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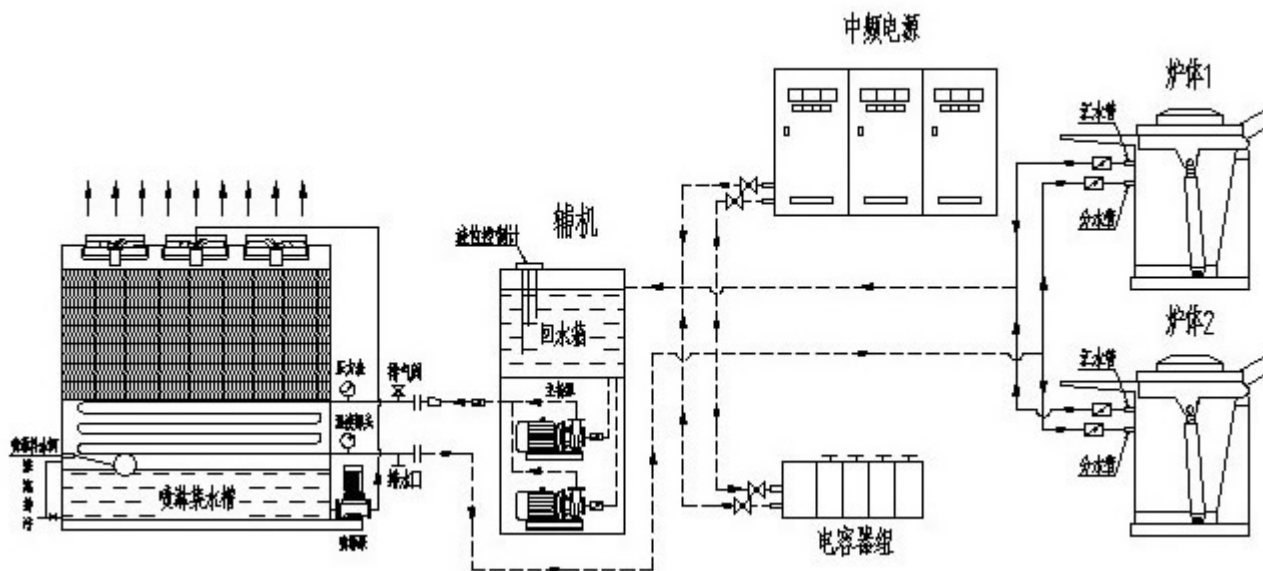
Closed Circuit Cooling Towers, Series FLHB



Product Characteristics

- * Totally enclosed circulation cooling, completely eradicate pipe blockage by sundries;
- * Adopting soft water circulation cooling, thus no scale forming to damage the evacuated tube, controlled silicon, IGTB power, water cooling reactor, or inductance coil;
- * No need to dig pool; covering small area, and easy to change location;
- * Automatic digital display temperature controlling, energy conservation, simplicity of operation;
- * With consistent closed water cooling pattern with towers from European and American developed countries

Working principle



Range of application

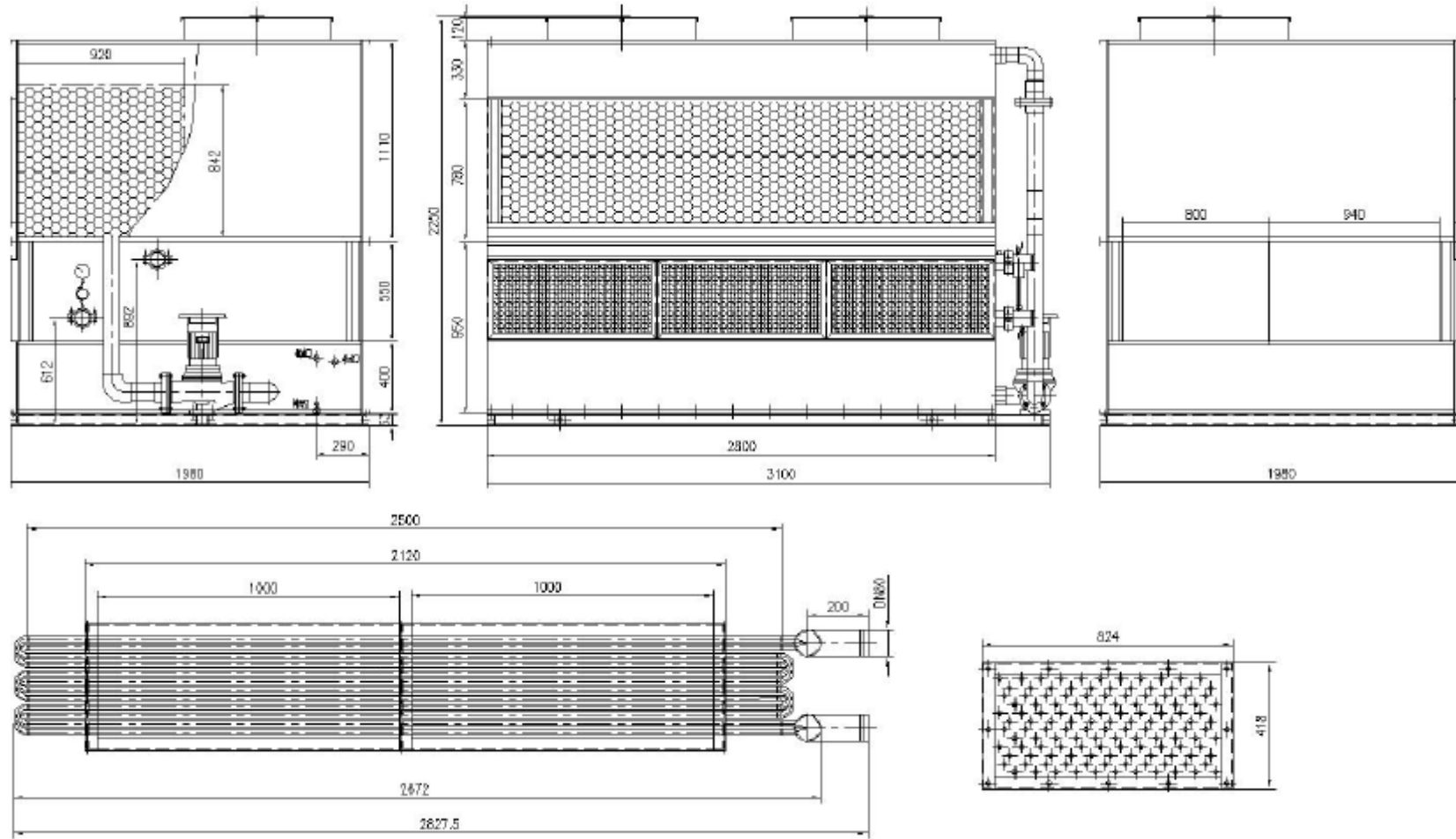
- * Induction heating complete equipments, diathermanous equipments;
- * High and medium frequency power, IGTB quenching complete equipments;
- * Die casting machine, injection molding machine;
- * Rectifying installation, resistance welding machine;
- * Single crystal furnace, continuous casting crystallizer, glass furnace;
- * Food, chemicals, air compressors, central air-conditioning system

Outline of models

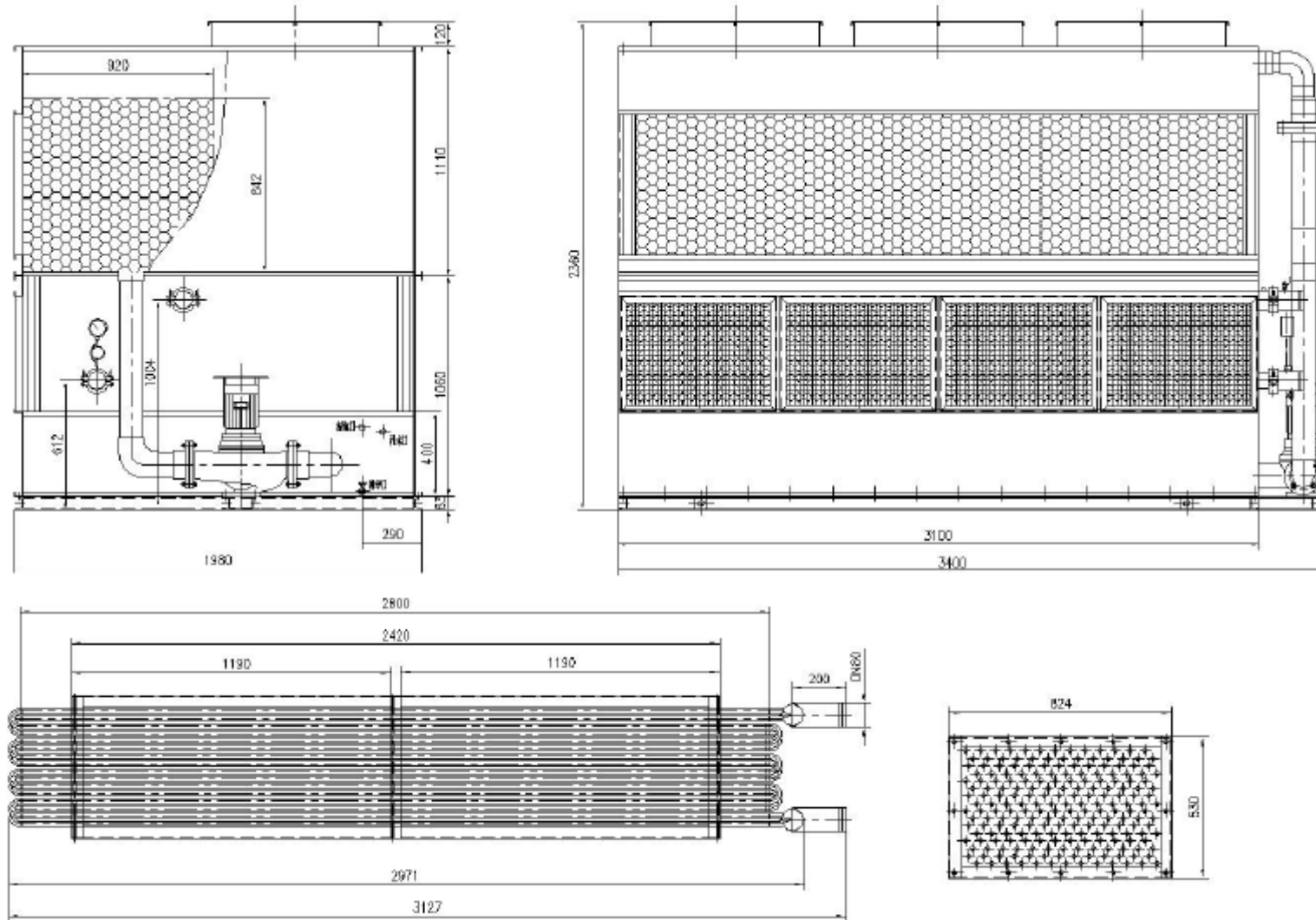
Closed Circuit Cooling Towers											
Models	Cooling capacity (37-32-28 °C)	Inlet and outlet pipe Diameter of host machine	Water rate (m ³ /h)	Spray pump			Fan		Outline dimension L×W×H (mm×mm×mm)	Weight of host machine (T)	Operating weight (T)
				Inlet-Outlet Diameter, mm	Impeller Size, mm	Motor Size kW/ Poles	Power (KW)	Air flow rate (m ³ /h)			
FLHB-B1	138 000 kcal	DN80	27.6	80	160	1.1/4	1.1×2 (750FZL)	51600	3100×1980×2325	1.1	2.6
FLHB-B2	184 000 kcal	DN80	36.8	100	150	1.5/4	1.1×3 (750FZL)	57000	3400×1980×2495	1.25	2.85
FLHB-B3	230 000 kcal	DN100	46	100	160	2.2/4	1.5×3 (750FZL)	77400	3400×2050×2770	1.36	3.06
FLHB-B4	299 000 kcal	DN125	59.8	100	160	2.2/4	2.2×3 (750FZL)	116200	3400×2340×2770	1.5	3.2
FLHB-B5	368 000 kcal	DN125	73.6	125	150	3/4	2.2×4 (800FZL)	137000	4130×2340×2990	2	5.7
FLHB-B6	460 000 kcal	DN125	92	125	160	4/4	2.2×4 (800FZL)	137000	4130×2340×2990	2.1	5.8
FLHB-B7	575 000 kcal	DN150	115	125	160	4/4	2.2×4 (800FZL)	172000	4660×2440×3460	3	7.6
FLHB-B8	690 000 kcal	DN150	138	125	200	5.5/4	2.2×4 (800FZL)	172000	5400×2440×3460	3.7	8.7

Drawings (Outline and Coil/cooler)

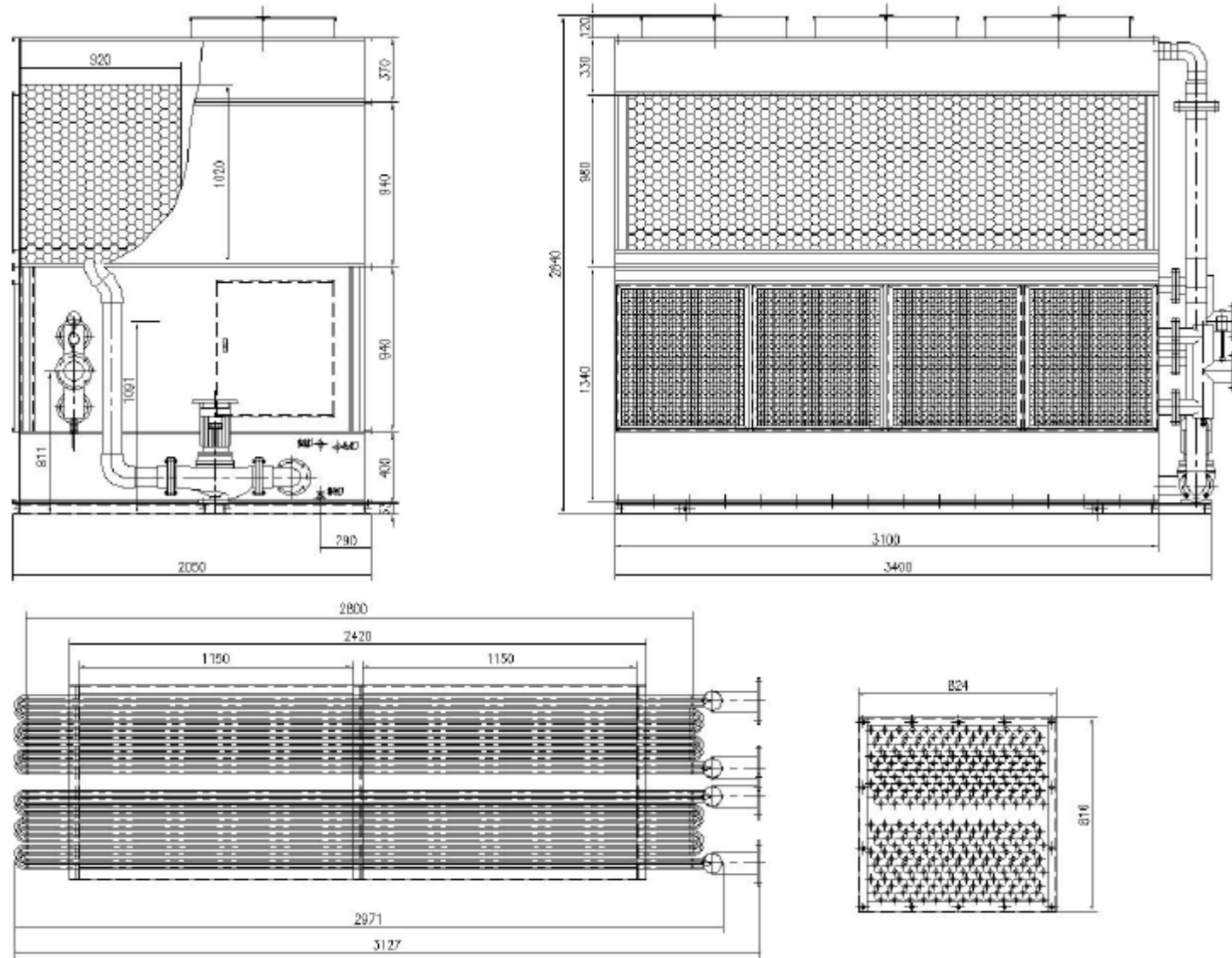
FLHB-B1



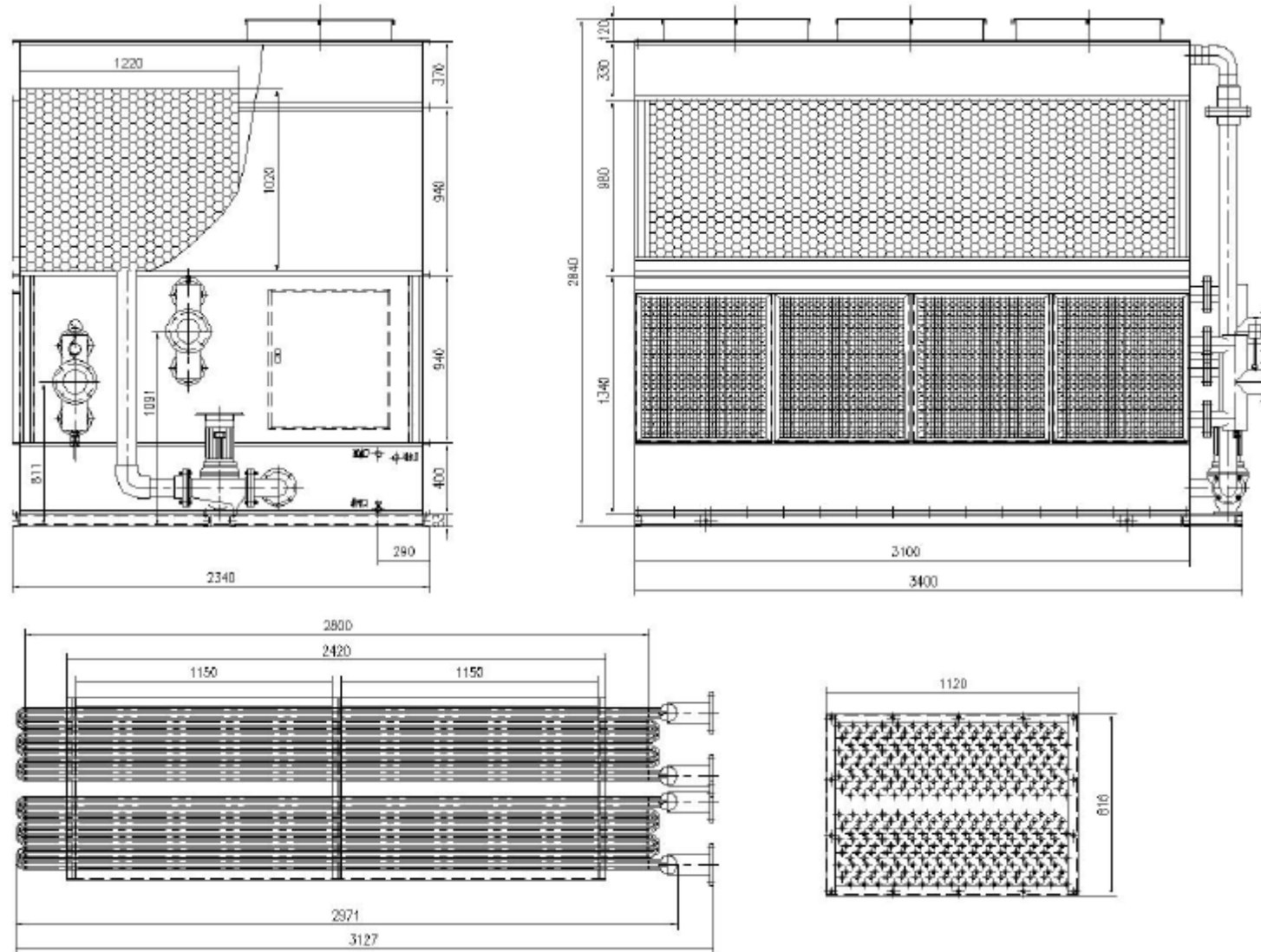
FLBH-B2



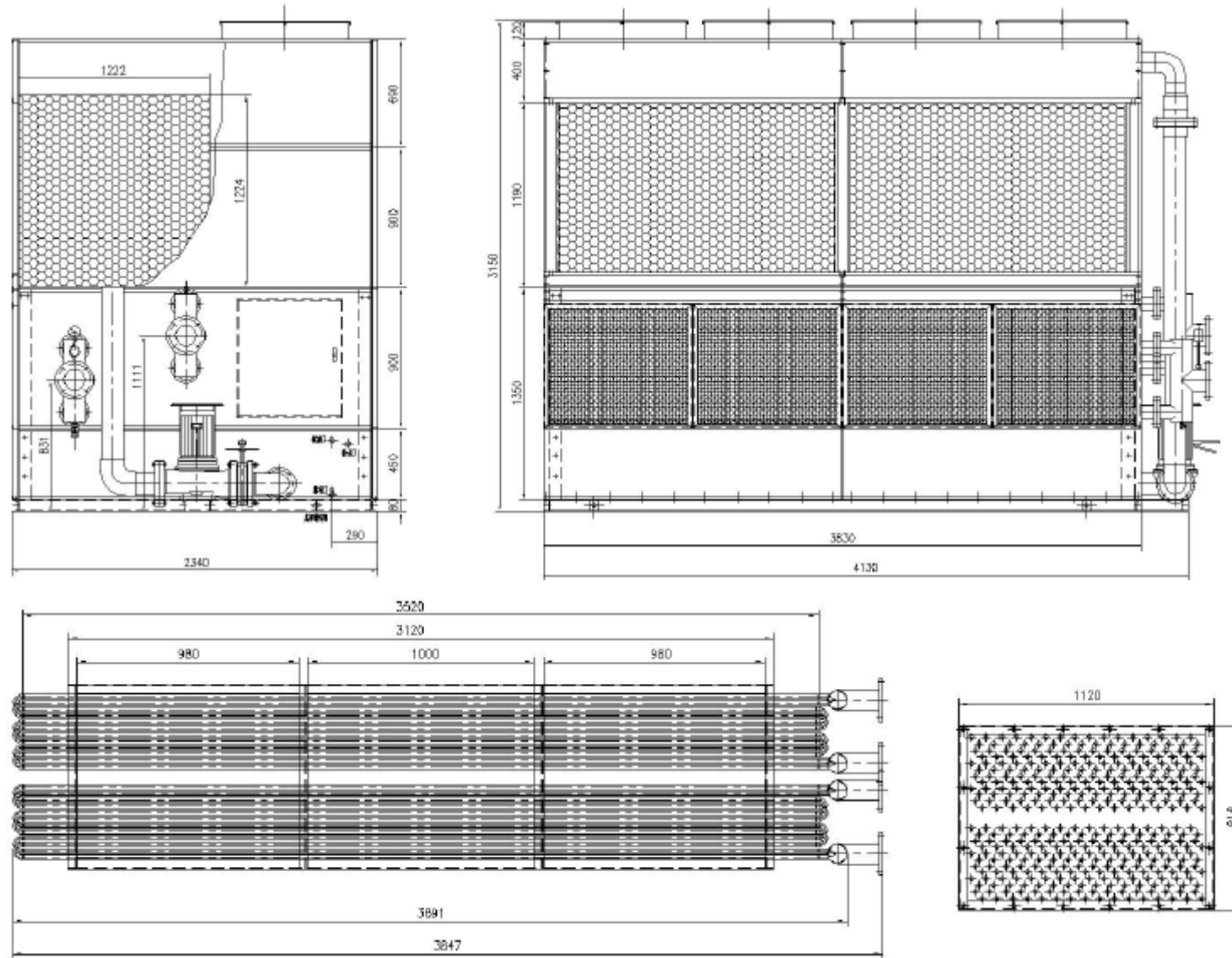
FLBH-B3



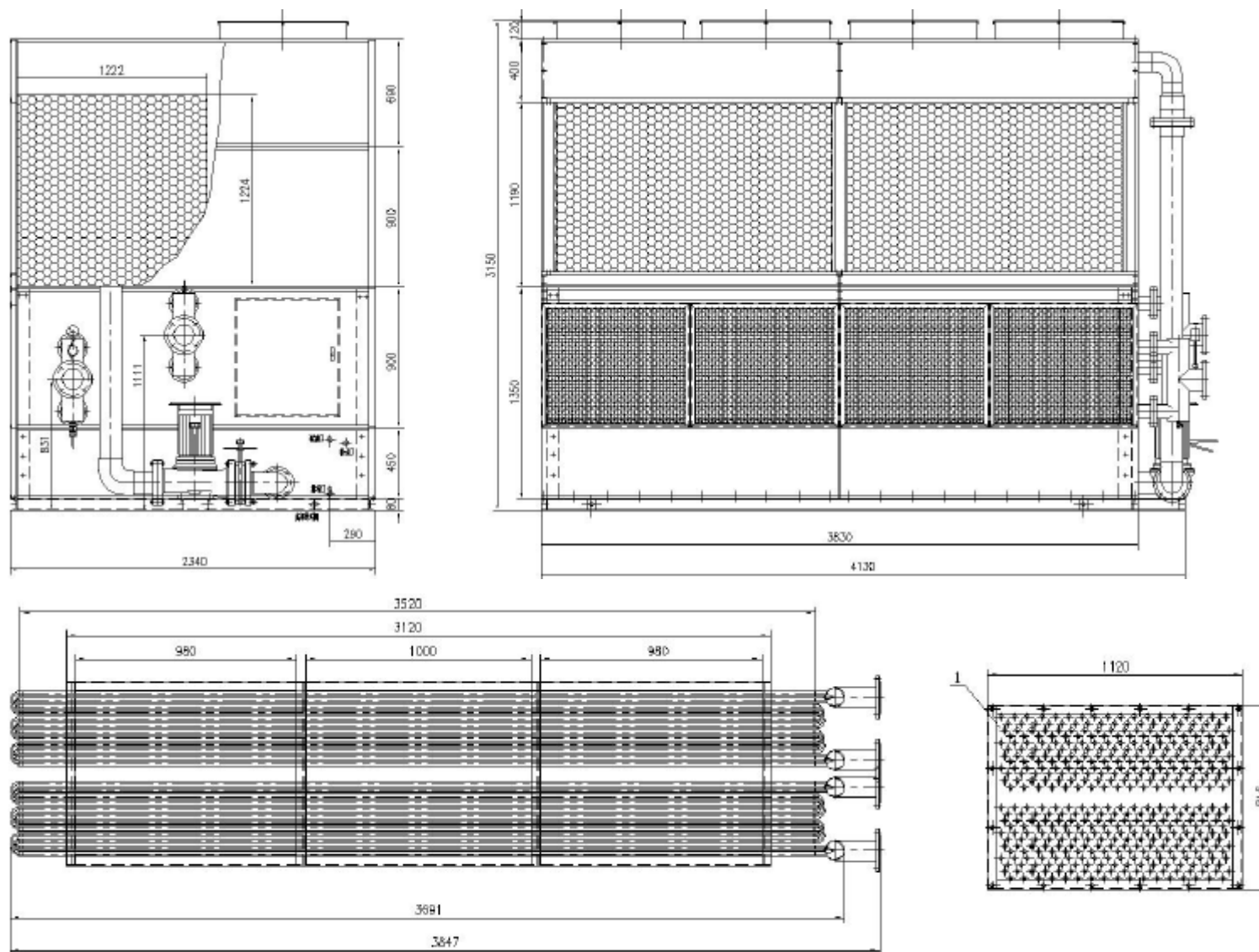
FLBH-B4



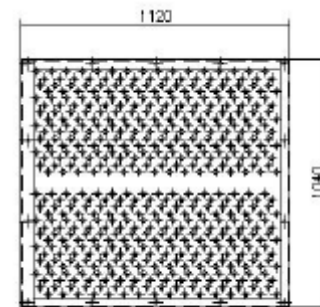
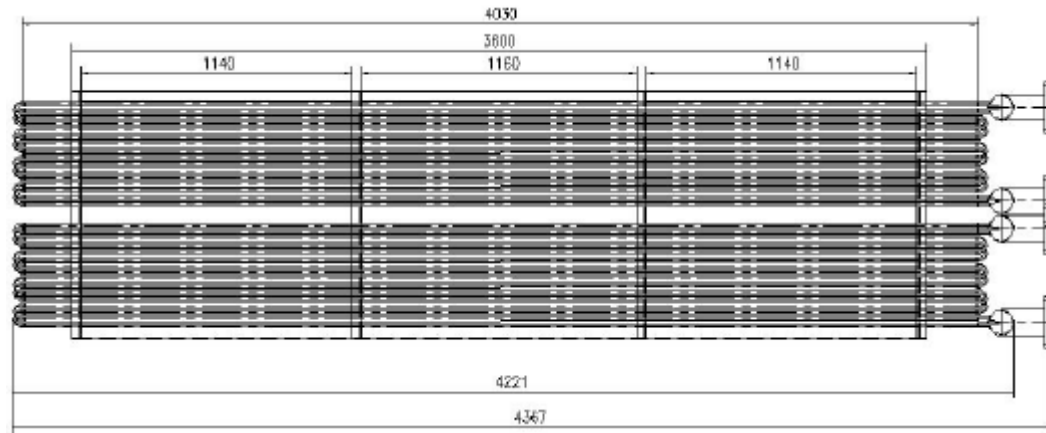
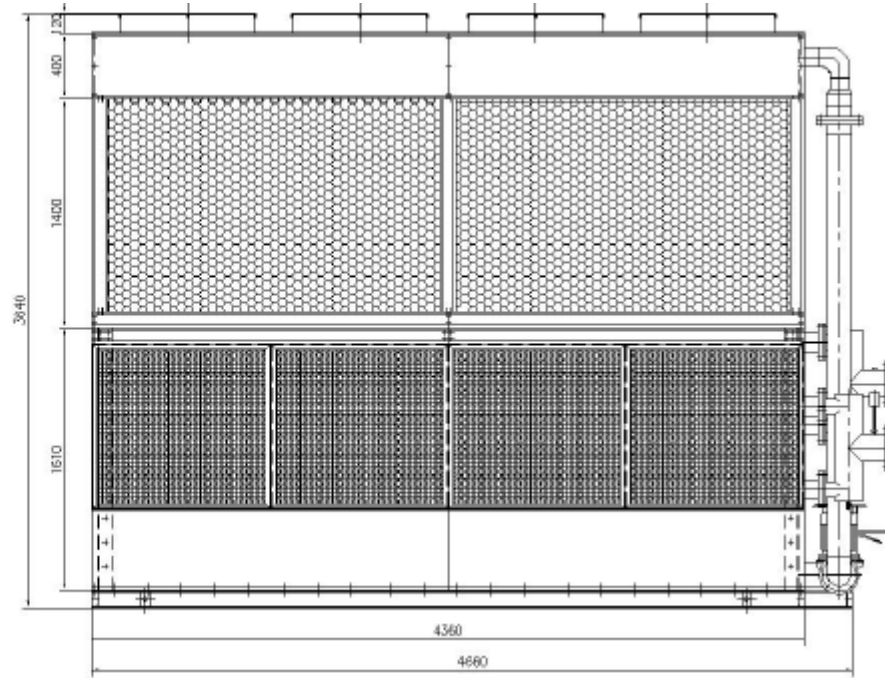
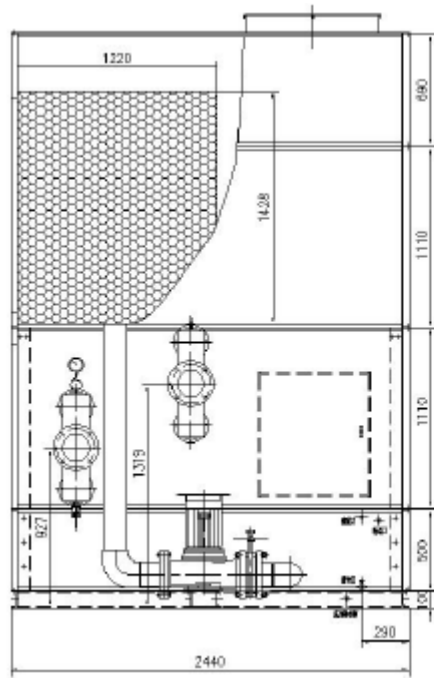
FLBH-B5



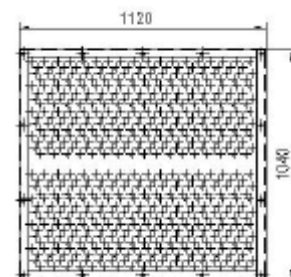
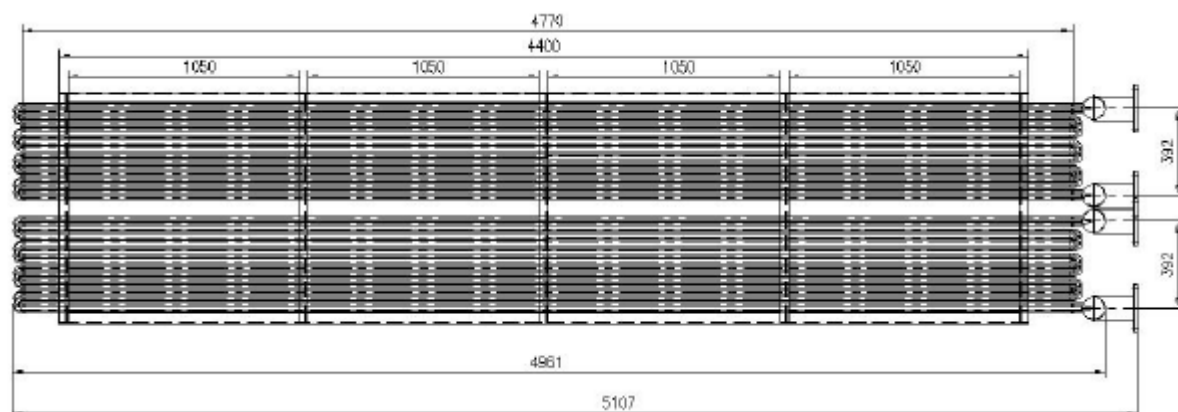
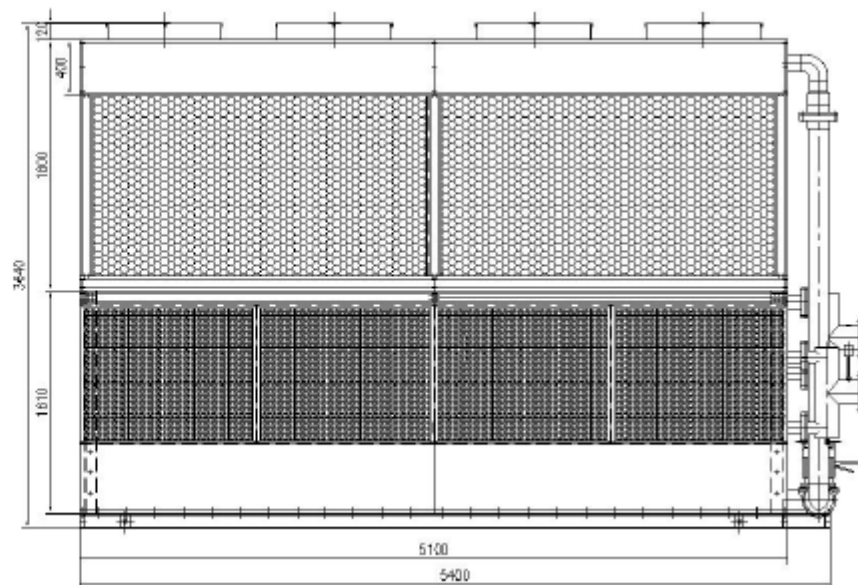
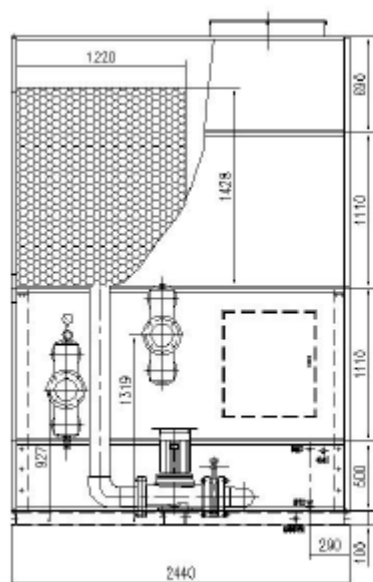
FLBH-B6



FLBH-B7



FLBH-B8





Series FLHB Selection Tables

Wet Bulb Tem. °C	14°C															
Inlet and Outlet water temperature difference °C	5					6					7		8		9	
Inlet water tem. °C	33	32	31	30	29	34	33	32	31	30	35	34	36	35	37	36
Outlet water tem. °C	28	27	26	25	24	28	27	26	25	24	28	27	28	27	28	27
	(m ³ /h)															
FLHB-B1	36	34	33	31	30	38	36	34	33	31	40	38	41	40	43	40
FLHB-B2	48	46	43	41	39	50	48	46	43	41	52	51	54	52	58	54
FLHB-B3	61	57	54	52	49	63	61	57	54	52	66	63	68	66	73	68
FLHB-B4	78	75	71	68	64	81	78	75	71	68	86	83	89	86	94	88
FLHB-B5	97	91	87	84	79	99	97	91	87	84	105	101	110	105	116	109
FLHB-B6	121	114	110	104	98	125	121	114	110	104	132	127	137	132	144	136
FLHB-B7	151	143	136	131	123	156	151	151	136	131	165	159	171	165	180	170
FLHB-B8	181	171	164	156	148	187	181	171	164	156	198	190	205	198	217	204

Wet Bulb Tem. °C	16°C															
Inlet and Outlet water temperature difference °C	5					6					7		8		9	
Inlet water tem. °C	35	34	33	32	31	36	35	34	33	32	37	36	38	37	39	38
Outlet water tem. °C	30	29	28	27	26	30	29	28	27	26	30	29	30	29	30	29
	(m ³ /h)															
FLHB-B1	40	39	36	35	33	41	40	38	37	34	43	42	45	44	48	46
FLHB-B2	52	51	48	47	44	55	53	51	49	45	58	57	61	59	63	61
FLHB-B3	66	63	61	58	54	69	67	63	61	57	73	71	75	74	80	76
FLHB-B4	86	83	78	75	71	90	86	83	79	74	94	92	98	96	103	99
FLHB-B5	105	102	97	93	87	110	107	102	98	91	116	113	121	118	127	121
FLHB-B6	132	128	121	117	109	138	133	127	122	114	145	142	152	147	159	153
FLHB-B7	165	159	151	145	136	173	167	159	153	142	181	178	190	184	199	190
FLHB-B8	198	191	181	175	163	207	201	190	183	171	217	213	227	221	239	228

Wet Bulb Tem. °C	18°C													
Inlet and Outlet water temperature difference °C	5				6				7		8		9	
Inlet water tem. °C	37	36	35	34	38	37	36	35	39	38	40	39	41	40
Outlet water tem. °C	32	31	30	29	32	31	30	29	32	31	32	31	32	31
	(m ³ /h)													
FLHB-B1	47	45	43	38	49	49	45	40	52	51	54	53	57	54
FLHB-B2	63	61	57	51	65	64	61	54	69	67	73	71	75	73
FLHB-B3	78	75	72	63	82	81	75	67	86	85	91	88	95	91
FLHB-B4	101	98	93	83	106	105	98	87	112	110	118	115	123	118
FLHB-B5	124	121	114	102	131	129	121	108	138	134	145	142	152	145
FLHB-B6	156	152	144	127	163	161	151	135	173	168	181	177	190	181
FLHB-B7	194	190	179	159	203	202	189	168	216	211	226	221	237	226
FLHB-B8	234	227	214	190	245	242	226	202	259	253	272	265	284	272

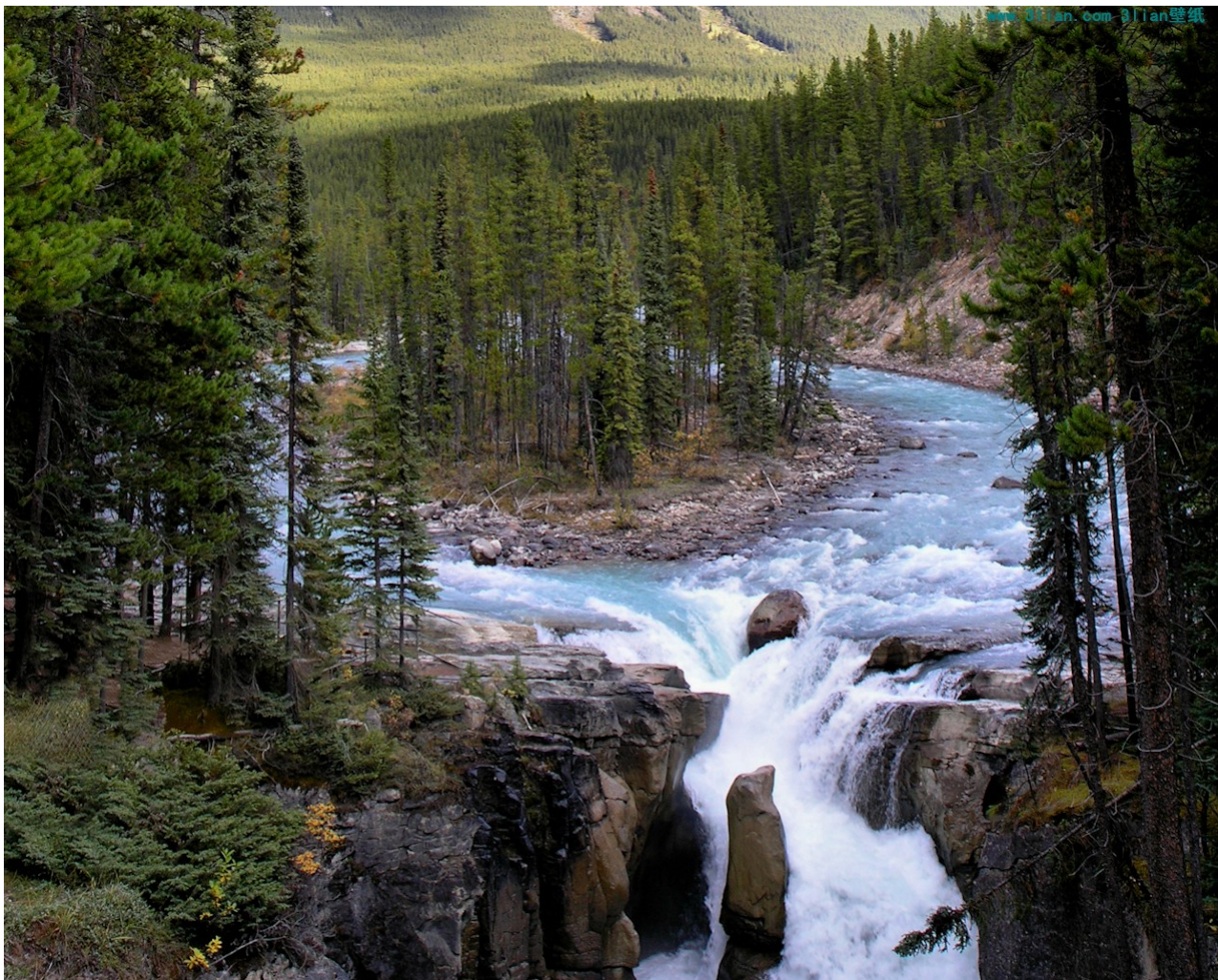
Wet Bulb Tem. °C	20°C													
Inlet and Outlet water temperature difference °C	5				6				7		8		9	
Inlet water tem. °C	38	37	36	35	39	38	37	36	40	39	41	40	42	41
Outlet water tem. °C	33	32	31	30	33	32	31	30	33	32	33	32	33	32
	(m ³ /h)													
FLHB-B1	45	43	40	38	49	45	42	40	51	47	53	50	54	52
FLHB-B2	61	57	54	51	64	61	57	52	67	63	71	66	73	69
FLHB-B3	75	72	68	63	81	75	71	65	85	78	88	83	90	86
FLHB-B4	98	93	88	82	105	98	92	86	110	102	115	108	118	112
FLHB-B5	121	114	109	101	129	121	114	105	134	125	142	133	145	138
FLHB-B6	152	144	136	126	161	151	143	132	168	157	177	166	181	172
FLHB-B7	190	179	170	157	202	189	178	164	211	197	221	207	226	215
FLHB-B8	227	214	204	190	242	226	213	197	253	236	265	248	272	259

Wet Bulb Tem. °C	22°C													
Inlet and Outlet water temperature difference °C	5				6				7		8		9	
Inlet water tem. °C	38	37	36	35	39	38	37	36	40	39	41	40	42	41
Outlet water tem. °C	33	32	31	30	33	32	31	30	33	32	33	32	33	32
	(m ³ /h)													
FLHB-B1	43	40	38	36	46	42	40	38	49	44	51	47	52	51
FLHB-B2	58	54	51	48	61	56	53	50	64	59	67	63	70	67
FLHB-B3	73	68	63	59	76	70	67	63	81	73	85	78	87	85
FLHB-B4	94	87	82	77	99	91	86	81	105	95	110	102	114	110
FLHB-B5	116	108	101	95	121	112	107	100	129	117	134	125	140	134
FLHB-B6	144	135	127	119	153	141	133	125	161	146	168	156	175	168
FLHB-B7	180	169	158	148	190	176	167	156	202	183	211	196	219	211
FLHB-B8	217	203	190	178	228	211	201	188	242	219	253	235	262	253

Wet Bulb Tem. °C	24°C											
Inlet and Outlet water temperature difference °C	5			6			7		8		9	
Inlet water tem. °C	38	37	36	39	38	37	40	39	41	40	42	41
Outlet water tem. °C	33	32	31	33	32	31	33	32	33	32	33	32
	(m ³ /h)											
FLHB-B1	40	38	34	42	40	37	44	41	47	44	51	47
FLHB-B2	53	50	46	57	52	49	59	55	63	59	67	63
FLHB-B3	67	63	57	71	65	61	74	70	79	74	85	79
FLHB-B4	86	81	75	92	86	79	96	90	102	96	109	102
FLHB-B5	107	99	91	113	105	98	118	111	126	118	134	126
FLHB-B6	133	124	114	142	132	122	147	139	157	147	168	157
FLHB-B7	167	155	143	178	164	153	185	174	197	185	211	197
FLHB-B8	201	187	171	213	197	183	222	209	236	222	253	236

Wet Bulb Tem. °C	26°C											
Inlet and Outlet water temperature difference °C	5			6			7		8		9	
Inlet water tem. °C	38	37	36	39	38	37	40	39	41	40	42	41
Outlet water tem. °C	33	32	31	33	32	31	33	32	33	32	33	32
	(m ³ /h)											
FLHB-B1	36	33	29	39	35	32	40	38	43	40	45	41
FLHB-B2	48	43	40	52	47	42	54	50	58	52	61	55
FLHB-B3	60	54	50	64	59	53	68	63	73	65	75	70
FLHB-B4	78	71	64	84	76	69	88	81	94	86	98	90
FLHB-B5	96	87	79	103	94	85	109	99	116	105	121	111
FLHB-B6	121	109	98	129	118	106	136	124	144	132	151	139
FLHB-B7	150	136	123	161	147	132	170	155	180	164	189	174
FLHB-B8	180	164	148	193	177	159	204	187	217	197	226	209

Wet Bulb Tem. °C	28°C											
Inlet and Outlet water temperature difference °C	5			6			7		8		9	
Inlet water tem. °C	38	37	36	39	38	37	40	39	41	40	42	41
Outlet water tem. °C	33	32	31	33	32	31	33	32	33	32	33	32
	(m ³ /h)											
FLHB-B1	31	28	24	34	29	25	36	32	38	35	40	37
FLHB-B2	41	37	32	45	40	33	48	42	51	46	53	49
FLHB-B3	52	46	40	56	49	41	60	53	63	57	67	61
FLHB-B4	68	60	52	72	64	54	78	69	82	73	86	80
FLHB-B5	84	74	63	90	94	66	96	85	101	91	107	98
FLHB-B6	104	92	79	112	118	84	120	106	127	113	133	121
FLHB-B7	131	115	99	141	147	104	150	132	158	142	167	152
FLHB-B8	156	138	120	168	177	125	180	159	190	169	201	182



Wuxi Fangzhou Water Cooling Equipment Co., Ltd. always warmly welcome people from all over the world to consult, negotiate and cooperate!

