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## **BTC Closed Mixed Flow, Induced-draft Cooling Tower**

Design Information



## I. Outline of models

(closed type, Mixed Flow, and induced draft)

Models	Cooling capacity (37-32-28 °C)	Inlet and outlet pipe Diameter of host machine	Water rate (m <sup>3</sup> /h)	Spray pump			Fan		Outline dimension			Weight of host machine (kg)	Operating weight (kg)
				Inlet-Outlet Diameter, mm	Impeller Size, mm	Motor Size kW/ Poles	Power (KW)	Diameter (mm)	Length mm	Width mm	Height mm		
BTC-01S	90000 Kcal/h	DN65×2	18	DN65	Φ98mm	0.75/4	2.2	1000	1830	2210	3195	2050	3230
BTC-01S(H)	95000 Kcal/h	DN65×2	19	DN65	Φ98mm	0.75/4	2.2	1000	1830	2210	3545	2090	3270
BTC-02S	175000 Kcal/h	DN80×2	35	DN80	Φ110mm	1.1/4	5.5	1200	1830	2410	4290	2710	4310
BTC-02S(H)	185000 Kcal/h	DN80×2	37	DN80	Φ110mm	1.1/4	5.5	1200	1830	2410	5640	2902	4502
BTC-03S	265000 Kcal/h	DN100×2	53	DN80	Φ115mm	1.5/4	7.5	1300	1930	3010	4890	3810	6310
BTC-03S(H)	300000 Kcal/h	DN100×2	60	DN80	Φ115mm	1.5/4	7.5	1300	1930	3010	6040	3981	6471
BTC-04S	350000 Kcal/h	DN125×2	70	DN80	Φ121mm	2.2/4	4×2	1200	3575	2410	4290	4920	7590
BTC-04S(H)	370000 Kcal/h	DN125×2	74	DN80	Φ121mm	2.2/4	4×2	1200	3575	2410	6090	5180	7850
BTC-05S	435000 Kcal/h	DN150×2	87	DN125	Φ179mm	3/4	5.5×2	1300	3775	2710	4890	6090	10890
BTC-05S(H)	460000 Kcal/h	DN150×2	92	DN125	Φ179mm	3/4	5.5×2	1300	3775	2710	6590	6352	11152
BTC-06S	550000 Kcal/h	DN150×2	110	DN125	Φ179mm	3/4	5.5×2	1300	3775	3010	4890	7050	12070
BTC-06S(H)	585000 Kcal/h	DN150×2	117	DN125	Φ179mm	3/4	5.5×2	1300	3775	3010	6590	7312	12332
BTC-07S	750000 Kcal/h	DN150×2	150	DN125	Φ179mm	4/4	5.5×3	1200	5320	2710	4910	8800	15710
BTC-07S(H)	795000 Kcal/h	DN150×2	159	DN125	Φ179mm	4/4	5.5×3	1200	5320	2710	6710	9060	15970
BTC-08S	875000 Kcal/h	DN150×4	175	DN125	Φ179mm	4/4	7.5×3	1400	5780	3210	4910	11060	18750
BTC-08S(H)	930000 Kcal/h	DN150×4	186	DN125	Φ179mm	4/4	7.5×3	1400	5780	3210	6760	11360	19050

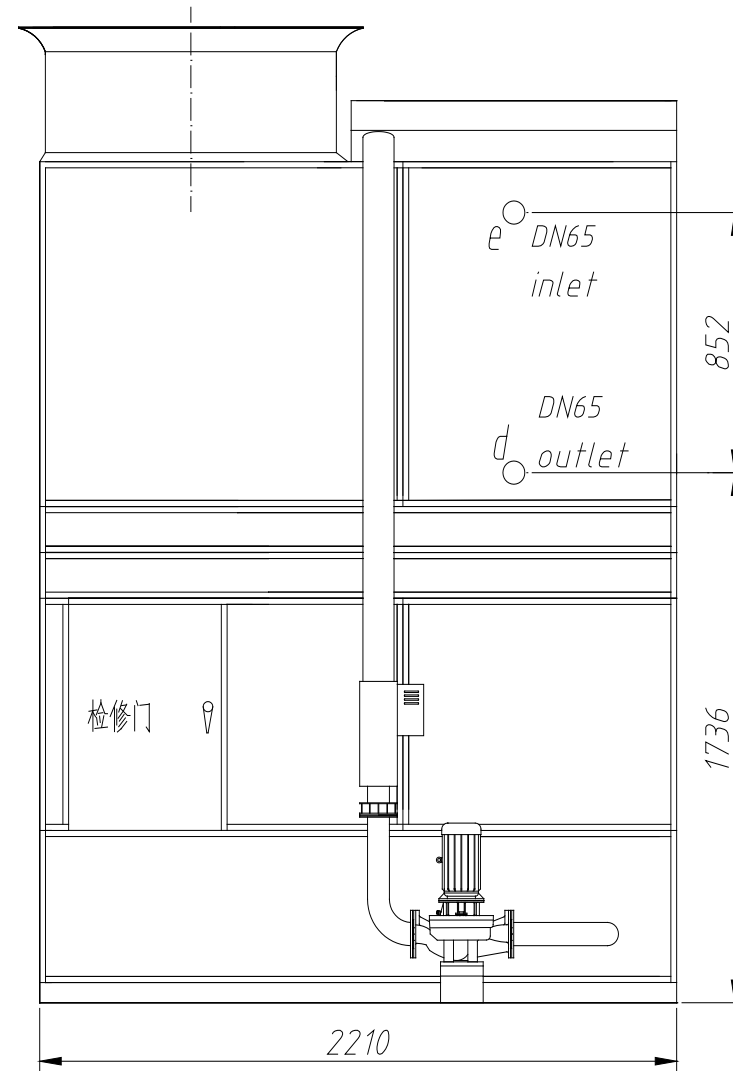
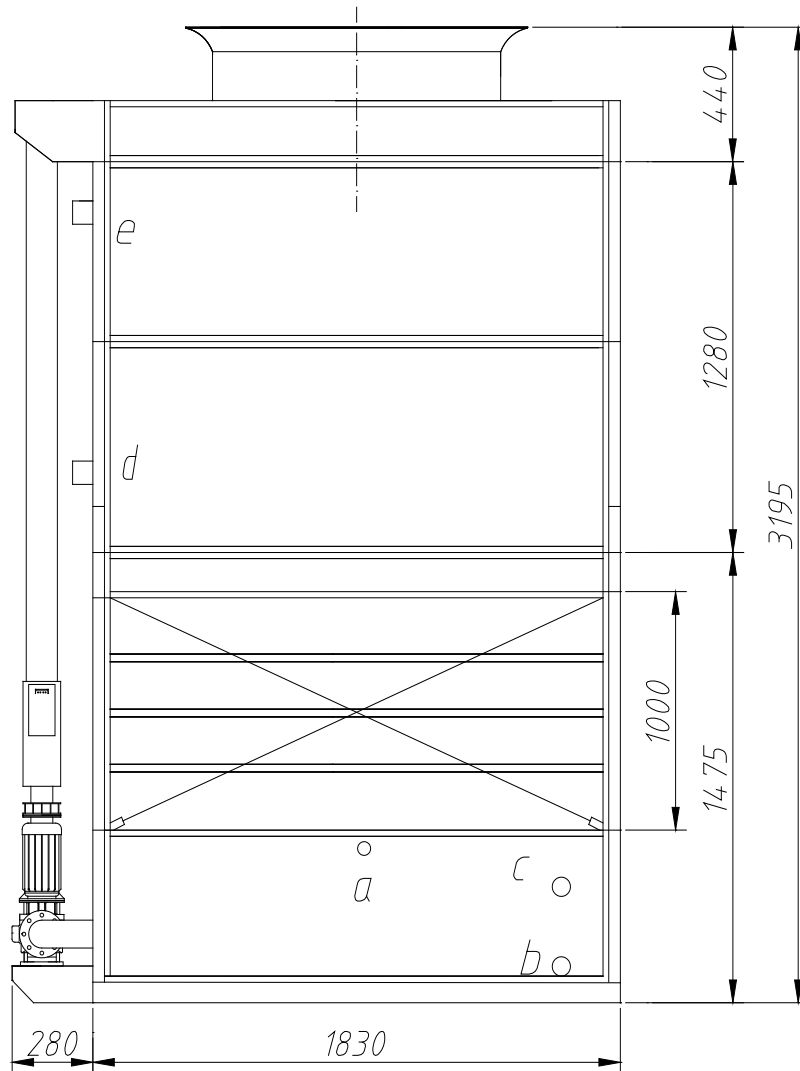
\* Significance of the model names:

B	T	C	-	06	S	H
BAOFENG	Cooling Tower	Closed		Unit size	Mixed Flow	Extended fan stack

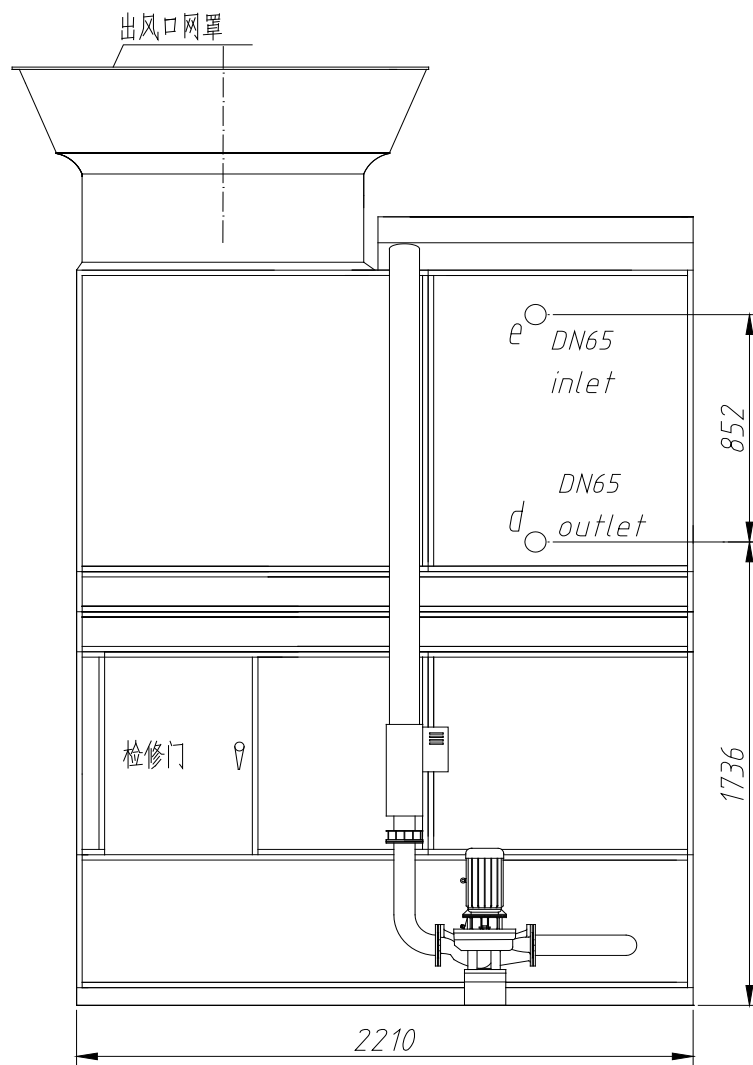
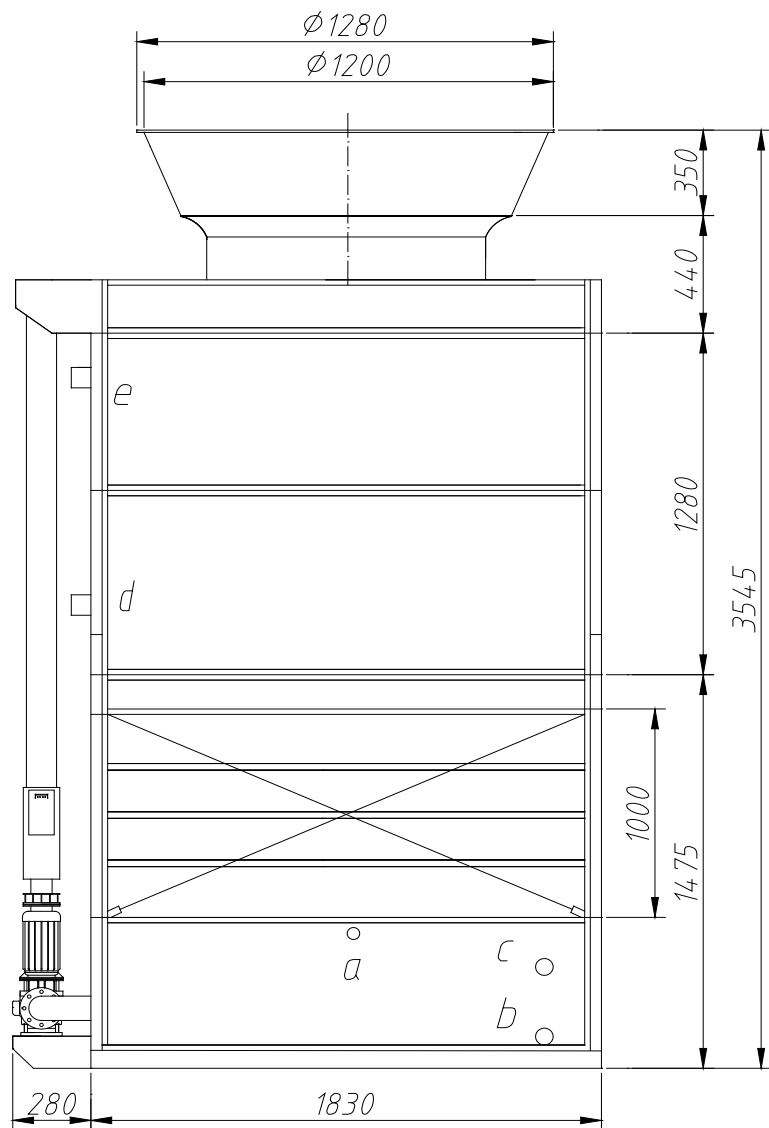


## II. Drawings:

### 1) Mode BTC-01S

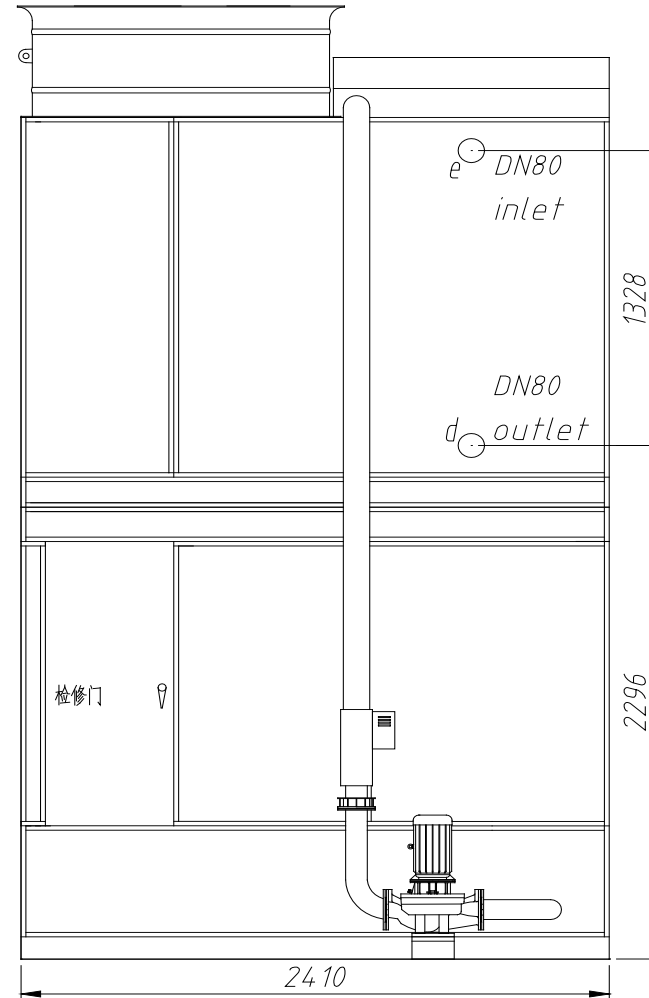
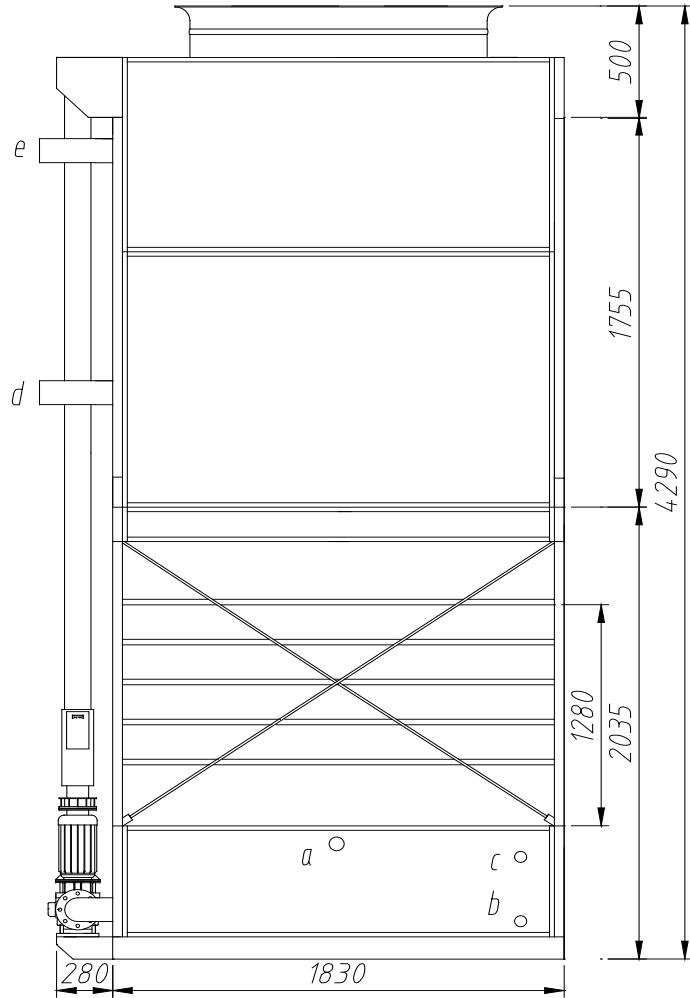


2) Mode BTC-01S(H)



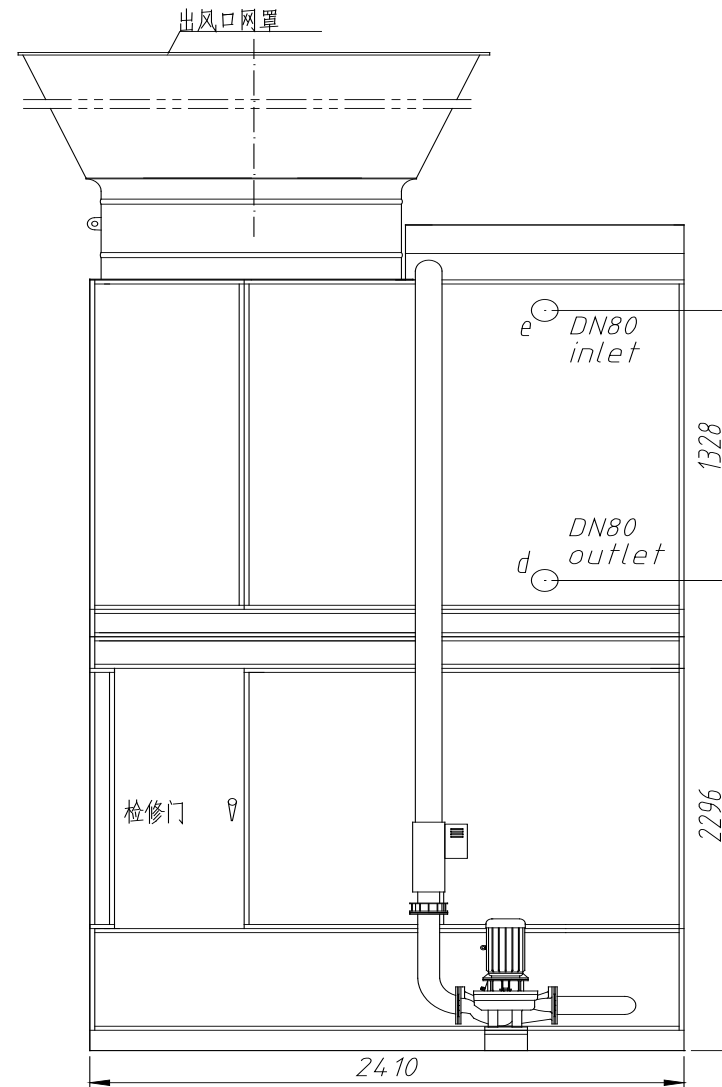
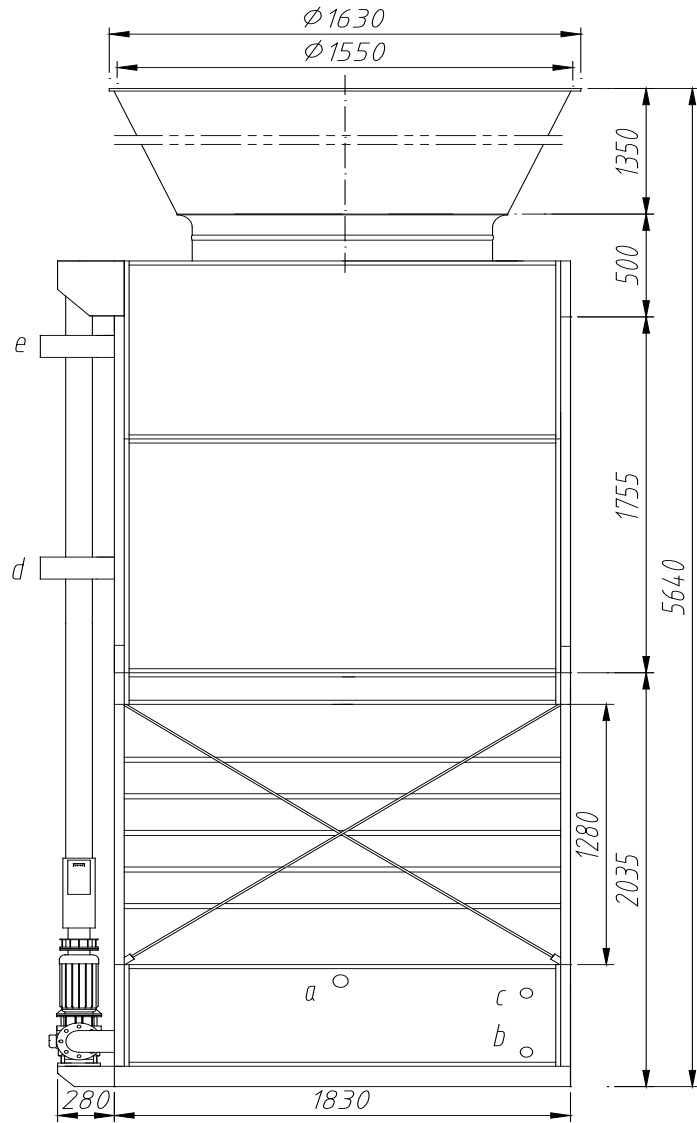


3) BTC-02S



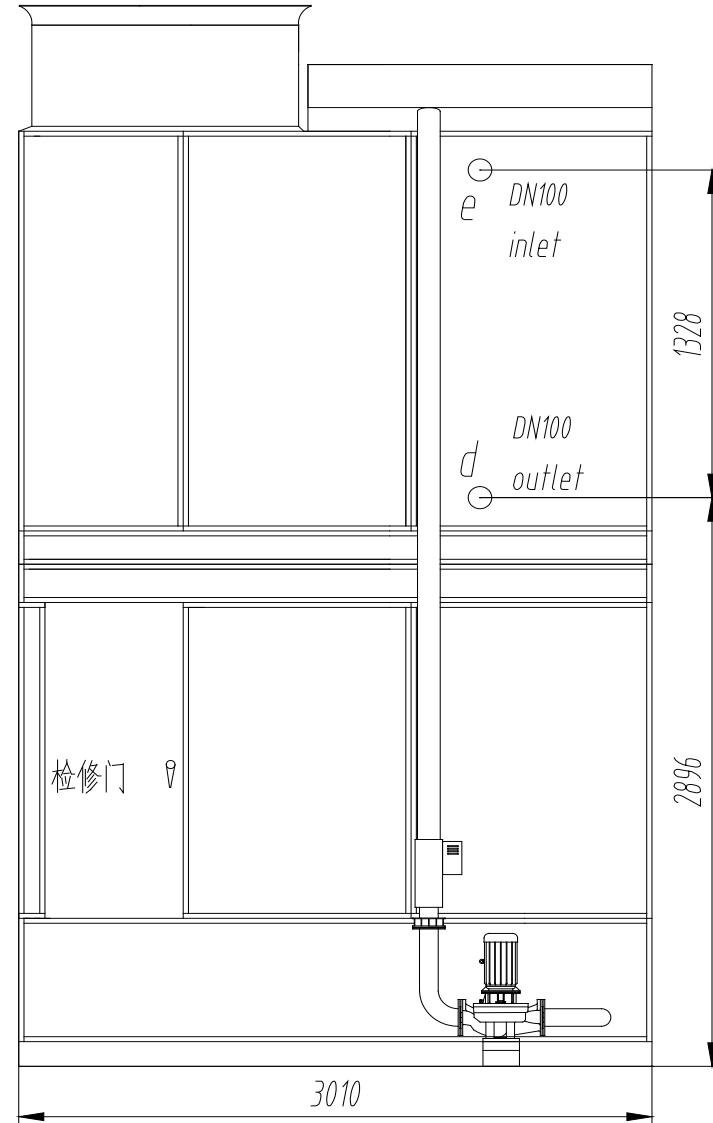
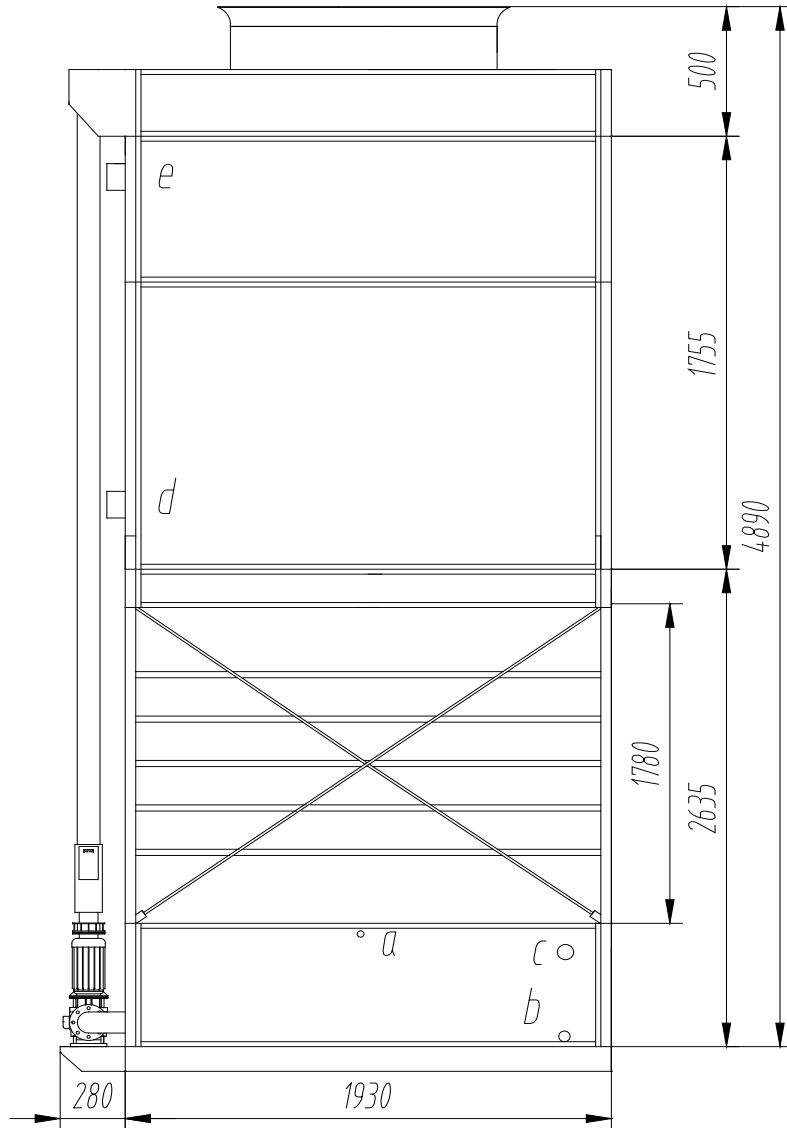


4) BTC-02S(H)



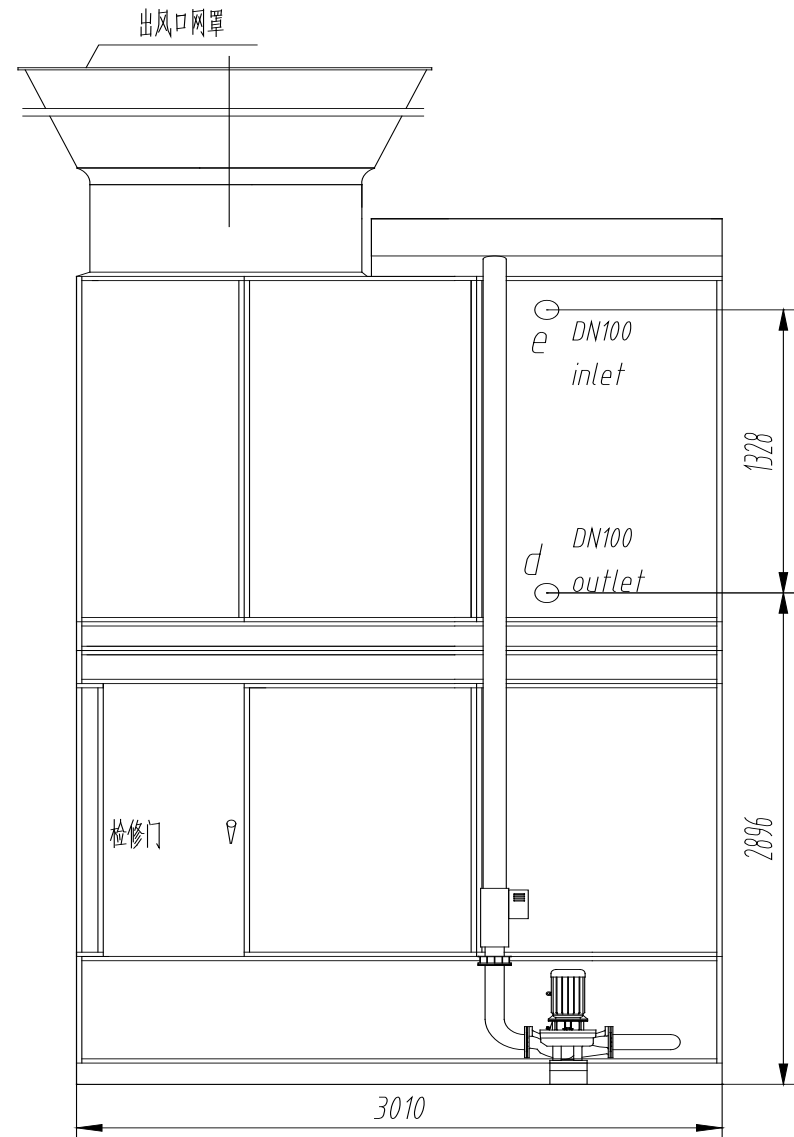
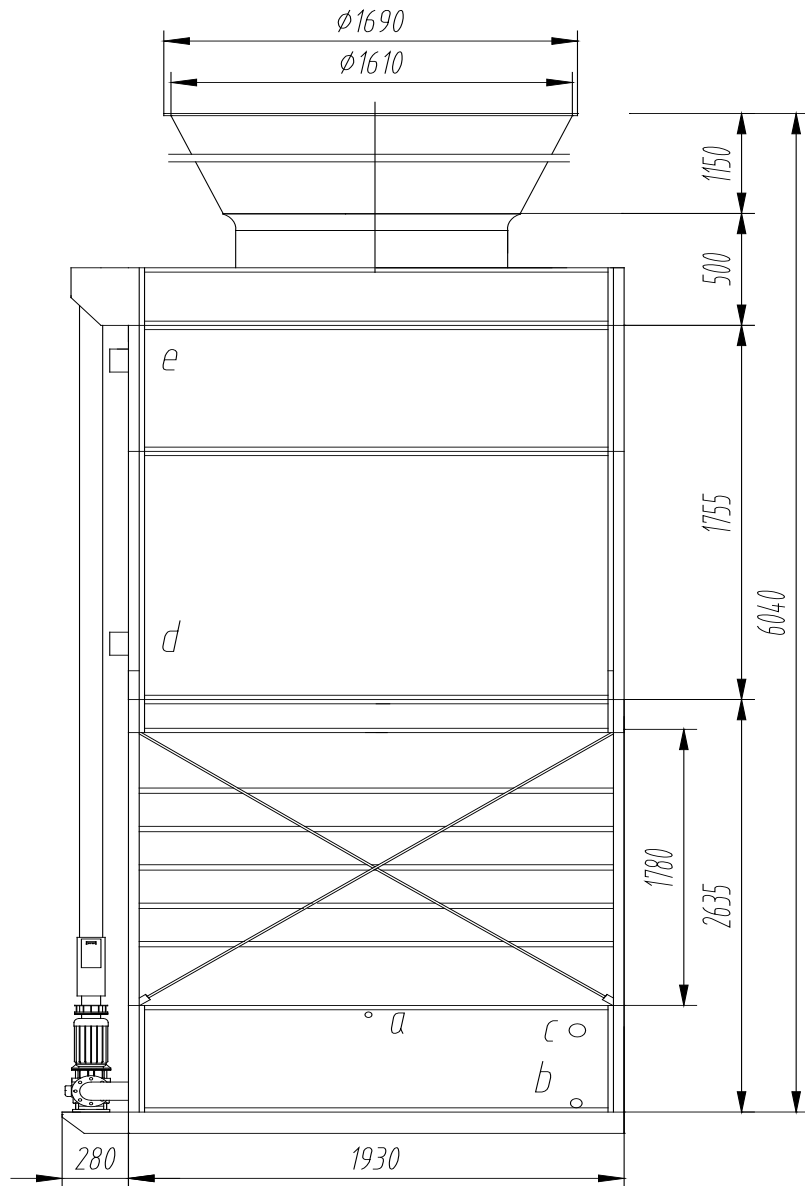


5)BTC-03S



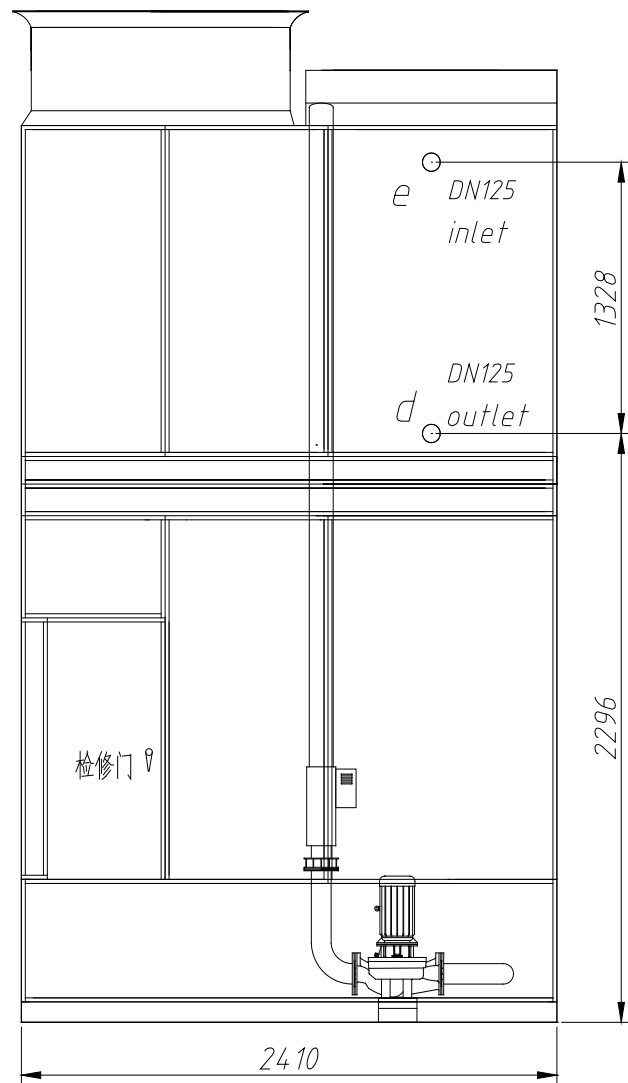
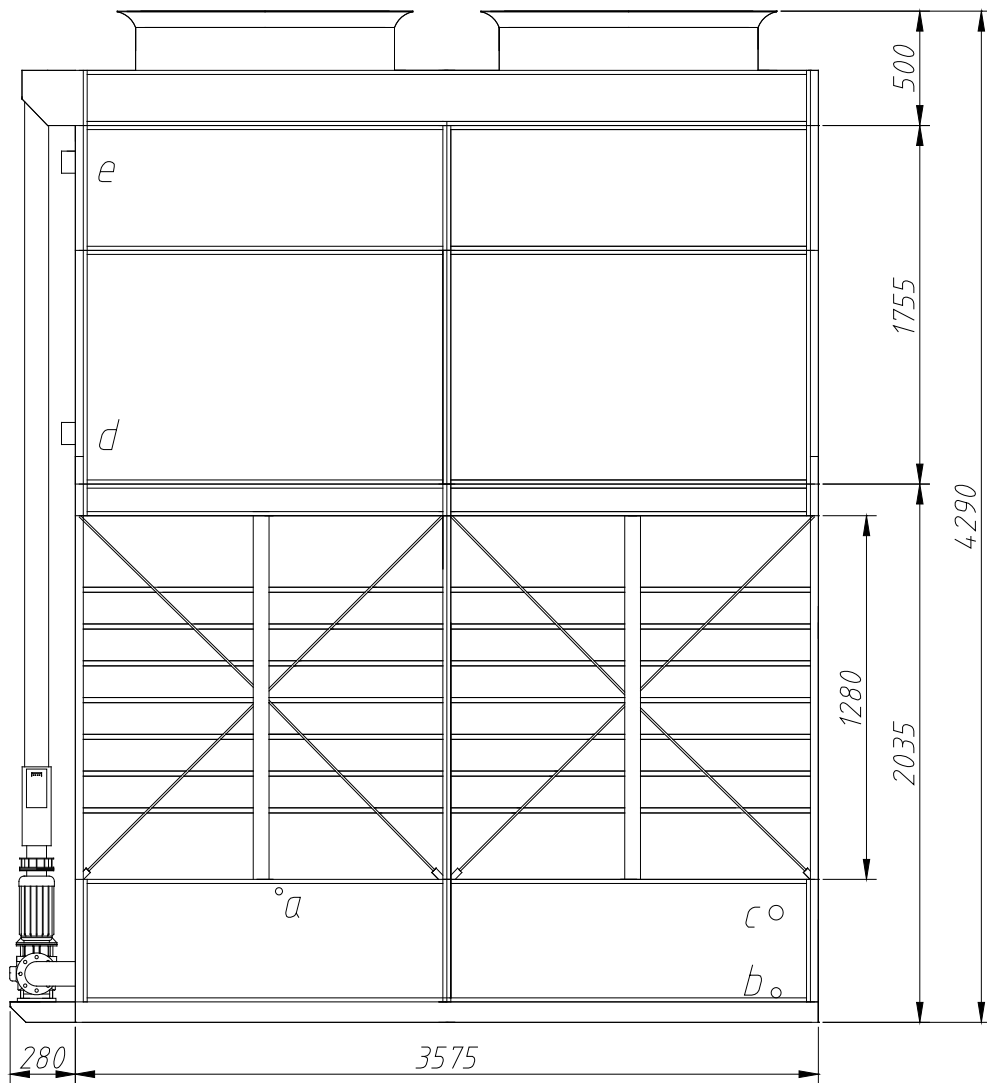


6)BTC-03S(H)



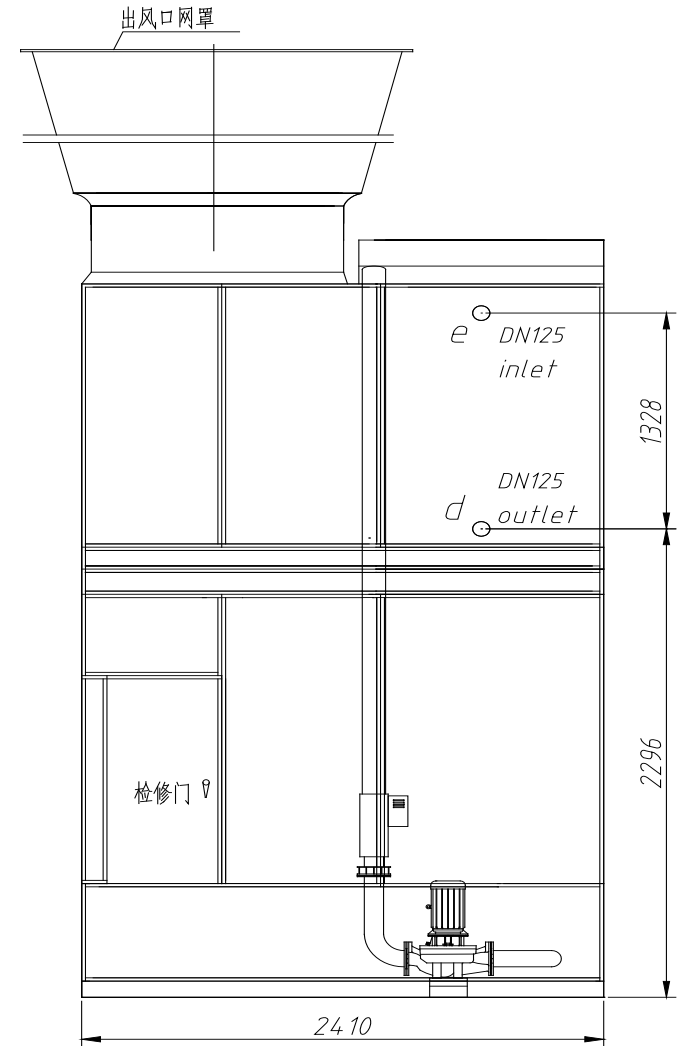
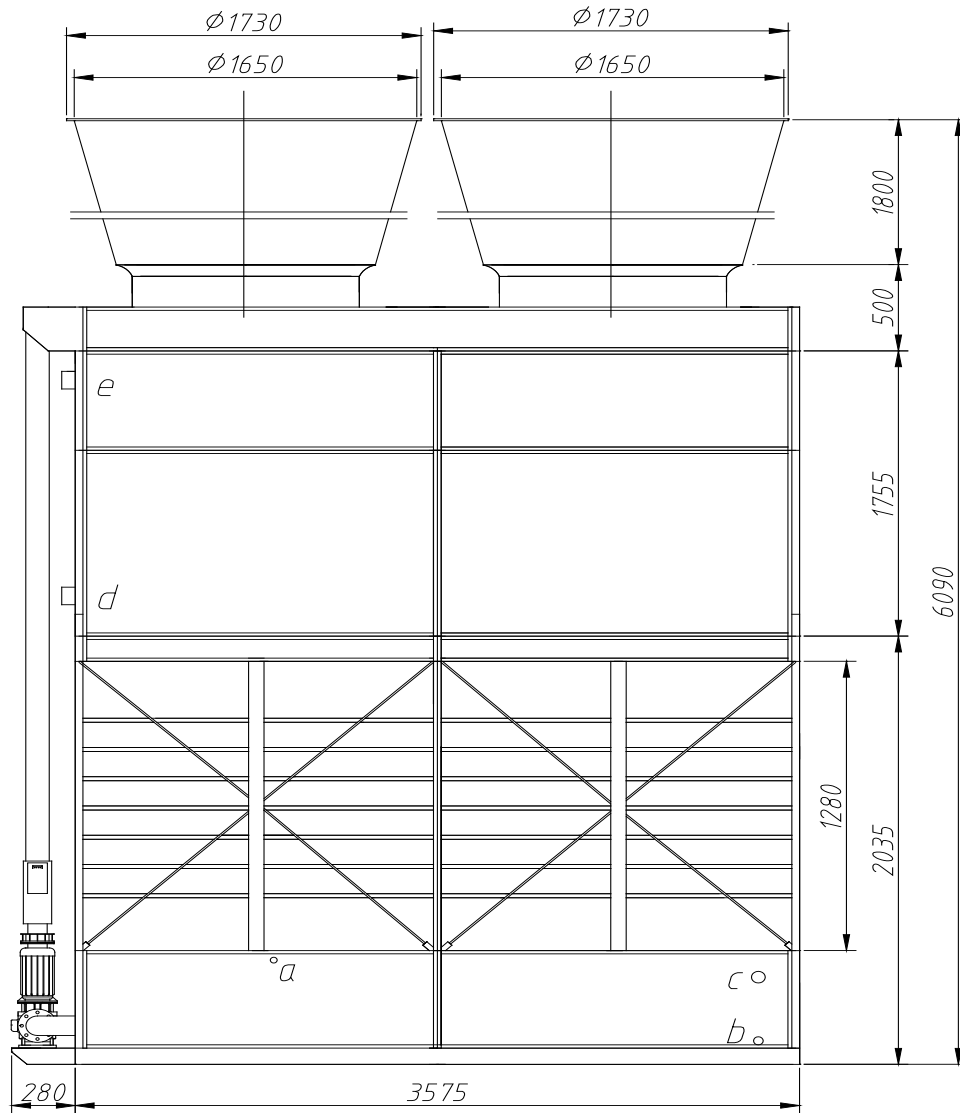


7) BTC-04S

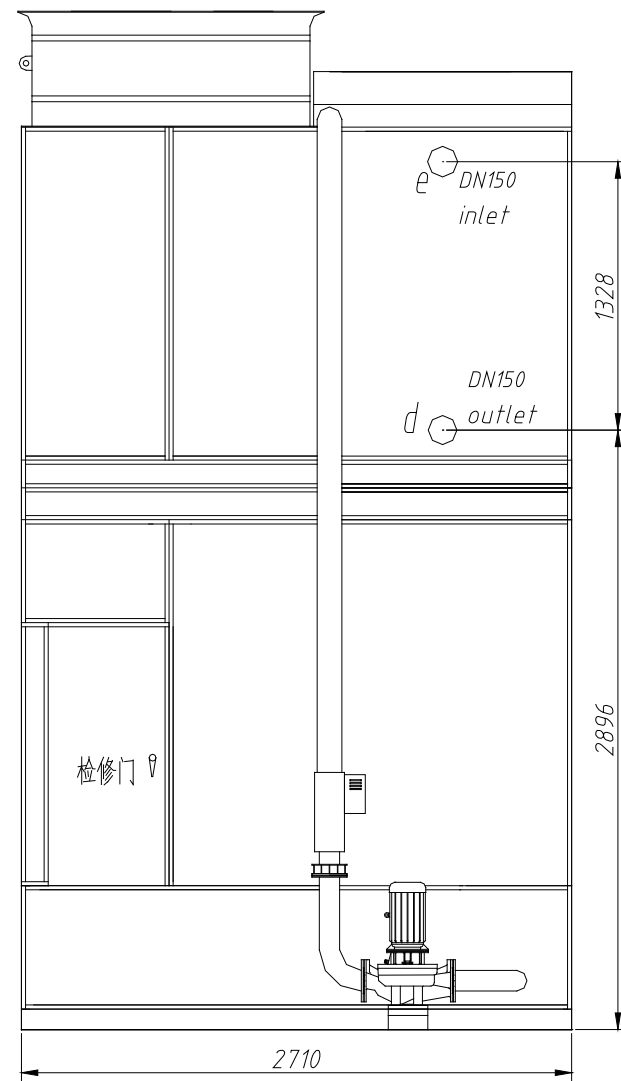
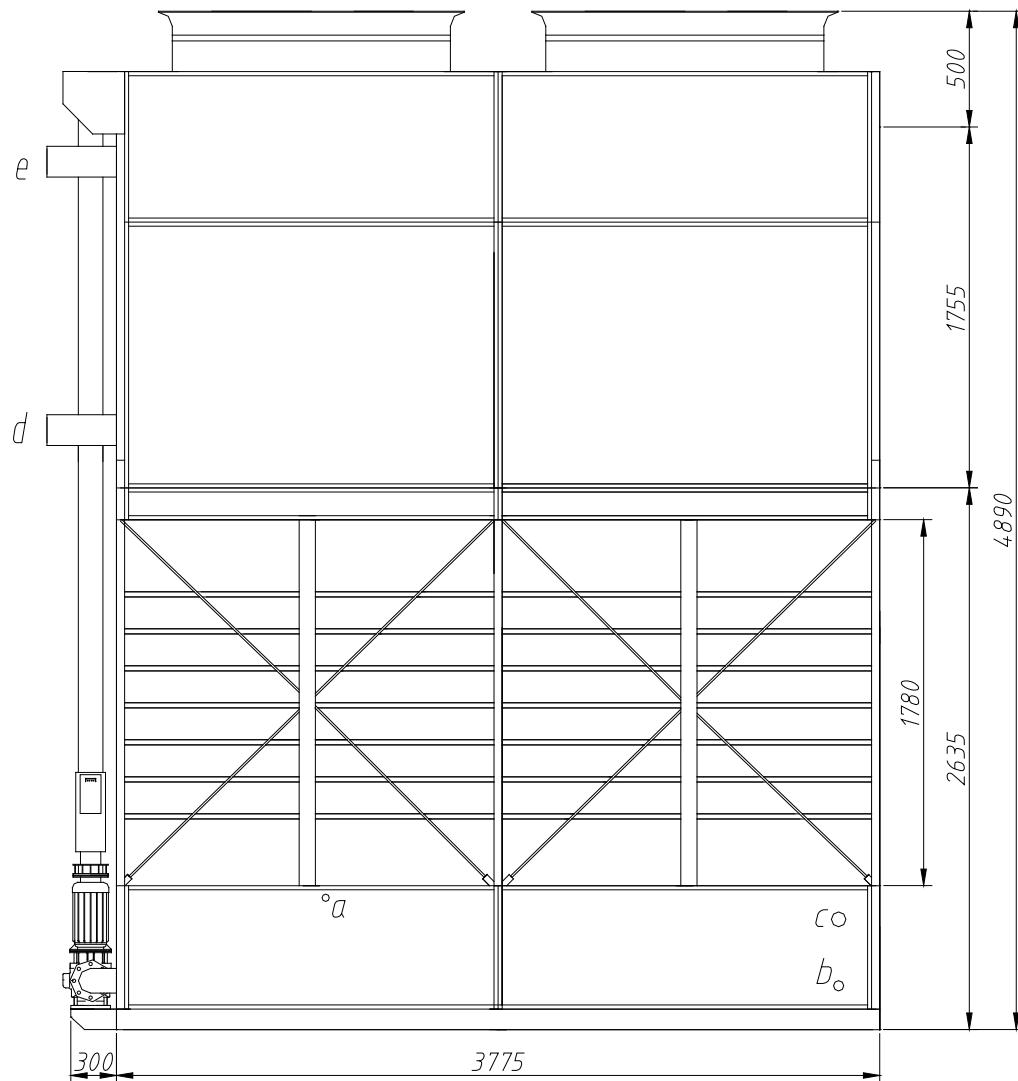




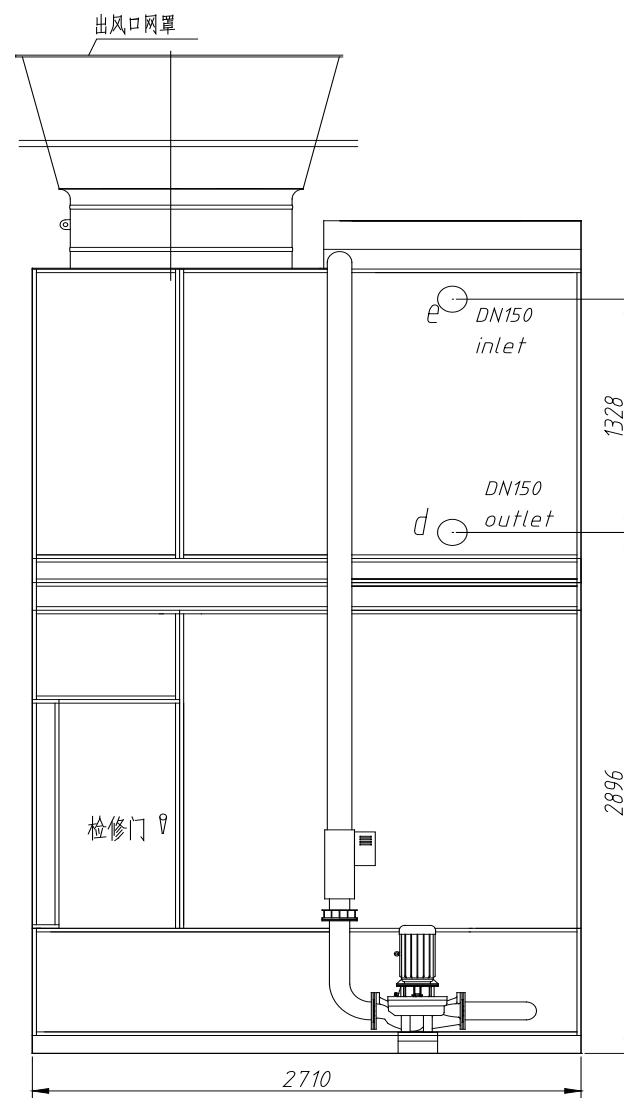
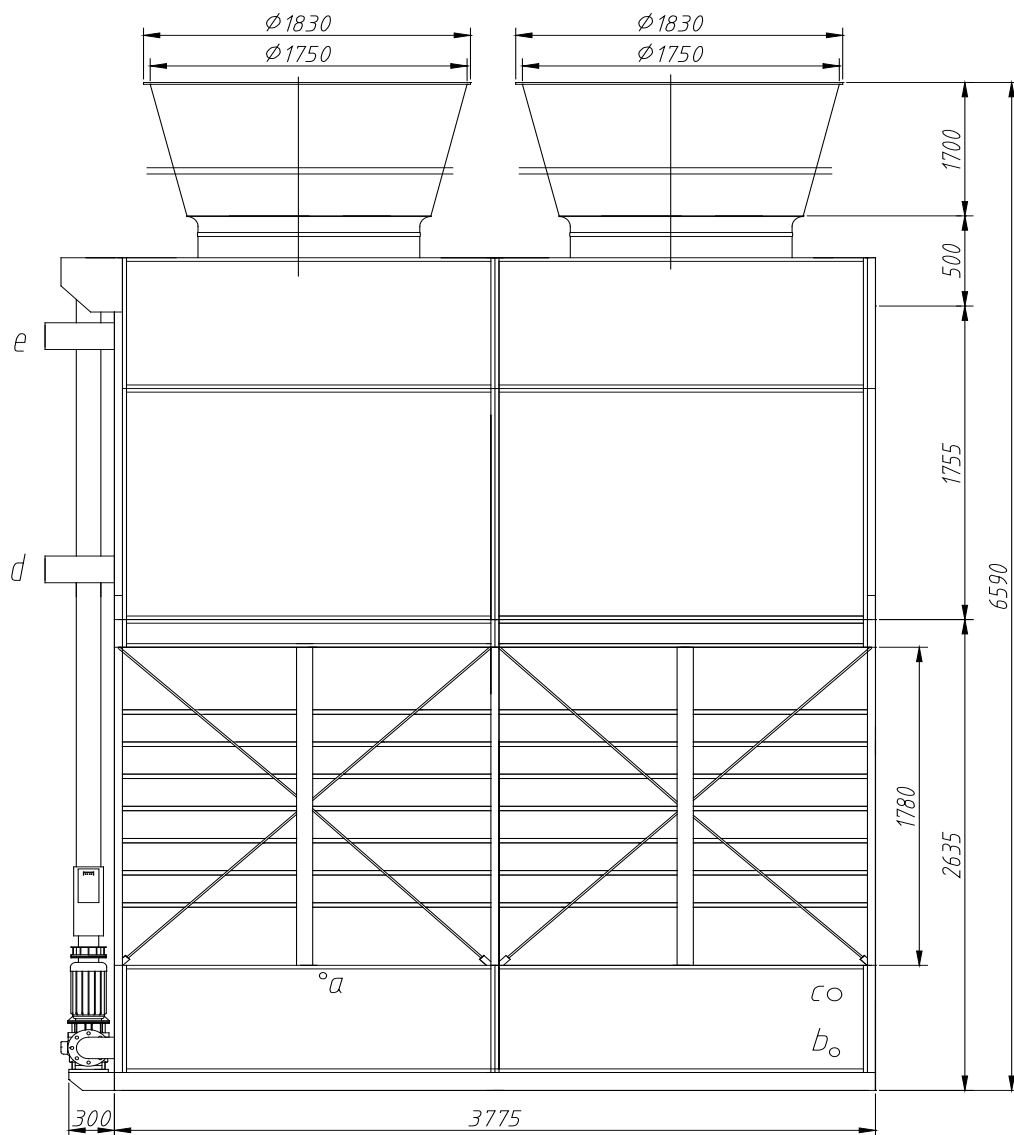
8)BTC-04S(H)



9)BTC-05S

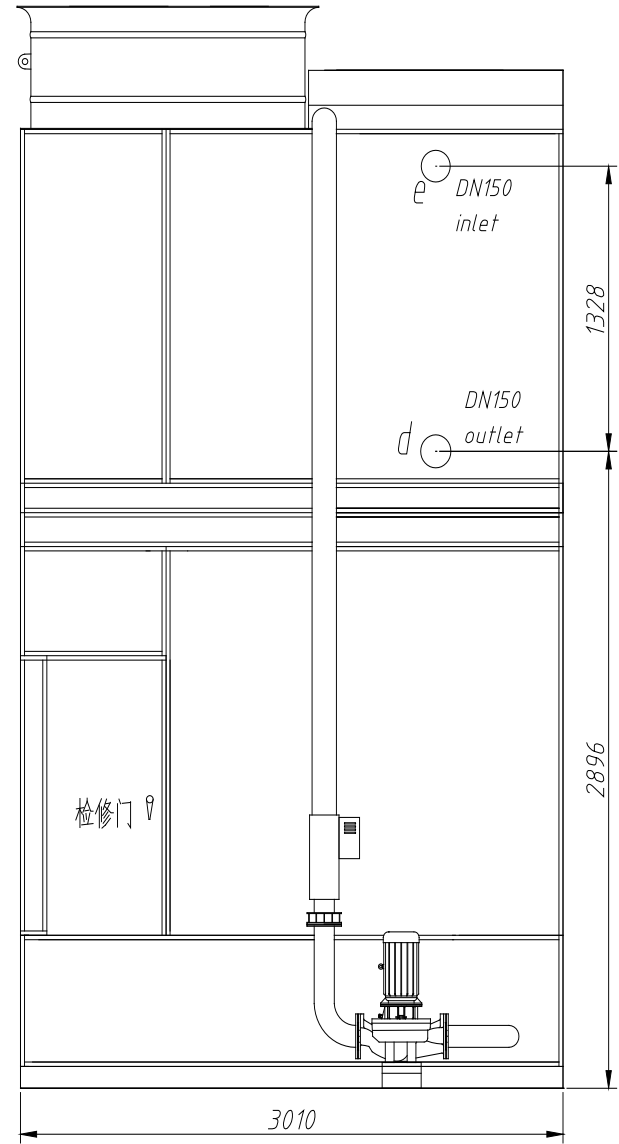
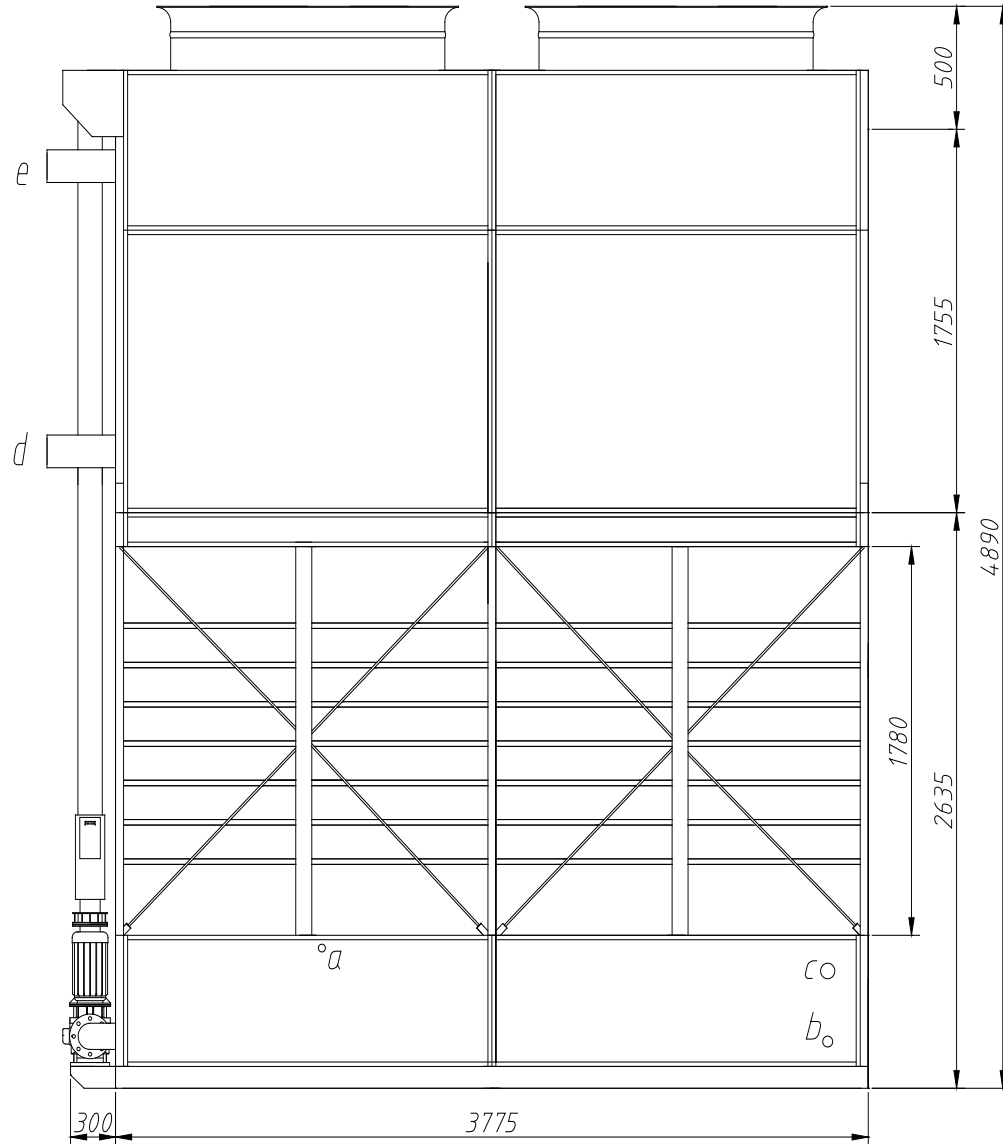


10) BTC-05S(H)

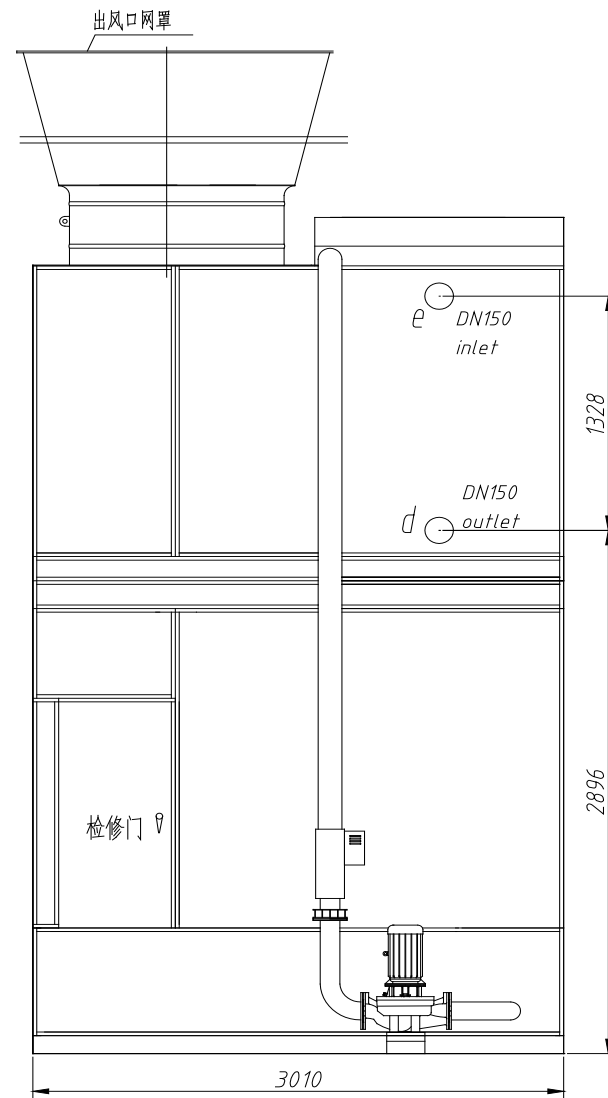
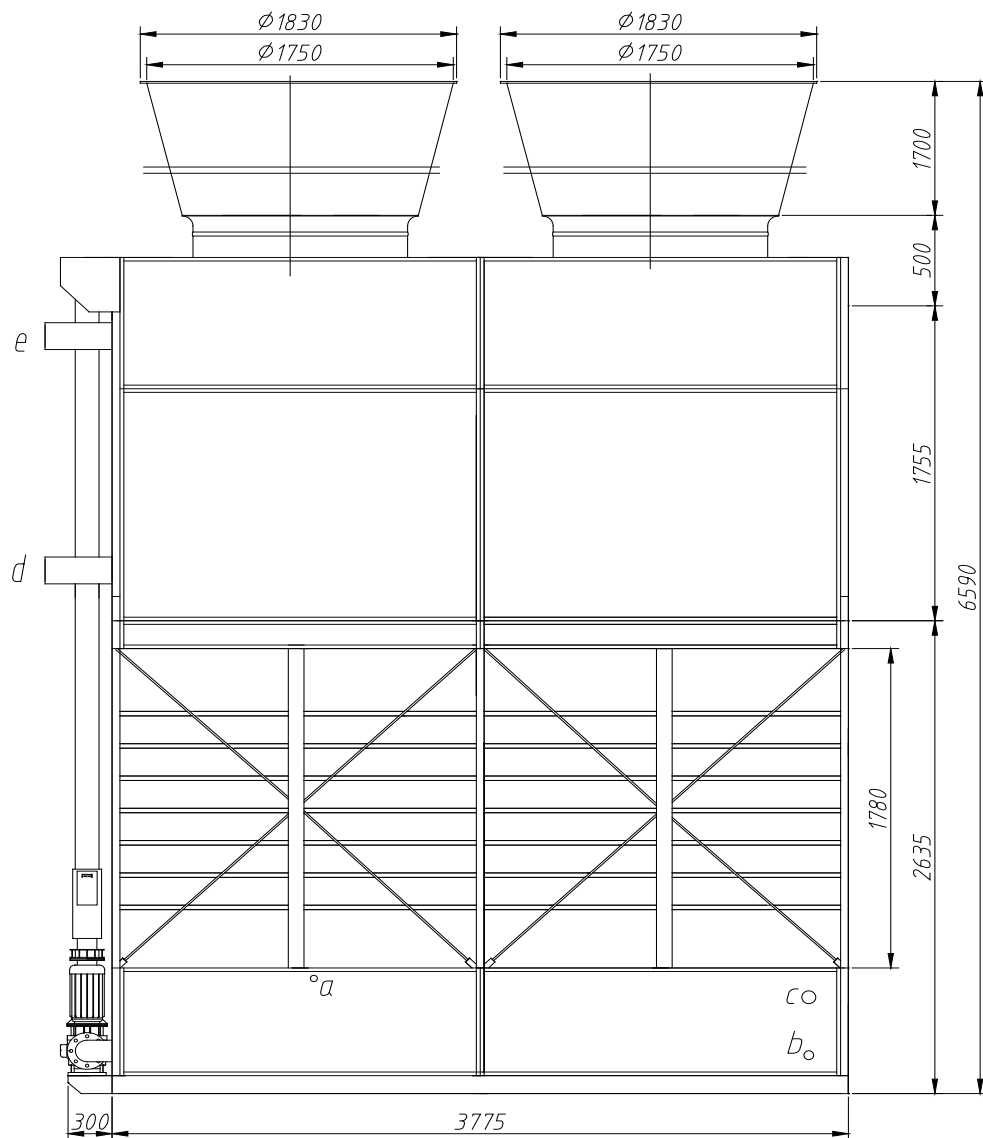




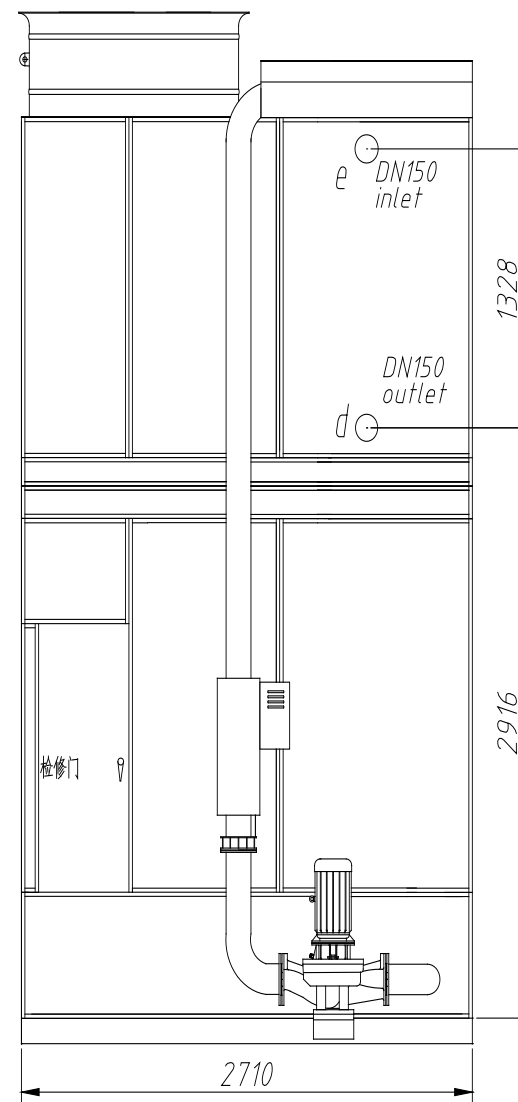
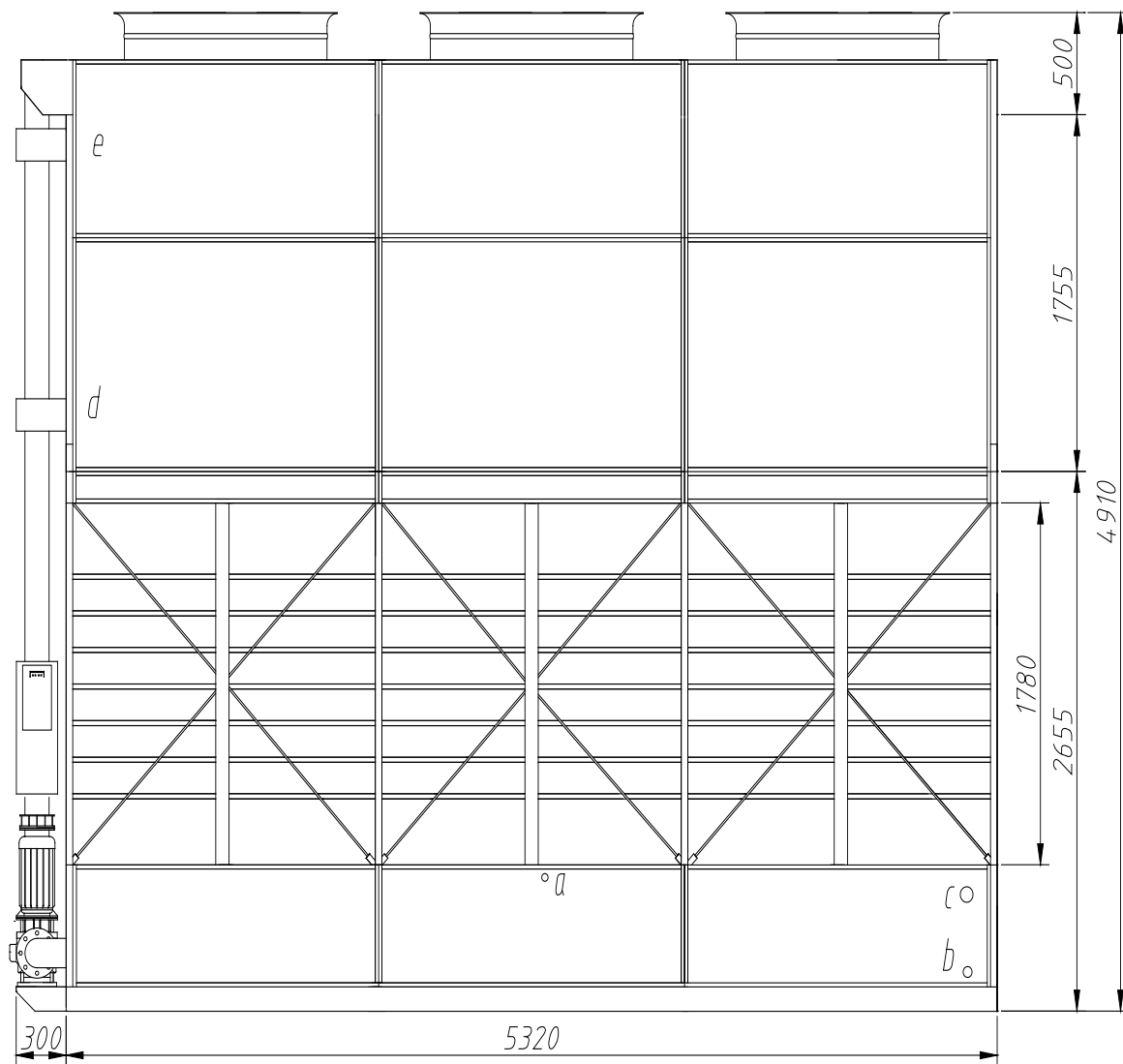
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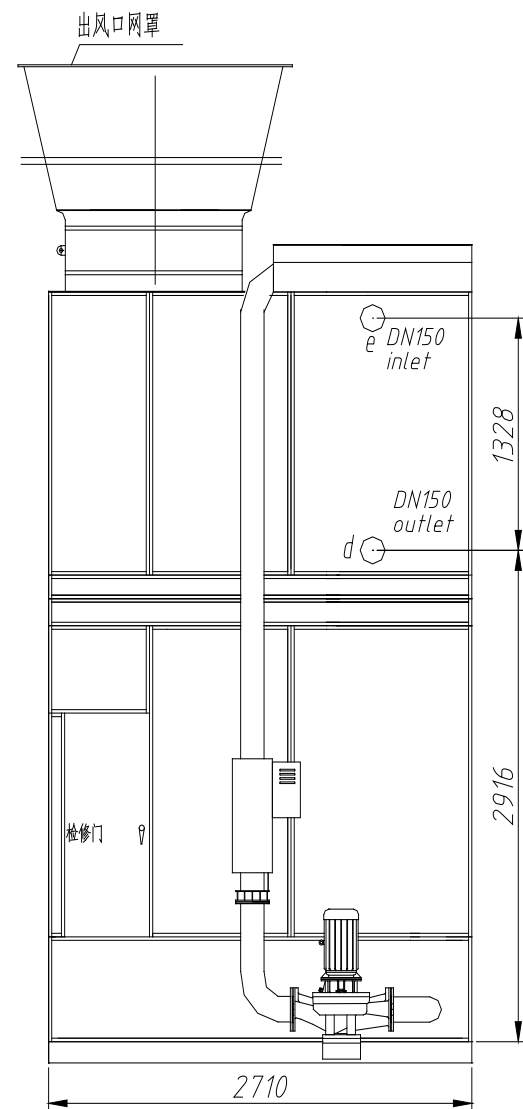
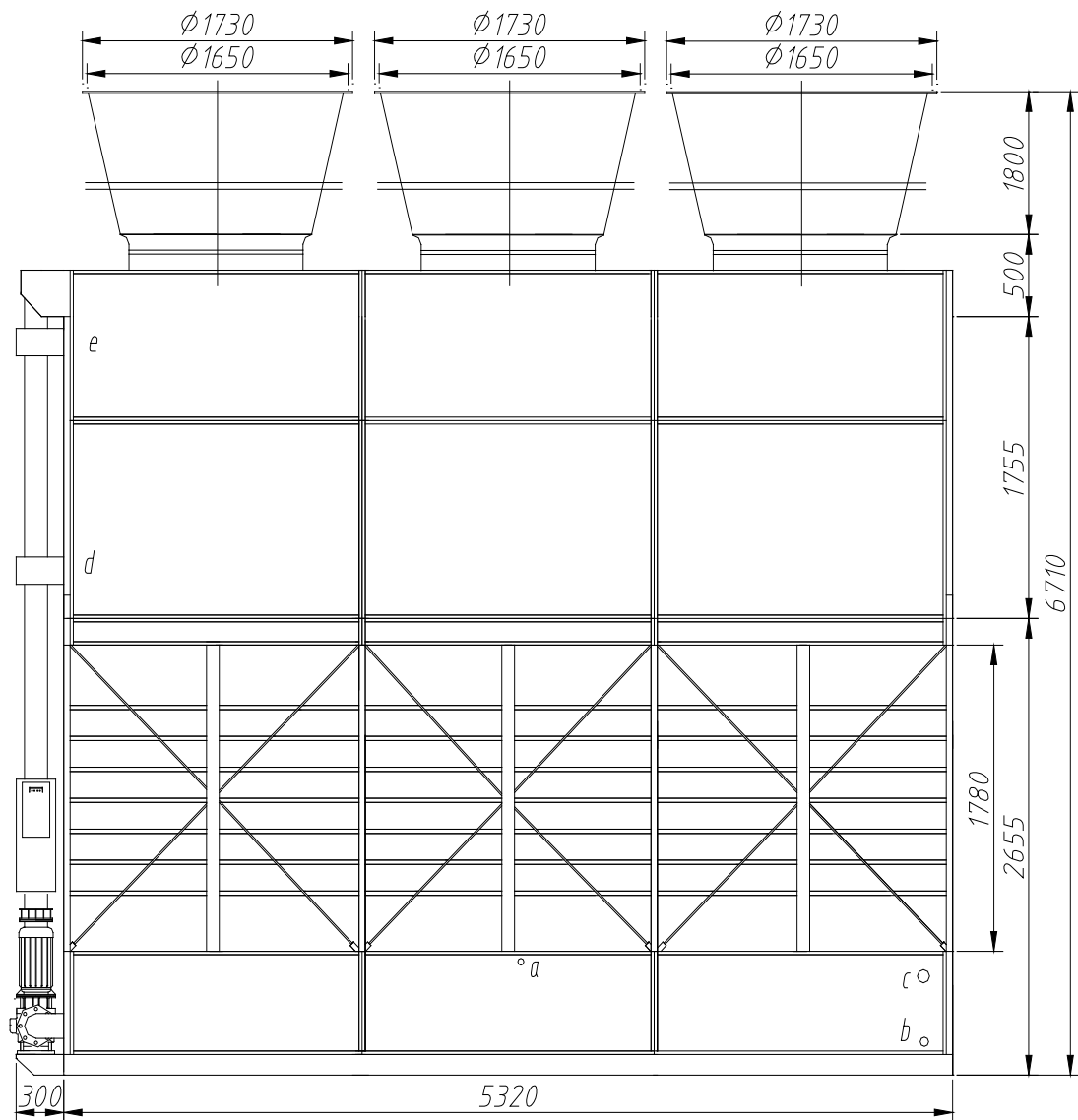
12) BTC-06S(H)



13) BTC-07S



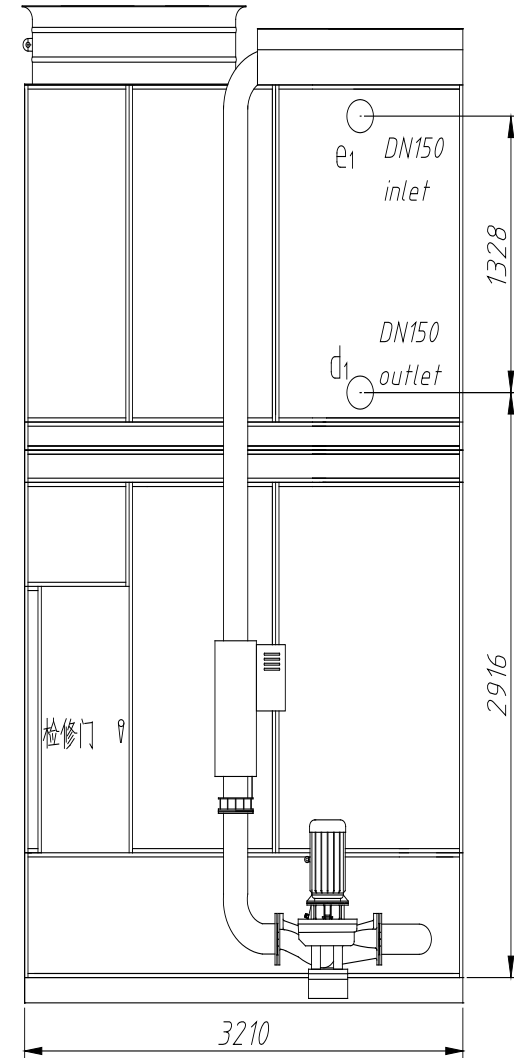
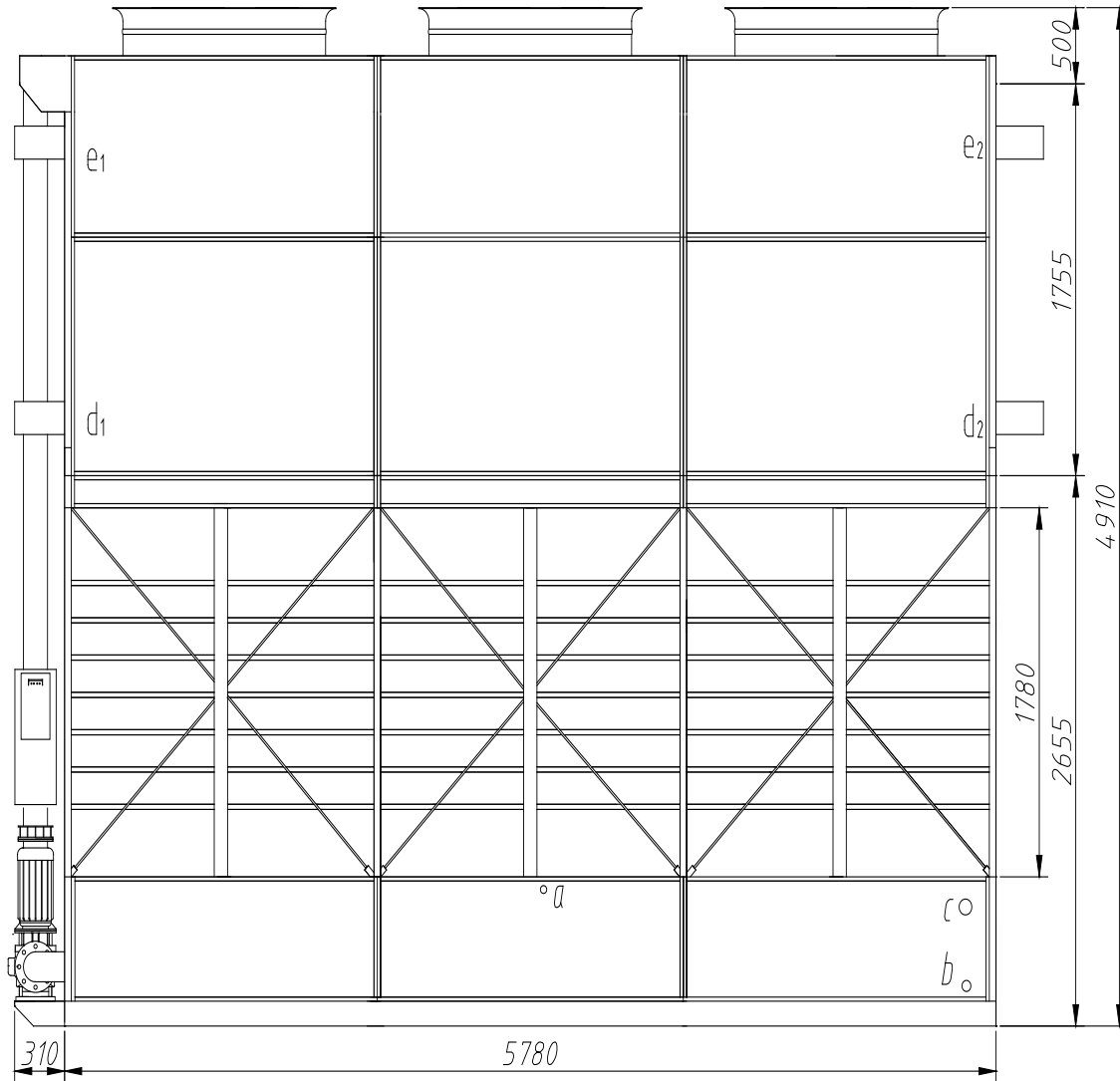
14) BTC-07S(H)







15) BTC-08S



16) BTC-08S(H)

