THERMAL-CELL SDN BHD (Company No: 818585-M)

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TYH Series Open Cross-flow, Induced-Draft Cooling Tower

Design Information

I. Outline of models

(Open type, Cross flow, and Induced draft)

Model	Flow Rate m^3/h	Power System		Outline Size					Connection Diameter						Pump Head mH_2O	Weight		Noise value
		Fan Diameter Φmm	Motor Power KW	Length	Width		Height		Inlet	Outlet	Overflow	Auto Make-up	Manual Make-up	Drain		Dry Weight Kg	Operation Weight Kg	Standard point dB(A)
				(L)	(W)	(h1)	(H)	(h)										
				mm	mm	mm	mm	mm	DN mm	DN mmx	DN mm	DN mm	DN mm	DN mm				
TYH-80E	90	1500	2.2	1900	3480	170	4240	3060	150x1	150x1	80	20	20	50	3.7	1050	2250	57
TYH-100C	100	1500	3	1900	3480	170	3630	3060	150x1	150x1	80	20	20	50	3.7	1050	2250	59
TYH-100T	110	1500	4	1900	3480	170	3630	3060	150x1	150x1	80	20	20	50	3.7	1060	2260	60
TYH-100I	122	1500	5.5	1900	3480	170	3630	3060	150x1	150x1	80	20	20	50	3.7	1080	2280	61
TYH-100E	113	1500	3	2100	3480	170	4240	3060	150x1	150x1	80	20	20	50	3.7	1150	2350	57
TYH-125C	125	1500	4	2100	3480	170	3630	3060	150x1	150x1	80	20	20	50	3.7	1150	2350	59
TYH-125T	139	1500	5.5	2100	3480	170	3630	3060	150x1	150x1	80	20	20	50	3.7	1170	2370	60
TYH-125I	154	1500	7.5	2100	3480	170	3630	3060	150x1	150x1	80	20	20	50	3.7	1190	2390	61
TYH-125E	136	1800	3	2100	3780	170	4860	3680	150x1	150x1	80	20	20	50	4.1	1250	2550	57
TYH-150C	150	1800	4	2100	3780	170	4270	3680	150x1	150x1	80	20	20	50	4.1	1250	2550	59
TYH-150T	166	1800	5.5	2100	3780	170	4270	3680	150x1	150x1	80	20	20	50	4.1	1270	2570	60
TYH-150I	184	1800	7.5	2100	3780	170	4270	3680	150x1	150x1	80	20	20	50	4.1	1290	2590	61
TYH-150E	157	2200	4	2600	4180	170	5110	3680	150x1	150x1	80	20	20	50	4.1	1350	2850	57
TYH-175C	175	2200	5.5	2600	4180	200	4400	3680	200x1	200x1	80	20	20	50	4.1	1350	2850	60
TYH-175T	194	2200	7.5	2600	4180	200	4400	3680	200x1	200x1	80	20	20	50	4.1	1370	2870	61
TYH-175I	220	2200	11	2600	4180	200	4400	3680	200x1	200x1	80	20	20	50	4.1	1400	2900	62
TYH-175E	180	2200	4	2600	4180	200	5310	3880	200x1	200x1	80	20	20	50	4.3	1520	3130	58
TYH-200C	200	2200	5.5	2600	4180	200	4600	3880	200x1	200x1	80	25	25	50	4.3	1520	3130	60
TYH-200T	222	2200	7.5	2600	4180	200	4600	3880	200x1	200x1	80	25	25	50	4.3	1540	3150	61
TYH-200I	252	2200	11	2600	4180	200	4600	3880	200x1	200x1	80	25	25	50	4.3	1590	3200	62
TYH-200E	203	2200	5.5	2600	4180	200	5520	4090	200x1	200x1	80	25	25	50	4.6	1620	3770	58

TYH-225C	225	2200	7.5	2600	4180		4810	4090	200x1	200x1	80	25	25	50	4.6	1620	3770	60
TYH-225T	255	2200	11	2600	4180	200	4810	4090	200x1	200x1	80	25	25	50	4.6	1670	3820	61
TYH-225I	283	2200	15	2600	4180	200	4810	4090	200x1	200x1	80	25	25	50	4.6	1700	3850	62
TYH-225E	225	2500	5.5	3000	4480	200	5520	4090	200x1	200x1	80	25	25	50	4.6	2080	4300	58
TYH-250C	250	2500	7.5	3000	4480	200	4810	4090	200x1	200x1	80	25	25	50	4.6	2080	4300	61
TYH-250T	284	2500	11	3000	4480	200	4810	4090	200x1	200x1	80	25	25	50	4.6	2130	4350	62
TYH-250I	315	2500	15	3000	4480	200	4810	4090	200x1	200x1	80	25	25	50	4.6	2160	4380	63
TYH-250E	271	2500	4	3000	5080	200	5120	3690	200x1	200x1	80	25	25	50	4.2	2420	5070	59
TYH-300C	300	2500	7.5	3000	5080	200	4410	3690	200x1	200x1	80	25	25	50	4.2	2420	5070	61
TYH-300T	341	2500	11	3000	5080	200	4410	3690	200x1	200x1	80	25	25	50	4.2	2470	5120	62
TYH-300I	378	2500	15	3000	5080	200	4410	3690	200x1	200x1	80	25	25	50	4.2	2500	5150	63
TYH-300E	308	2500	7.5	3000	5080	200	5520	4090	200x1	200x1	80	25	25	50	4.6	2550	5300	59
TYH-350C	350	2500	11	3000	5080	200	4810	4090	200x1	200x1	80	40	40	50	4.6	2550	5300	61
TYH-350T	388	2500	15	3000	5080	200	4810	4090	200x1	200x1	80	40	40	50	4.6	2580	5330	62
TYH-350I	416	2500	18.5	3000	5080	200	4810	4090	200x1	200x1	80	40	40	50	4.6	2630	5380	63
TYH-350E	352	2950	7.5	3300	5550	200	5920	4190	200x1	200x1	80	40	40	50	4.7	2850	6200	59
TYH-400C	400	2950	11	3300	5550	220	5030	4190	125×4	250	80	40	40	50	4.7	2850	6200	62
TYH-400T	444	2950	15	3300	5550	220	5030	4190	125×4	250	80	40	40	50	4.7	2880	6230	63
TYH-400I	476	2950	18.5	3300	5550	220	5030	4190	125×4	250	80	40	40	50	4.7	2930	6280	64
TYH-400E	396	2950	11	3300	5550	220	6530	4800	125×4	250	80	40	40	50	5.5	3250	6600	60
TYH-450C	450	2950	11	3300	5550	220	5640	4800	125×4	250	80	40	40	50	5.5	3250	6600	62
TYH-450T	499	2950	15	3300	5550	220	5640	4800	125×4	250	80	40	40	50	5.5	3280	6630	63
TYH-450I	535	2950	18.5	3300	5550	220	5640	4800	125×4	250	80	40	40	50	5.5	3330	6680	64
TYH-450E	451	2950	11	3800	5550	220	6530	4800	125×4	250	80	40	40	50	5.5	3550	7400	60
TYH-500C	500	2950	15	3800	5550	220	5640	4800	150×4	300	80	40	40	50	5.5	3550	7400	63
TYH-500T	536	2950	18.5	3800	5550	220	5640	4800	150×4	300	80	40	40	50	5.5	3600	7450	64
TYH-500I	568	2950	22	3800	5550	220	5640	4800	150×4	300	80	40	40	50	5.5	3630	7480	65
TYH-500E	495	3400	15	3800	6000	250	6350	4900	150×4	300	80	40	40	50	5.6	4050	8200	61

TYH-550C	550	3400	15	3800	6000	250	5800	4900	150×4	300	80	50	50	50	5.6	4050	8200	63
TYH-550T	589	3400	18.5	3800	6000	250	5800	4900	150×4	300	80	50	50	50	5.6	4100	8250	64
TYH-550I	624	3400	22	3800	6000	250	5800	4900	150×4	300	80	50	50	50	5.6	4130	8280	65
TYH-550E	541	3400	15	4600	6000	250	6350	4900	150×4	300	80	50	50	50	5.6	4650	9800	61
TYH-600C	600	3400	15	4600	6000	250	5800	4900	150×4	300	80	50	50	50	5.6	4650	9800	63
TYH-600T	644	3400	18.5	4600	6000	250	5800	4900	150×4	300	80	50	50	50	5.6	4700	9850	64
TYH-600I	682	3400	22	4600	6000	250	5800	4900	150×4	300	80	50	50	50	5.6	4730	9880	65
TYH-600E	653	3600	15	4600	6200	250	6550	5100	150×4	300	80	50	50	50	5.8	5050	10500	61
TYH-700C	700	3600	18.5	4600	6200	250	6000	5100	150×4	300	80	50	50	50	5.8	5050	10500	64
TYH-700T	741	3600	22	4600	6200	250	6000	5100	150×4	300	80	50	50	50	5.8	5080	10530	65
TYH-700I	822	3600	30	4600	6200	250	6000	5100	150×4	300	80	50	50	50	5.8	5150	10600	66
TYH-700E	755	3600	18.5	5100	6200	250	6550	5100	150×4	300	80	50	50	50	5.8	5450	11500	62
TYH-800C	800	3600	22	5100	6200	250	6000	5100	150×4	300	80	50	50	50	5.8	5450	11500	65
TYH-800T	887	3600	30	5100	6200	250	6000	5100	150×4	300	80	50	50	50	5.8	5520	11570	66
TYH-800I	951	3600	37	5100	6200	250	6000	5100	150×4	300	80	50	50	50	5.8	5600	11650	67
TYH-800E	812	4200	22	5300	6800	250	7440	5510	150×4	300	80	50	50	50	6.2	6250	13800	63
TYH-900C	900	4200	30	5300	6800	310	6850	5510	200×4	350	80	50×2	80	50	6.2	6250	13800	67
TYH-900T	966	4200	37	5300	6800	310	6850	5510	200×4	350	80	50×2	80	50	6.2	6330	13880	68
TYH-900I	1031	4200	45	5300	6800	310	6850	5510	200×4	350	80	50×2	80	50	6.2	6380	13930	69
TYH-900E	841	4700	22	5500	7300	310	8130	6100	200×4	350	80	50×2	50	50	6.8	6950	15500	65
TYH-1000C	1000	4700	37	5500	7300	310	7200	6100	200×4	350	80	50×2	80	50	6.8	6950	15500	67
TYH-1000T	1068	4700	45	5500	7300	310	7200	6100	200×4	350	80	50×2	80	50	6.8	7000	15550	68
TYH-1000I	1142	4700	55	5500	7300	310	7200	6100	200×4	350	80	50×2	80	50	6.8	7100	15650	69

* Significance of the model names:

TYH	-	XXX	E	X
Thermal-Cell Cross Flow Film Fill Series		Nominal Flowrate (m^3/hr)	One Size Smaller Motor for Energy Savings, Low Sound applications	No of cells

TYH	-	XXX	C	X
Thermal-Cell Cross Flow Film Fill Series		Nominal Flowrate (m^3/hr)	Standard Motor Size used for Standard Model applications	No of cells

TYH	-	XXX	T	X
Thermal-Cell Cross Flow Film Fill Series		Nominal Flowrate (m^3/hr)	One Size Larger Motor for Economical applications	No of cells

TYH	-	XXX	I	X
Thermal-Cell Cross Flow Film Fill Series		Nominal Flowrate (m^3/hr)	Two Size Larger Motor for Compact applications	No of cells

Footnotes:

1. Multiple cell models of the single cell models above are also available and included in the CTI Certification but are not individually listed.
2. "E,C,T or I" at the end of the model numbers indicates the relative motor size and capacity.

   "C" indicates standard motor size used for standard model applications

   "E" indicates one size smaller motor for energy-saving low-sound applications

   "T" indicates one size larger motor for economical applications

   "I" indicates two sizes larger motor compact applications
3. Standard construction is galvanized structure and fiber reinforced plastic casing material.

   Certification also includes alternate tower construction materials indicated by suffixes –SC, -S, -SD, and -SL which are added to basic model numbers where:

   - SC is for standard Galvanized structure and fiber reinforced plastic casing material.
   - S is for stainless steel casing, basin, mainframe and hardware;
   - SD is for magnesium aluminum zinc casing , basin, mainframe and hardware;
   - SL is for aluminized zinc casing, basin, mainframe and hardware;
4. Sample model number: TYH-100E-2-S

   Where: TYH = Product line name

   100 = Reference capacity or nominal size

   E = Energy-saving low-sound motor size

   2 = Number of cells

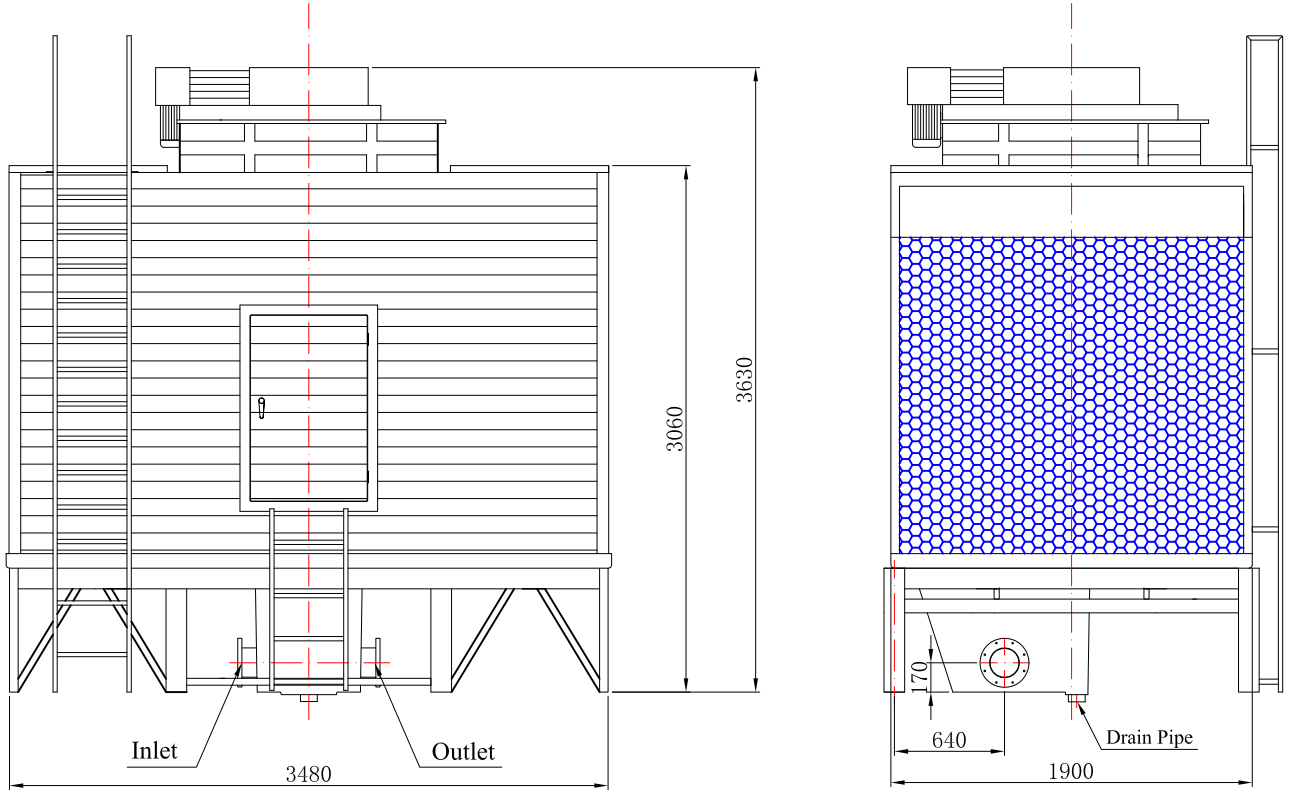
   S = Stainless steel casing, basin, mainframe and hardware

II. Drawings:

1) Model TYH-100C-1 Refer to Page 8
2) Model TYH-125C-1 Refer to Page 9
3) Model TYH-150C-1 Refer to Page 10
4) Model TYH-175C-1 Refer to Page 11
5) Model TYH-200C-1 Refer to Page 12
6) Model TYH-225C-1 Refer to Page 13
7) Model TYH-250C-1 Refer to Page 14
8) Model TYH-300C-1 Refer to Page 15
9) Model TYH-350C-1 Refer to Page 16
10) Model TYH-400C-1 Refer to Page 17
11) Model TYH-450C-1 Refer to Page 18
12) Model TYH-500C-1 Refer to Page 19
13) Model TYH-550C-1 Refer to Page 20
14) Model TYH-600C-1 Refer to Page 21
15) Model TYH-700C-1 Refer to Page 22
16) Model TYH-800C-1 Refer to Page 23
17) Model TYH-900C-1 Refer to Page 24
18) Model TYH-1000C-1 Refer to Page 25




NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL



PIPING DETAILS

1	INLET	1 X DN150	GB FLANGE
2	OUTLET	1 X DN150	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN20	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS STANDARD SUPPLY
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-100C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER :	DRAWING NUMBER :	REV.
1 OF 1	TYH-100C-1-SC-A	0

THERMAL-CELL
THERMAL-CELL SDN BHD (818585-M)
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ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
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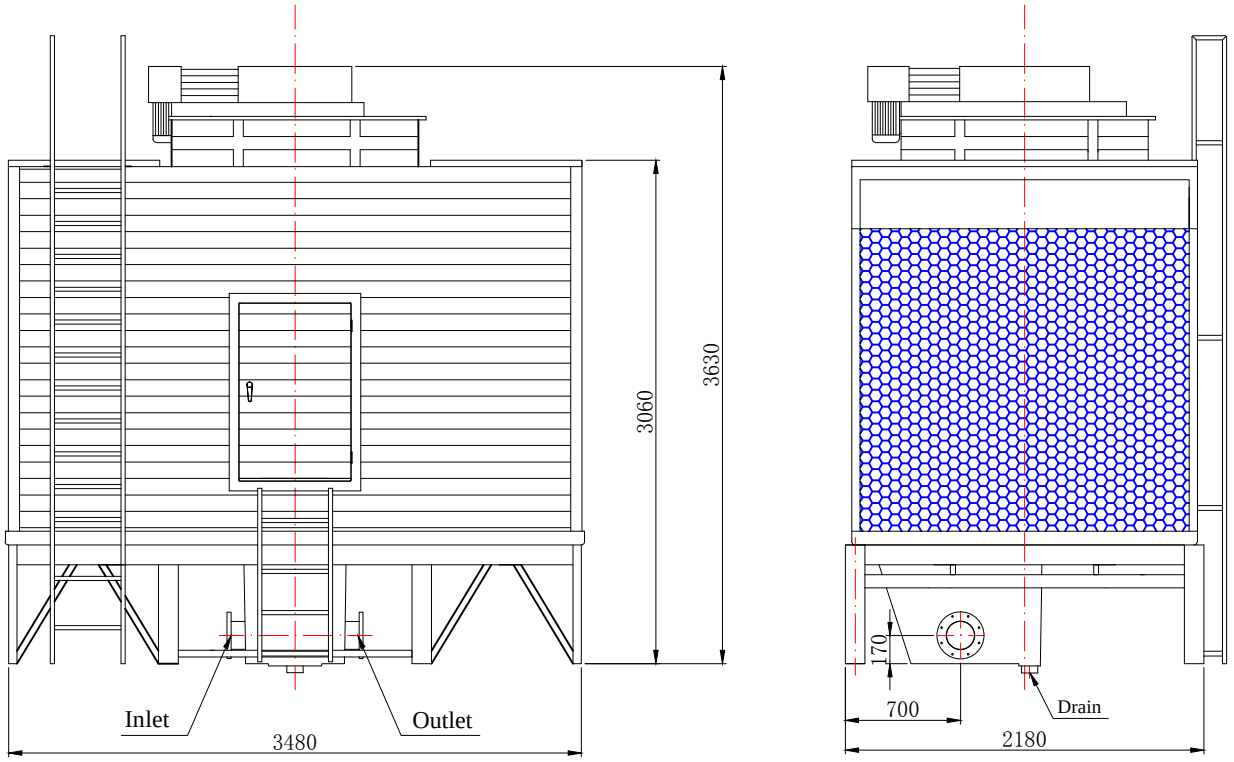
FAX : 06-7842 6723
E-mail : inquiry@thermal-cell.com



NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL

PIPING DETAILS

1	INLET	1 X DN150	GB FLANGE
2	OUTLET	1 X DN150	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN20	SOCKET

NOTES:
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2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS STANDARD SUPPLY
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-125C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-125C-1-SC-A
REV. 0

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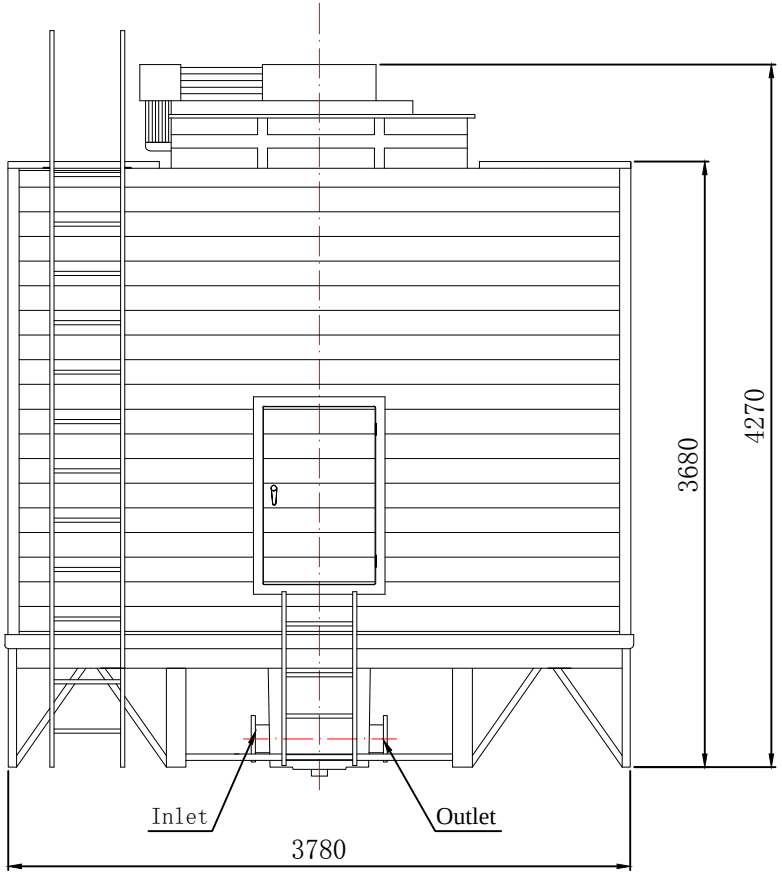

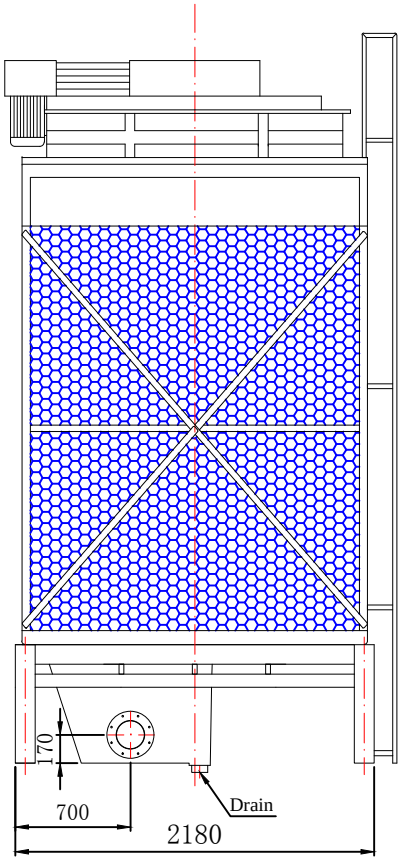

NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL

PIPING DETAILS

1	INLET	1 X DN150	GB FLANGE
2	OUTLET	1 X DN150	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN20	SOCKET

NOTES:
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3. INTERNAL PIPING IS STANDARD SUPPLY.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-150C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-150C-1-SC-A
REV. 0

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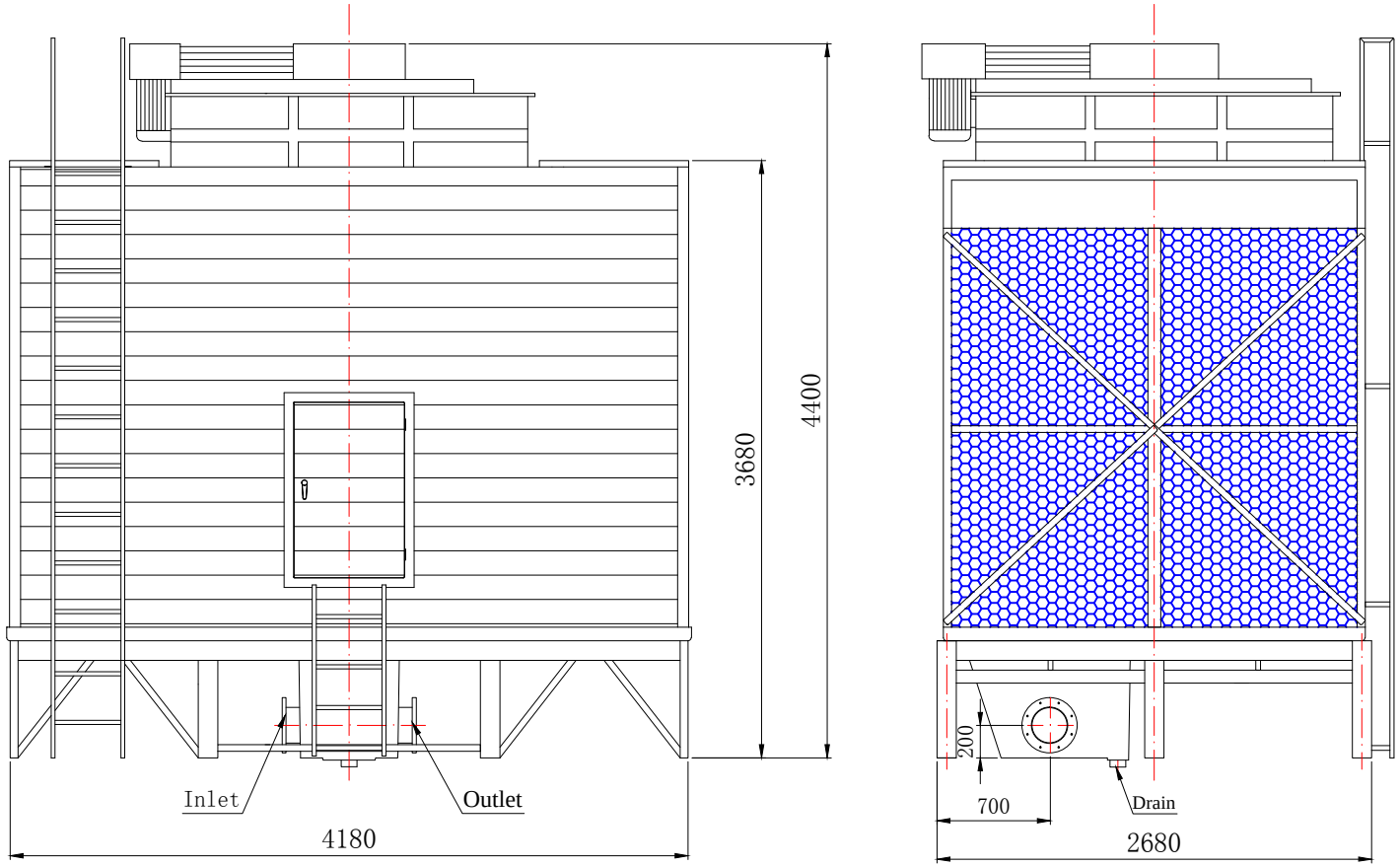

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1	MAIN STRUCTURE	HDG STEEL
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15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL

PIPING DETAILS

1	INLET	1 X DN200	GB FLANGE
2	OUTLET	1 X DN200	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN20	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS STANDARD SUPPLY
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

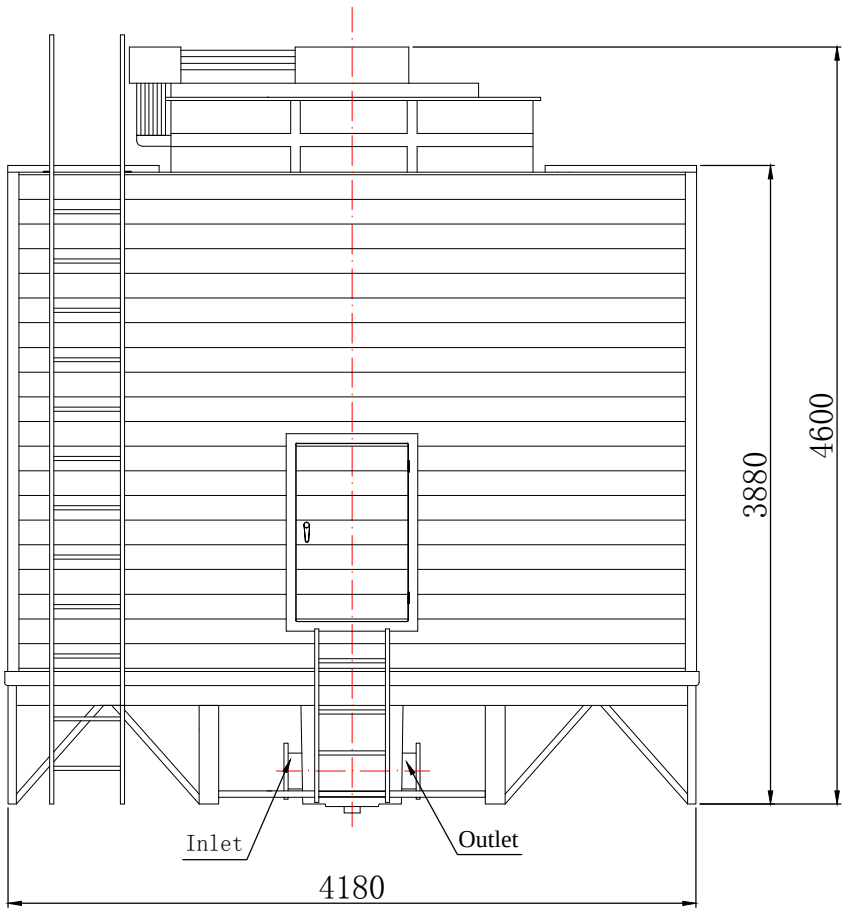
PROJECT :

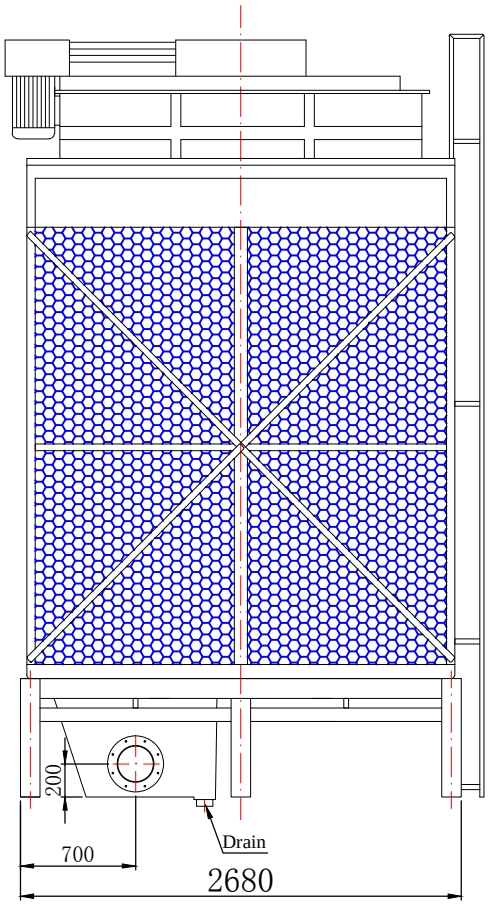
TITLE : SCHEMATIC DRAWING
MODEL TYH-175C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-175C-1-SC-A
REV. 0

THERMAL-CELL SDN BHD (618585-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7942 6733
FAX : 06-7942 6723
E-mail : inquiry@thermal-cell.com





NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL

PIPING DETAILS

1	INLET	1 X DN200	GB FLANGE
2	OUTLET	1 X DN200	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN25	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS STANDARD SUPPLY
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

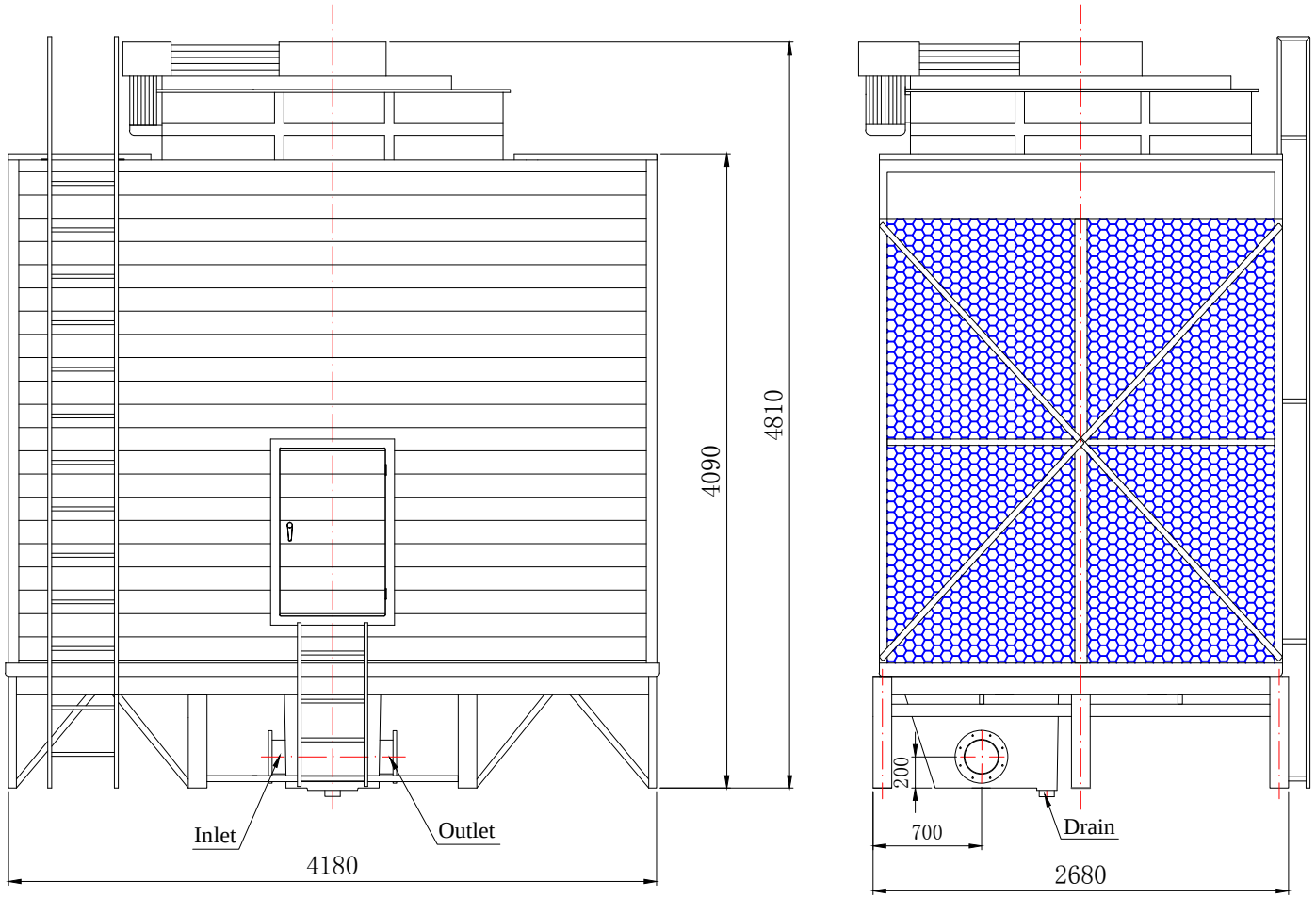
PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-200C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-200C-1-SC-A
REV. 0

THERMAL-CELL SDN BHD (616585-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7942 6733
FAX : 06-7942 6723
E-mail : inquiry@thermal-cell.com



NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL

PIPING DETAILS

1	INLET	1 X DN200	GB FLANGE
2	OUTLET	1 X DN200	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN25	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS STANDARD SUPPLY
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

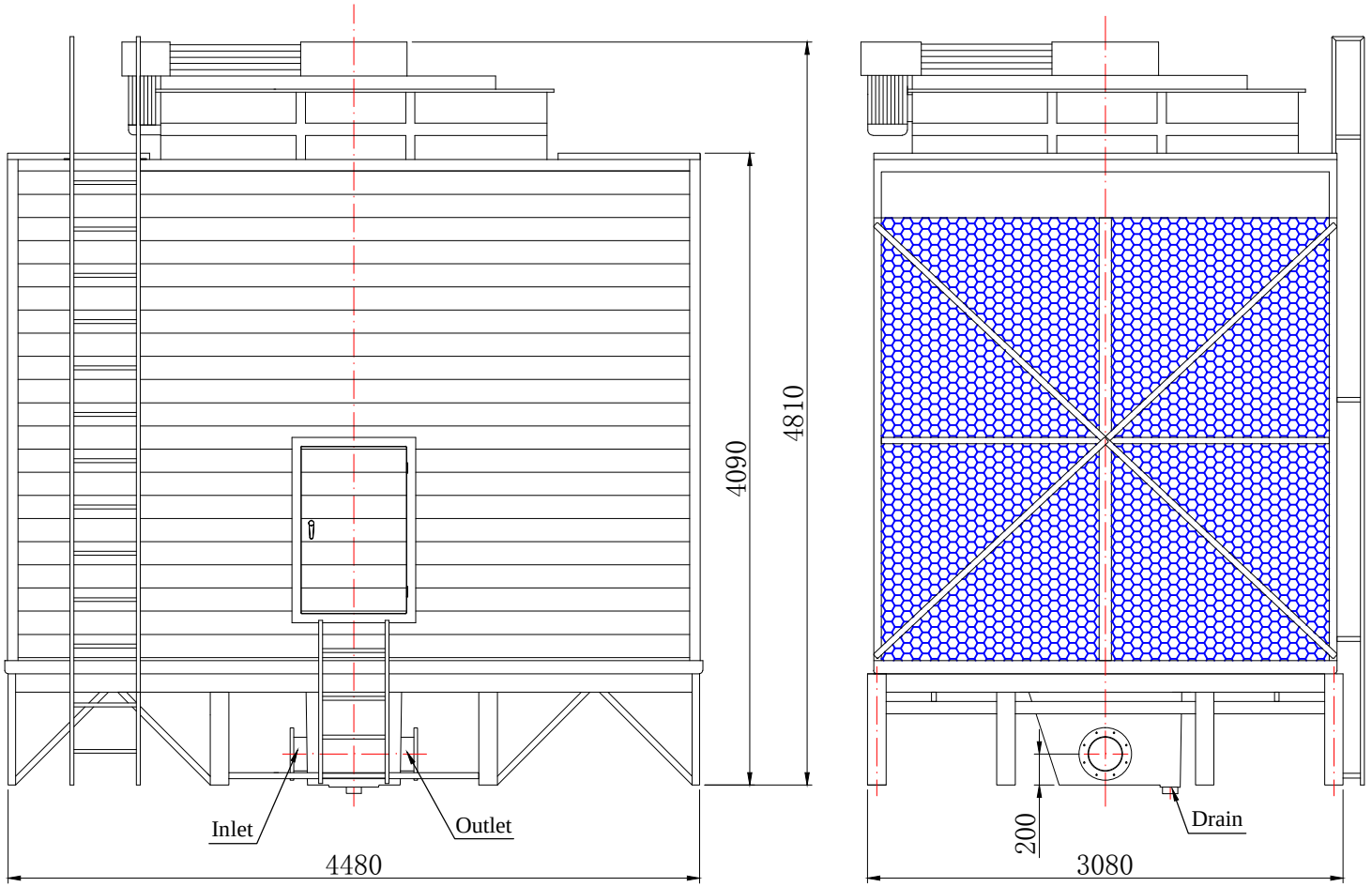
PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-225C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-225C-1-SC-A
REV. 0

THERMAL-CELL SDN BHD (818585-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7942 6733
FAX : 06-7942 6723
E-mail : inquiry@thermal-cell.com



NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL

PIPING DETAILS

1	INLET	1 X DN200	GB FLANGE
2	OUTLET	1 X DN200	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN25	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS STANDARD SUPPLY
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

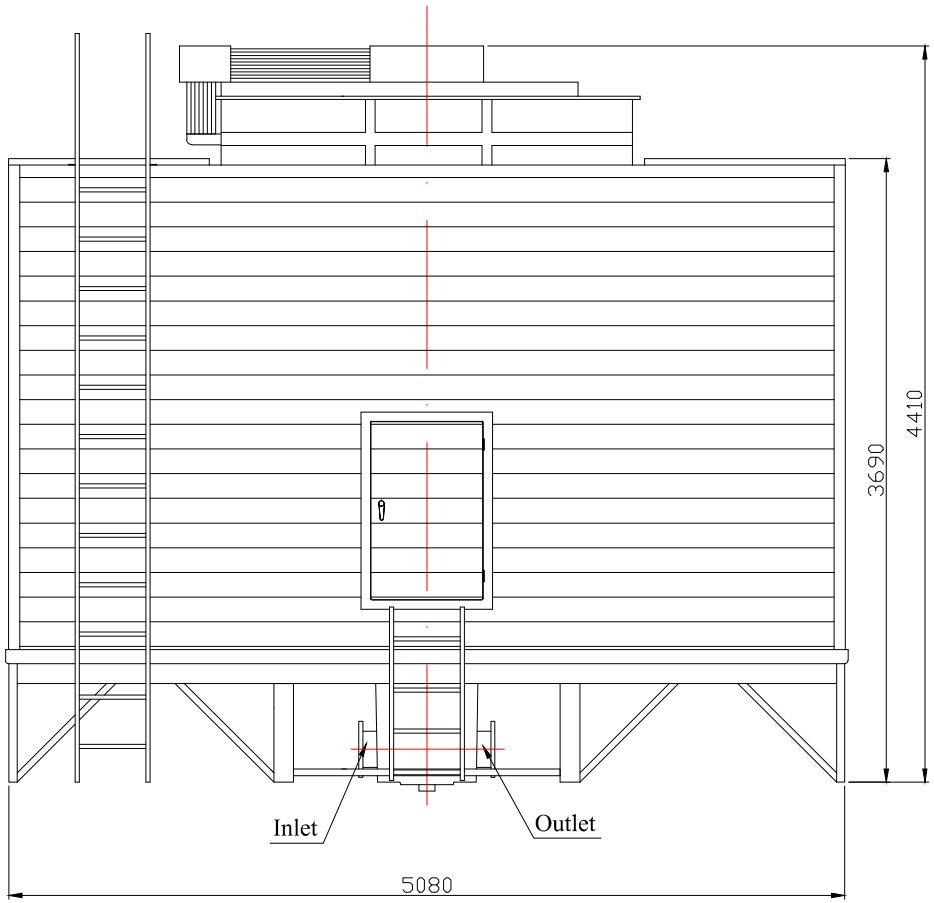
PROJECT :

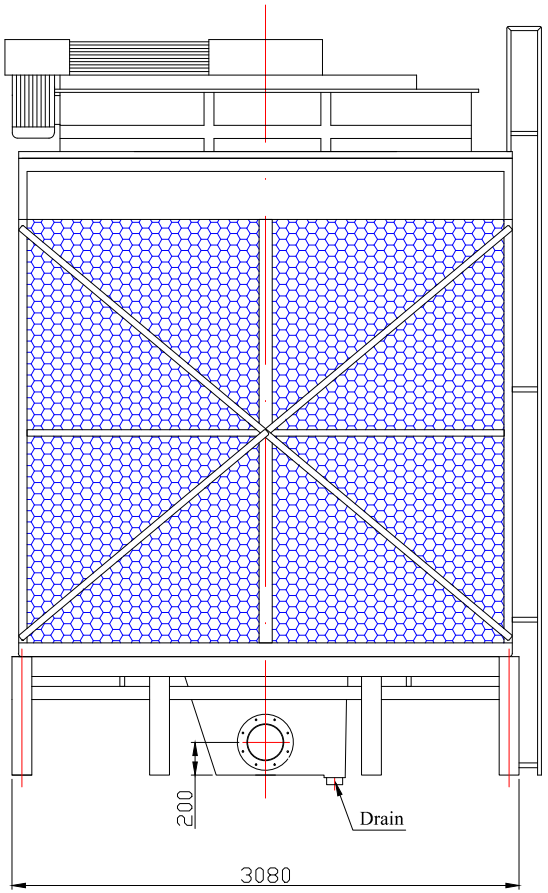
TITLE : SCHEMATIC DRAWING
MODEL TYH-250C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-250C-1-SC-A
REV. 0

THERMAL-CELL SDN BHD (818585-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7942 6733
FAX : 06-7942 6723
E-mail : inquiry@thermal-cell.com





NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL

PIPING DETAILS

1	INLET	1 X DN200	GB FLANGE
2	OUTLET	1 X DN200	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN25	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS STANDARD SUPPLY
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-300C-1-SC

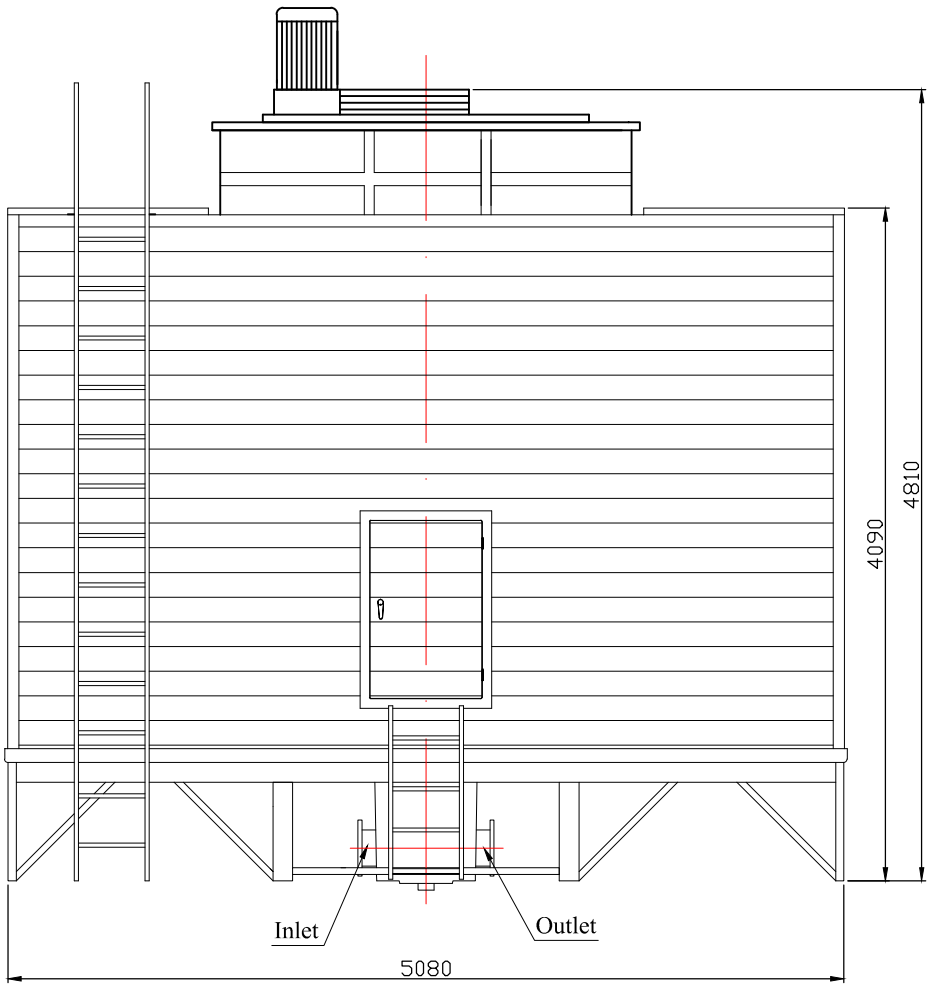
SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

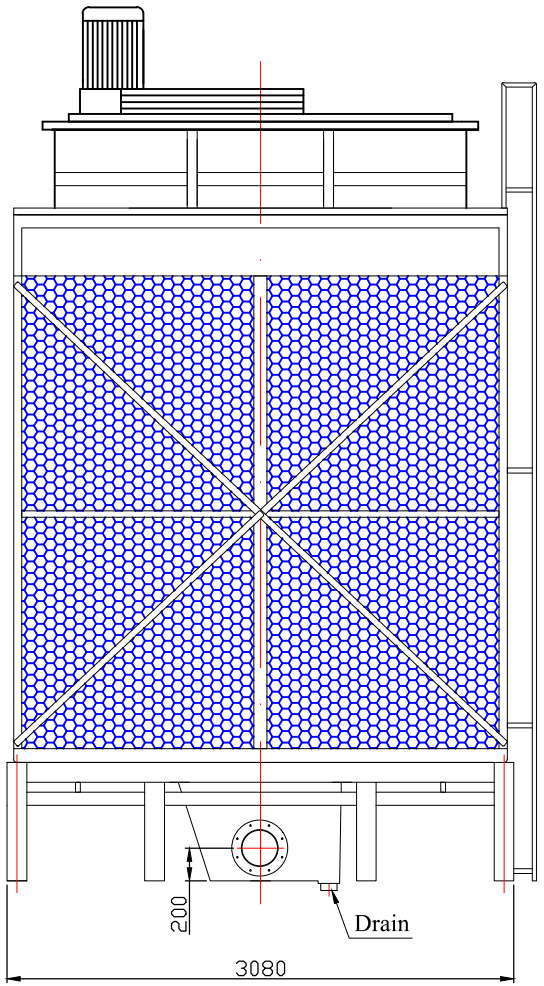
SHEET NUMBER : 1 OF 1

DRAWING NUMBER : TYH-300C-1-SC-A

REV. 0

THERMAL-CELL SDN BHD (616686-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7842 6733
FAX : 06-7842 6723
E-mail : inquiry@thermal-cell.com





NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING	HDG STEEL

PIPING DETAILS

1	INLET	1 X DN200	GB FLANGE
2	OUTLET	1 X DN200	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN40	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS STANDARD SUPPLY
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

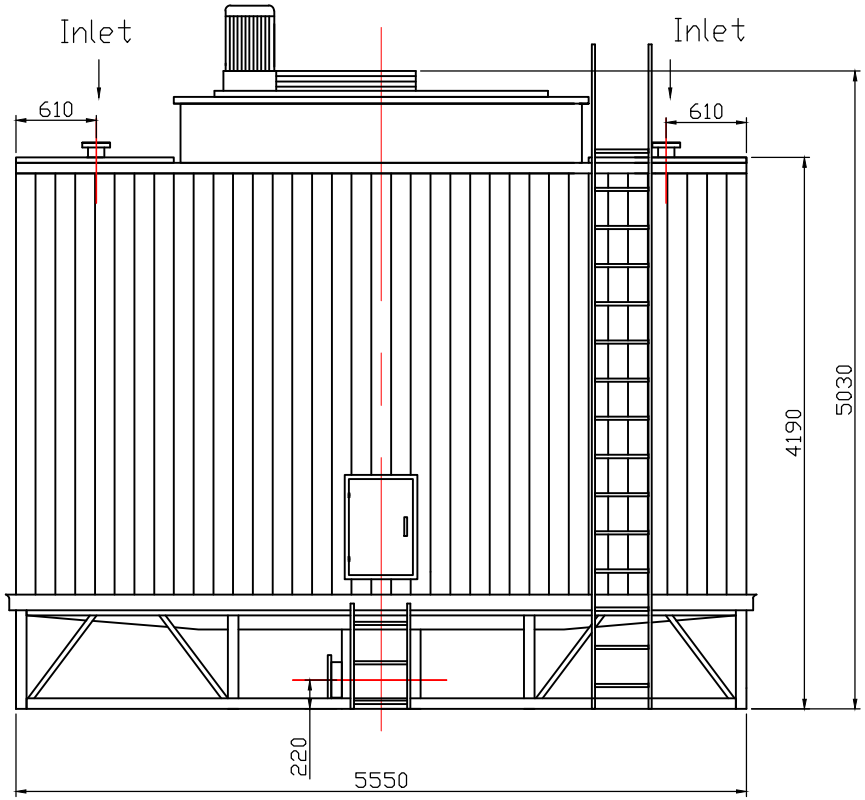
PROJECT :

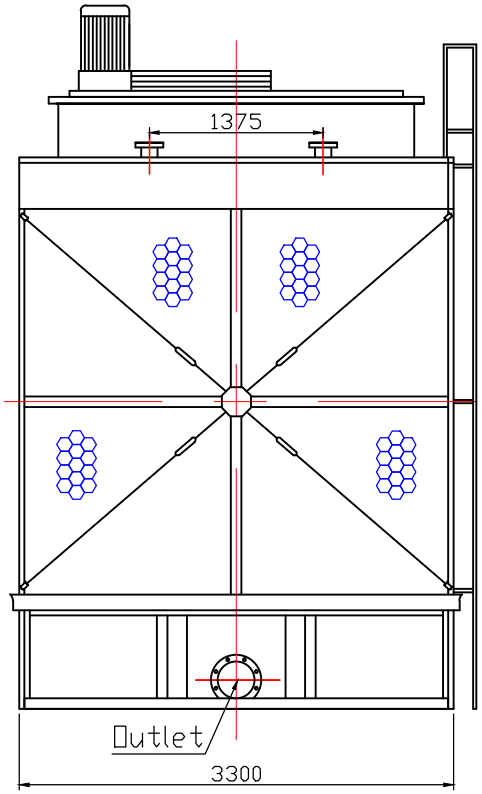
TITLE : SCHEMATIC DRAWING
MODEL TYH-350C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-350C-1-SC-A
REV. 0

THERMAL-CELL SDN BHD(616886-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7942 6733
FAX : 06-7942 6723
E-mail : inquiry@thermal-cell.com





NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIOANAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN125	GB FLANGE
2	OUTLET	1 X DN250	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN40	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-400C-1-SC

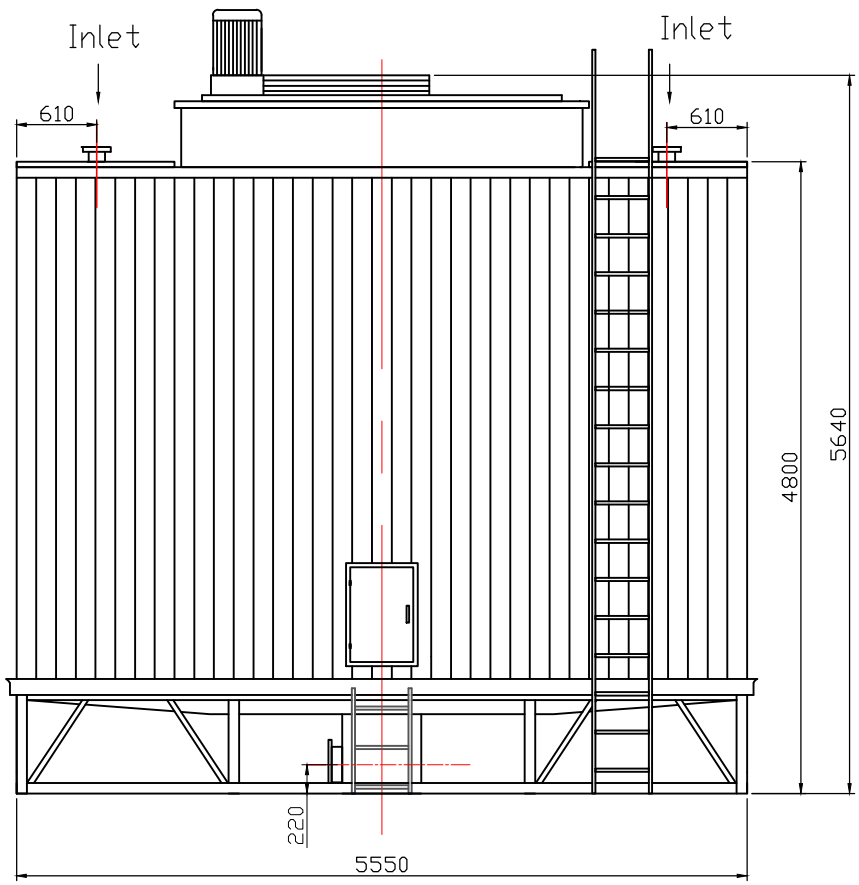
SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

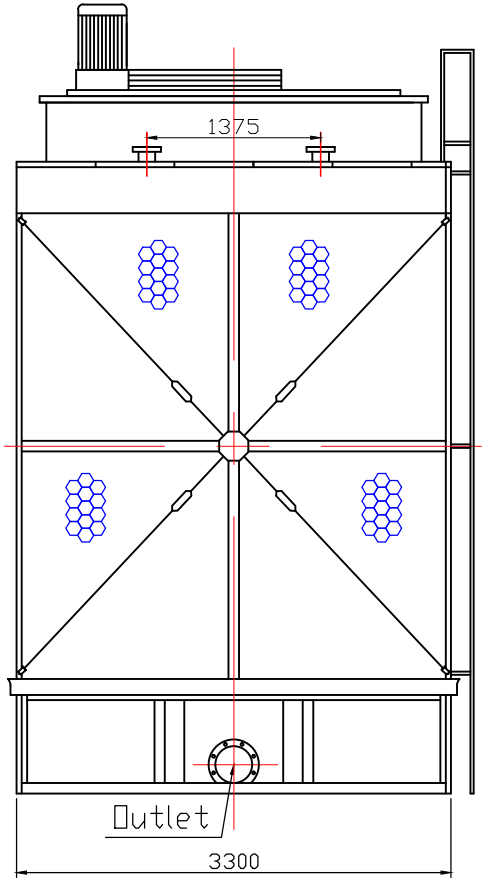
SHEET NUMBER : 1 OF 1

DRAWING NUMBER : TYH-400C-1-SC-A

REV. 0

THERMAL-CELL SDN BHD (615886-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7942 6733
FAX : 06-7942 6723
E-mail : inquiry@thermal-cell.com





NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIONAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN125	GB FLANGE
2	OUTLET	1 X DN250	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN40	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-450C-1-SC

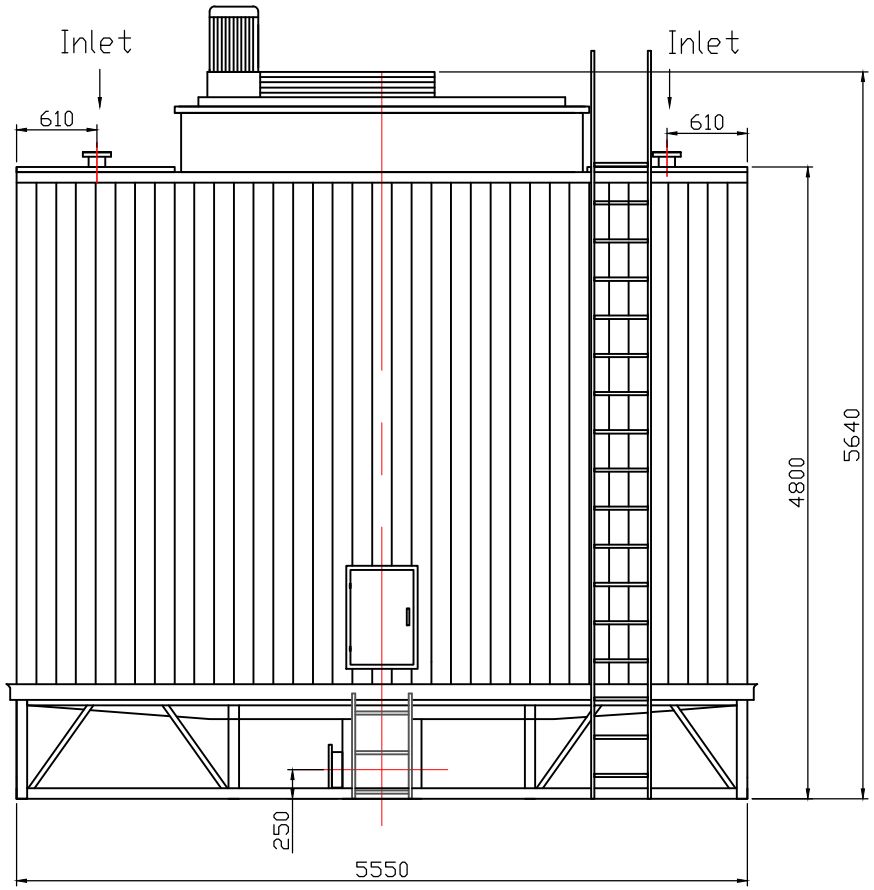
SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

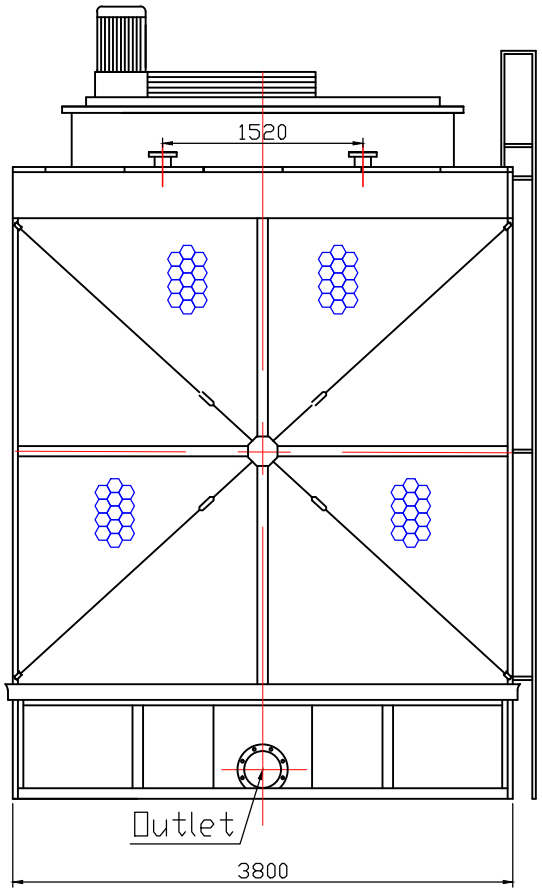
SHEET NUMBER : 1 OF 1

DRAWING NUMBER : TYH-450C-1-SC-A

REV. 0

THERMAL-CELL SDN BHD (615585-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7942 6733
FAX : 06-7942 6723
E-mail : inquiry@thermal-cell.com





NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIONAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN150	GB FLANGE
2	OUTLET	1 X DN300	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN40	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-500C-1-SC

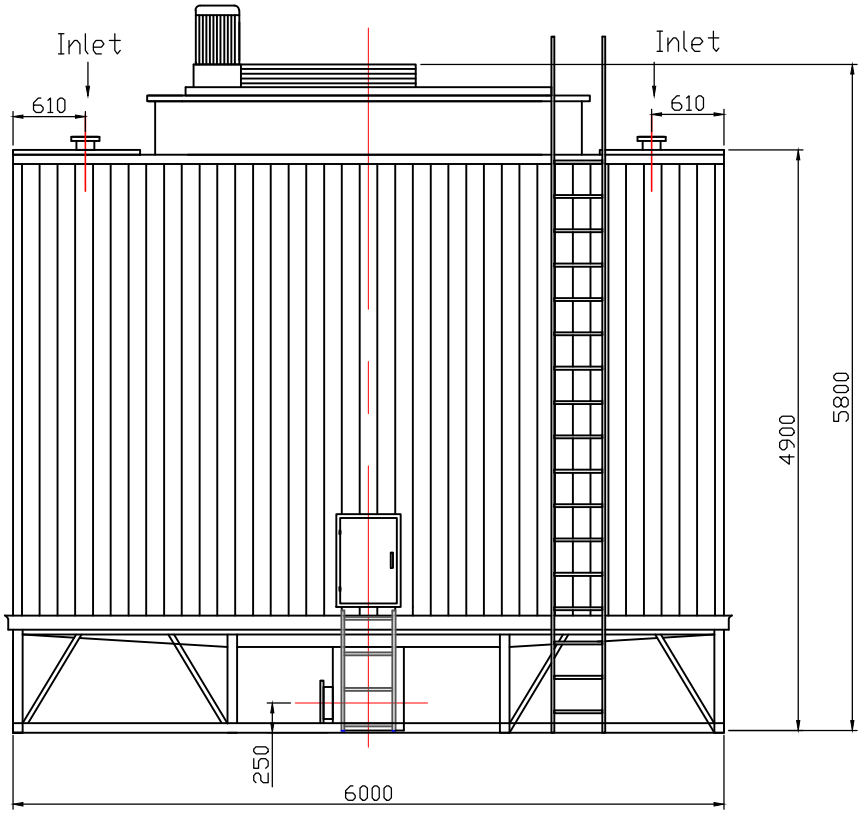
SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

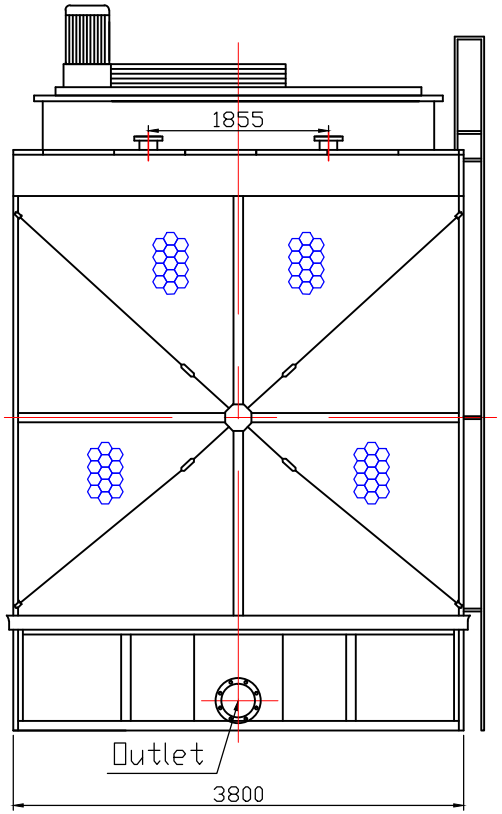
SHEET NUMBER : 1 OF 1

DRAWING NUMBER : TYH-500C-1-SC-A

REV. 0

THERMAL-CELL SDN BHD (616886-M)
PT 10618, JALAN PERMATA 2,
ARAB MALAYSIA INDUSTRIAL PARK
71800 NILAI, NEGERI SEMBILAN
TEL : 06-7842 6733
FAX : 06-7842 6723
E-mail : inquiry@thermal-cell.com





NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIONAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN150	GB FLANGE
2	OUTLET	1 X DN300	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN50	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-550C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-550C-1-SC-A
REV. 0

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71800 NILAI, NEGERI SEMBILAN
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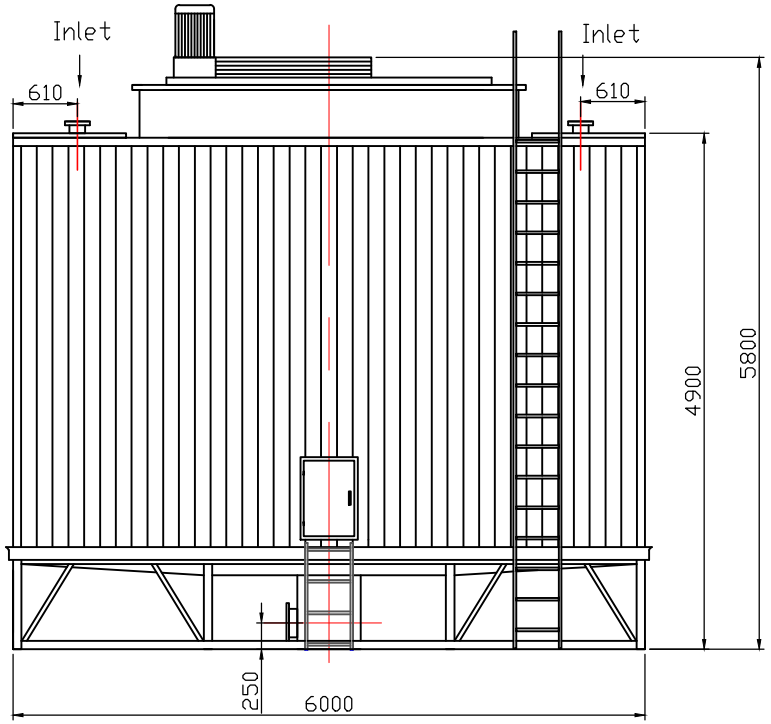

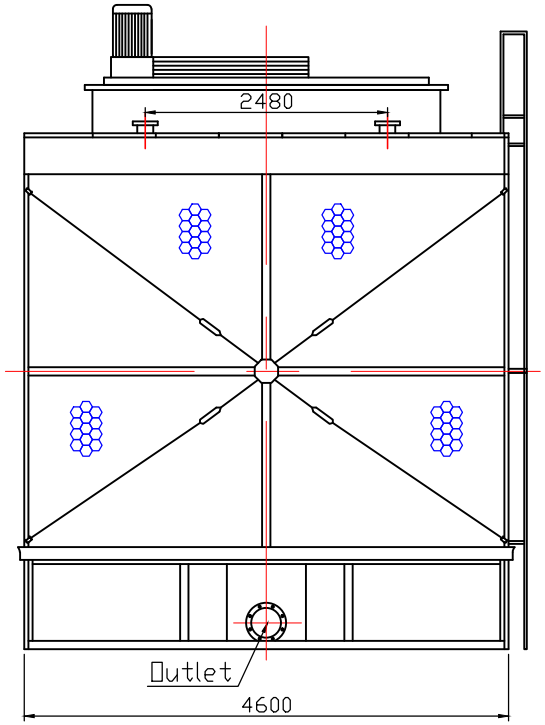

NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIONAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN150	GB FLANGE
2	OUTLET	1 X DN300	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN50	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-600C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-600C-1-SC-A
REV. 0

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71800 NILAI, NEGERI SEMBILAN
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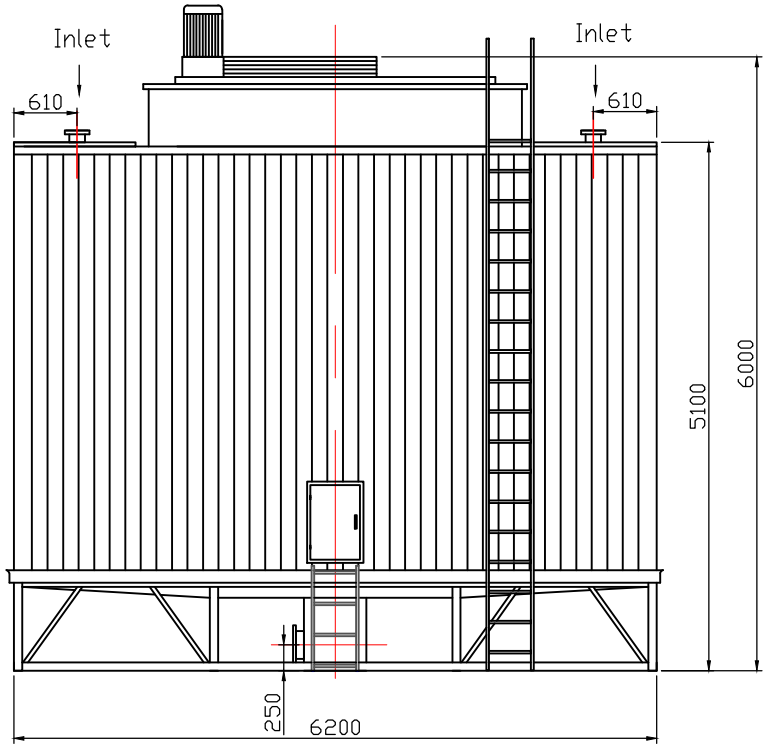
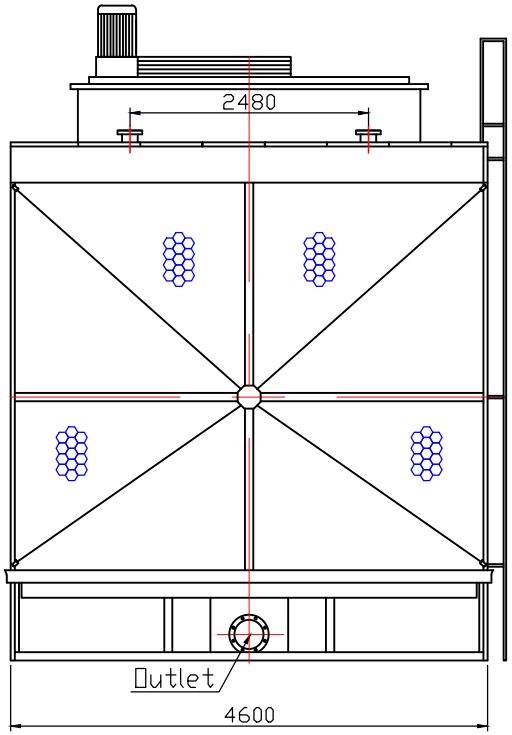
E-mail : inquiry@thermal-cell.com





NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIONAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN150	GB FLANGE
2	OUTLET	1 X DN300	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN50	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-700C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-700C-1-SC-A
REV. 0

THERMAL-CELL SDN BHD (615886-M)
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71800 NILAI, NEGERI SEMBILAN
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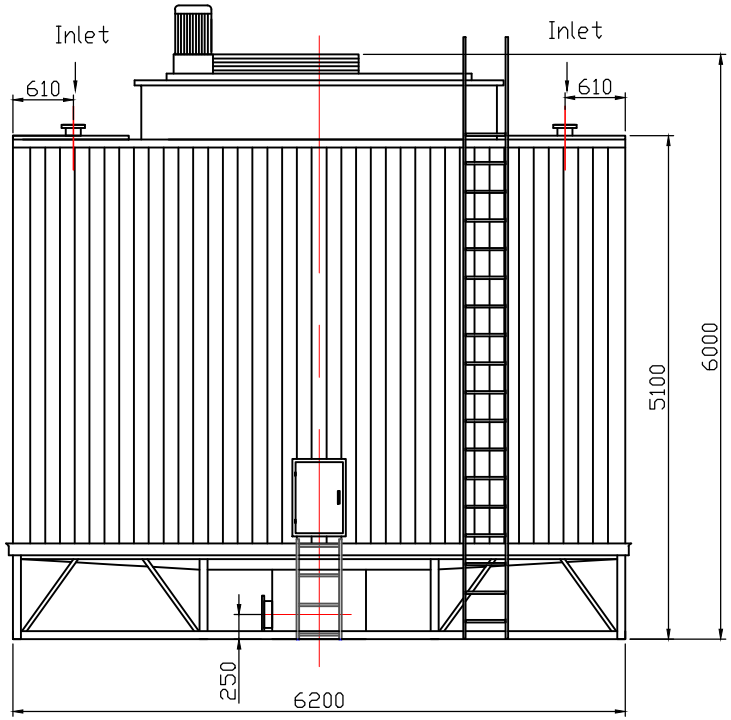

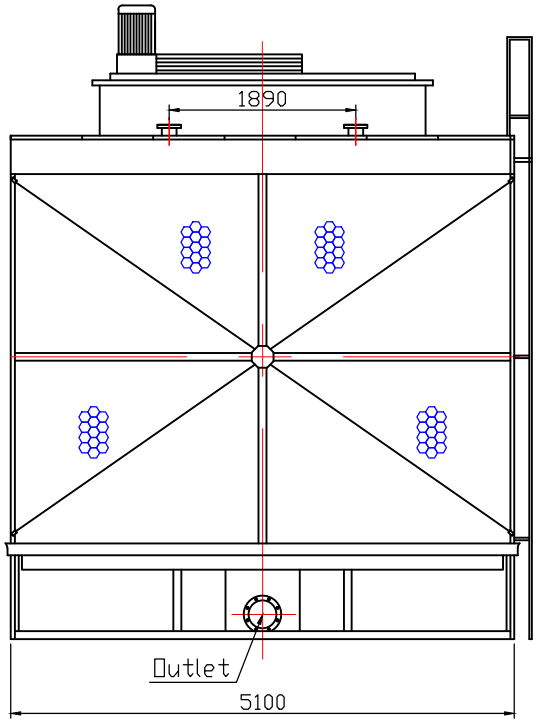

NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIONAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN150	GB FLANGE
2	OUTLET	1 X DN300	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	1 X DN50	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-800C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-800C-1-SC-A
REV. 0

THERMAL-CELL SDN BHD (615686-M)
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71800 NILAI, NEGERI SEMBILAN
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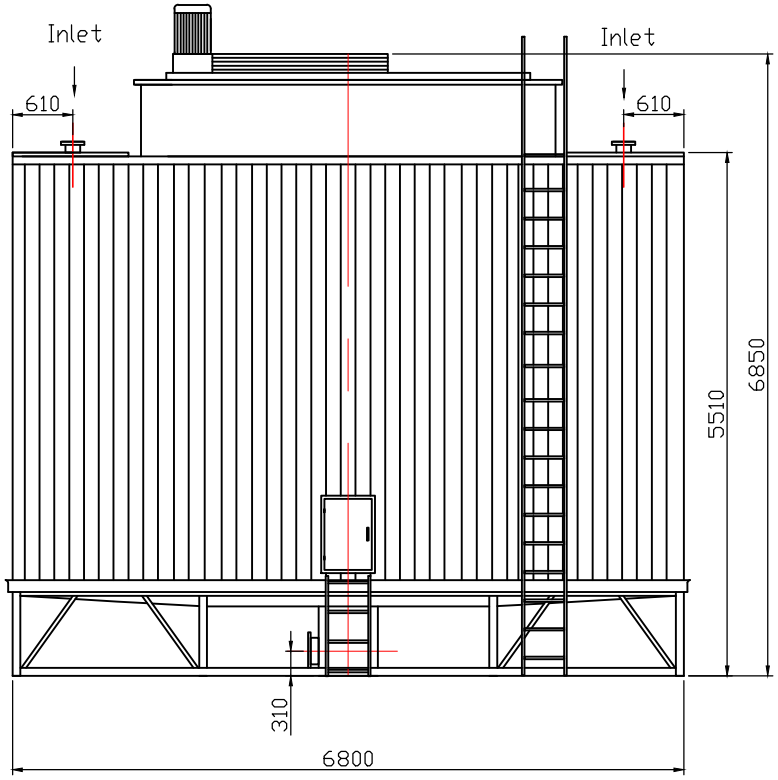

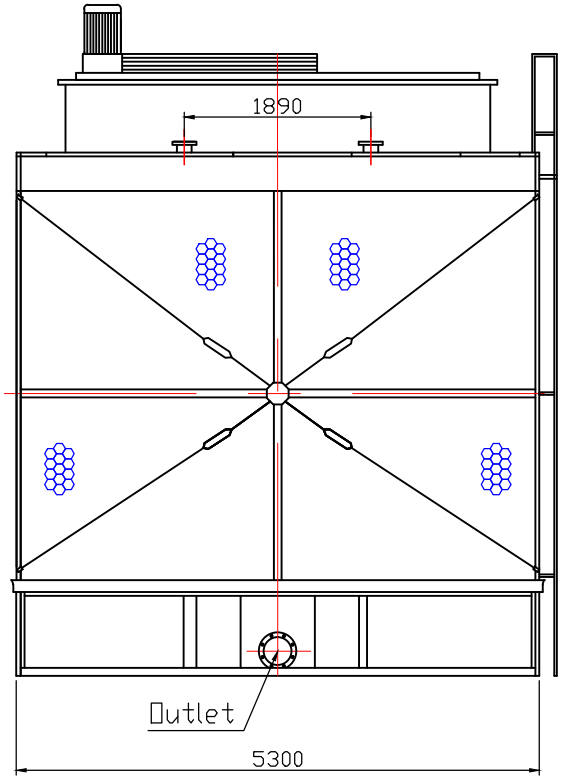

NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIONAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN200	GB FLANGE
2	OUTLET	1 X DN350	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	2 X DN50	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-900C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1
DRAWING NUMBER : TYH-900C-1-SC-A
REV. 0

THERMAL-CELL SDN BHD (615886-M)
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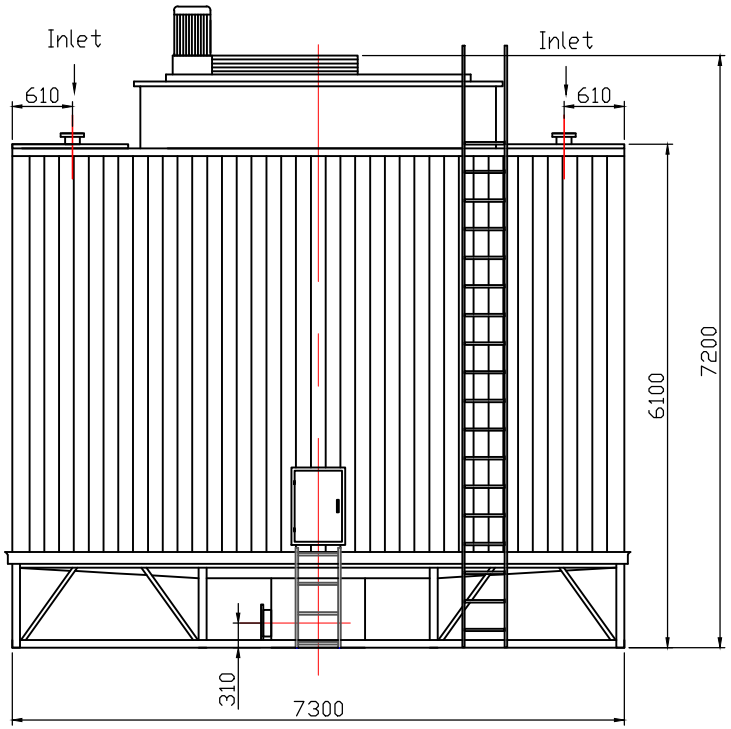

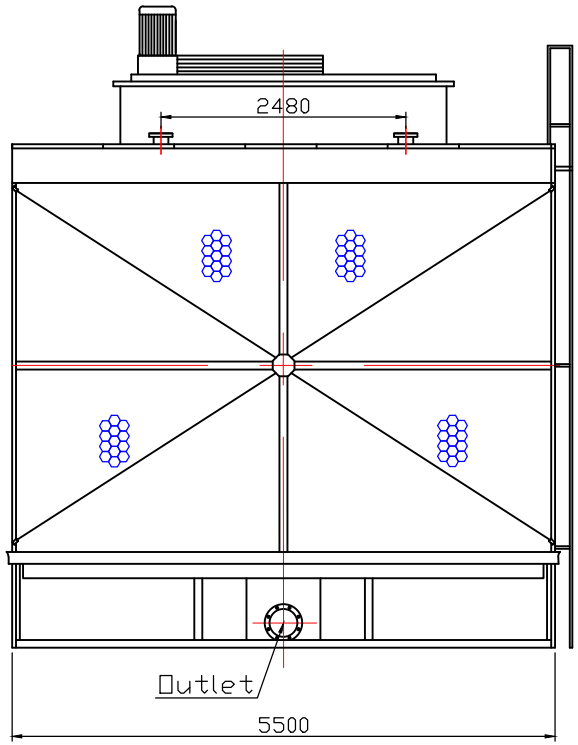

NO	COMPONENTS	MATERIALS
1	MAIN STRUCTURE	HDG STEEL
2	CASING	FRP
3	FAN CYLINDER	FRP
4	FAN GUARD	HDG STEEL
5	ACCESS LADDER	HDG STEEL
6	BOLTS & NUTS	SUS304
7	FILLS	PVC
8	DRIFT ELIMINATORS (INTERGRAL TO FILLS)	PVC
9	LOUVERS (INTEGRAL TO FILLS)	PVC
10	ACCESS DOOR	FRP
11	MOTOR & FAN PULLEY	CAST IRON
12	FAN BLADES	ALUMINUM
13	MECHANICAL SUPPORT	HDG STEEL
14	NOZZLES	POLYPROPYLENE
15	HOT WATER BASIN COVERS	FRP
16	FLANGES	HDG STEEL
17	FAN BELT	POLYESTER / RUBBER
18	SUMP	FRP
19	COLD WATER BASIN	FRP
20	INTERNAL PIPING (OPTIONAL)	HDG STEEL

PIPING DETAILS

1	INLET	4 X DN200	GB FLANGE
2	OUTLET	1 X DN350	GB FLANGE
3	DRAIN	1 X DN50	SOCKET
4	OVERFLOW	1 X DN80	SOCKET
5	AUTO MAKE-UP	2 X DN50	SOCKET

NOTES:
1. ALL THE UNITS ARE IN MILLIMETER.
2. IF COOLING TOWERS ARE EQUIPPED WITH EQUALIZER BETWEEN DIFFERENT TOWERS, IT IS IMPORTANT TO ADJUST THE FOUNDATION HEIGHT TO ENSURE THE SAME OPERATING WATER LEVEL.
3. INTERNAL PIPING IS OPTIONAL.
4. CONNECTING FLANGES ARE PROVIDED.

REV	DATE	DESCRIPTION	BY	CHKD.

PROJECT :

TITLE : SCHEMATIC DRAWING
MODEL TYH-1000C-1-SC

SCALE	DATE :	DRN. BY:	CHKD. BY:	APPR. BY:	CAD
NTS	09/07/12	GYRAY	GHYH	MK	

SHEET NUMBER : 1 OF 1

DRAWING NUMBER : TYH-1000C-1-SC-A

REV. 0

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