



Jiangxi Ark Fluid Science Technology Co., Ltd.

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## **FKH Cross Flow, Induced Draft, Open Cooling Tower**

Design Information





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## I. Outline of models

(open type, Cross-flow, and induced-draft)

Model	Flow Rate	Overall dimension			Power System			Connection Diameter					Pump Head mH <sub>2</sub> O	Weight	
	(37-32-27 °C)	Length (L)	Width (W)	Height (H)	Fan Diameter	Motor Power	Airflow	Inlet	Outlet	Overflow	Drain	Make-up		Dry weight	Operation weight
	m <sup>3</sup> /h	mm	mm	mm	mm	kw	m <sup>3</sup> /h	DN mm	DN mm	DN mm	DN mm	DN mm	mH <sub>2</sub> O	kg	kg
FKH-50B	45.5	1420	3160	3200	Φ1200	1.5	33000	80×2	100	50	40	20	3	850	1850
FKH-65B	59.2	1800	3160	3200	Φ1200	2.2	43000	80×2	100	50	40	20	3	950	2090
FKH-80B	72.9	1800	3460	3650	Φ1500	3	53000	80×2	125	50	40	20	3.5	1050	2300
FKH-100B	91.1	2100	3460	3650	Φ1500	3	65000	100×2	125	50	40	20	3.5	1150	2350
FKH-125B	113.9	2100	3760	4270	Φ1800	4	83000	100×2	150	80	40	20	4.1	1250	2550
FKH-150B	144.7	2600	3760	4270	Φ1800	4	95000	100×2	150	80	40	20	4.1	1350	2850
FKH-175B	168.8	2600	4160	4320	Φ2200	5.5	116000	125×2	200	80	40	20	4.1	1520	3130
FKH-200B	192.9	2600	4160	4750	Φ2200	5.5	130000	125×2	200	80	40	25	4.6	1620	3770
FKH-225B	217.0	3000	4160	4750	Φ2200	7.5	150000	150×2	200	80	40	25	4.6	2080	4300
FKH-250B	241.1	3000	4460	4750	Φ2500	7.5	166000	150×2	200	80	40	25	4.6	2220	4870
FKH-300B	289.3	3000	5080	4850	Φ2500	7.5	175000	150×2	200	80	40	25	4.6	2550	5300
FKH-350B	337.5	3480	5600	5030	Φ3000	11	230000	125×4	250	80	40	40	4.7	2850	6200
FKH-400B	385.8	3680	5600	5230	Φ3000	11	260000	125×4	250	80	40	40	5.5	3250	6600
FKH-450B	434.0	3800	5600	5230	Φ3000	15	290000	125×4	250	80	40	40	5.5	3550	7400
FKH-500B	482.2	3800	6000	5300	Φ3400	15	330000	150×4	300	80	50	50	5.6	4050	8200
FKH-600B	578.6	4600	6000	5300	Φ3400	18.5	370000	150×4	300	80	50	50	5.6	4650	9800
FKH-700B	675.1	5300	6300	5500	Φ3600	22	430000	150×4	300	80	50	50	5.8	5050	10500



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FKH-800B	771.5	5800	7160	5700	Φ4200	22	510000	150×4	300	80	50	50	5.8	5450	11500
FKH-900B	868.0	6200	7160	6300	Φ4200	30	590000	200×4	350	80	65	65	6.5	6250	13800
FKH-1000B	964.4	6800	7700	6300	Φ4700	30	660000	200×4	350	80	65	65	6.5	6900	15600

\* Significance of the model names:

FKH	-	200B
Open, Cross-flow Cooling Tower		Unit Model



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II. Drawings:

