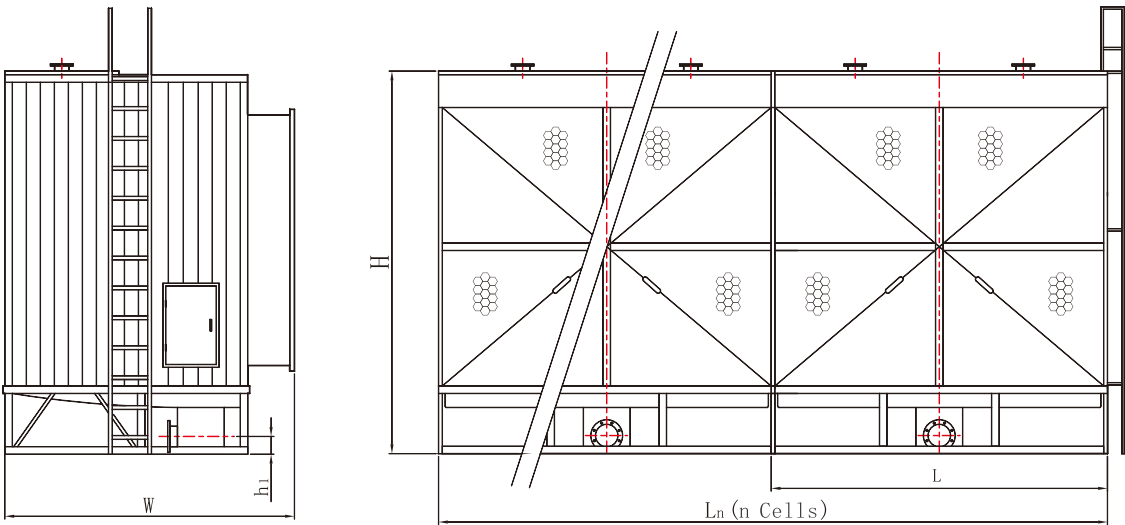


- 1. Access Door
- 2. Casing
- 3. Filling
- 4. Nozzle
- 5. Hot Water Basin Cover
- 6. Inlet Flange
- 7. Ladder
- 8. Fan
- 9. Fan Cylinder
- 10. Reducer
- 11. Belt
- 12. Motor



Parameter and Drawing ++++++

	YHC-100	YHC-125	YHC-150	YHC-175	YHC-200	YHC-225	YHC-250	YHC-300	YHC-350	YHC-400	YHC450	YHC-500
L ₁	1280	1280	1280	987	1087	1253	1253	1353	1520	1687	1687	1820
L ₂	/	/	/	650	650	750	750	750	850	850	850	1000
h ₂	≥300	≥300	≥300	≥300	≥300	≥300	≥300	≥300	≥300	≥300	≥300	≥300
L _n	2560× n+40	2560× n+40	2560× n+40	2960× n+40	3260× n+40	3760× n+40	3760× n+40	4060× n+40	4560× n+40	5060× n+40	5060× n+40	5460× n+40



Model	Flow Rate m ³ /h	Power System		Outline Dimension				Connection Diameter						Pump Head mH ₂ O	Weight	
		Fan	Motor	L	W	h ₁	H	Inlet	Outlet	Overflow	Auto Make-up	Quick Make-up	Drain		Dry Weight	Operation Weight
		mm	kW	mm	mm	mm	mm	DN	DN	DN	DN	DN	DN		kg	kg
YHC 100	100	1800	4	2600	3050	170	3680	100×2	150	80	20	20	50	4.1	950	2150
YHC-125	125	1800	4	2600	3050	170	3880	100×2	150	80	20	20	50	4.3	1050	2350
YHC-150	150	2200	5.5	2600	3100	170	4090	125×2	150	80	20	20	50	4.6	1150	2650
YHC-175	175	2200	5.5	3000	3100	200	4090	125×2	200	80	20	20	50	4.6	1220	2830
YHC-200	200	2500	7.5	3300	3100	200	4090	125×2	200	80	25	25	50	4.6	1420	3570
YHC-225	225	2500	7.5	3800	3100	200	4090	125×2	200	80	25	25	50	4.6	1680	3900
YHC-250	250	2500	7.5	4100	3100	200	4090	150×2	200	80	25	25	50	4.6	1820	4470
YHC-300	300	2950	11	4100	3150	200	4690	150×2	200	80	25	25	50	5.5	2150	4900
YHC-350	350	3400	11	4600	3150	220	4790	150×2	250	80	40	40	50	5.6	2350	5700
YHC-400	400	3400	15	5100	3150	220	4790	150×2	250	80	40	40	50	5.6	2650	6100
YHC-450	450	3600	15	5100	3150	220	4790	200×2	250	80	40	40	50	5.6	2950	6850
YHC-500	500	3600	18.5	5500	3150	250	4890	200×2	300	80	40	40	50	5.7	3150	7300

Notes to Selection ++++++

- 1. International standard design working condition: water inlet temperature 37°C, water outlet temperature 32°C, wet-bulb temperature 28°C, dry-bulb temperature 31.5°C, atmospheric pressure 9.94*10⁴ Pa.
- 2. The company can provide special selection and design under non-standard working conditions.
- 3. Due to layout limit or image requirement, the company can provide specific design and manufacture according to clients' demand.
- 4. Flow rate of 110-1600m³/hr tower can choose single fan or multi-fans subject to the actual need.
- 5. The support foundation must be in the same level and all the tolerances must be less than 5mm.
- 6. The foundation height is depended on diameter of water outlet main-pipe and its installation height.
- 7. When different models are connected at site, the water levels of bottom basins of different models should be considered and heights of foundations are adjusted to keep the water level balanced.
- 8. The picture shows the connection position and size of single cell, which is applicable for multi-cells assembly.
- 9. The diameter of water outlet flange can be enlarged if required.
- 10. When cooling towers are installed in noise-sensitive areas (such as residential, hotel, hospital, office building), be sure to consider the effects of noise and request the company to provide technical solution.
- 11. The minimum distance between air intake surface of cooling tower and the building relates to the tower type and assembled cells numbers, the company can provide detailed information upon request.
- 12. The cooling tower equipment adopts a high-quality galvanized steel structure, which can withstand a PH value of 6.5 to 8.0. The range of water quality use: chlorine content (NaCl) up to 300mg/L, sulfate content (SO₄) up to 250mg/L, calcium content (CaCO₃) up to 500mg/L, silicon content (SiO₂) up to 150mg/L, without oil, grease, fatty acid or organic solvent. Do not use an acid solution for cleaning and maintenance. If cooling water does not meet the above requirements, please inform us, and we will provide a solution.



More about YH

