

INDUSTRIAL **AIR COOLED** เครื่องชิลเลอร์ **CHILLER**

ระบบความร้อนด้วยอากาศ แบบมี쿨ลิ่งทาวเวอร์ในเครื่อง

Features and functions

Air cooled industrial chiller is widely used in plastic industry, electronics, plating, chemical industry, ultrasonic wave cooling, printing and others. This kind of air cooled industrial chillers can precisely control the temperature requested by the modernized machinery production, and it greatly improved the production efficiency and quality. Danice air cooled industrial chiller doesn't require cooling tower, which is easy to install and remove.

Danice air cooled chiller is the best choice

for the modernized industry and it features easy operation, reasonable design, high quality and various models: Air Cooled Environment Chiller, Air Cooled Low Temperature Chiller, Air Cooled Screw Chiller. Also we offer a wide range of standard air cooled chillers, which can be found in following specification tables, but standard chillers may not always fit your unique requirements. Our application specialists can suggest units that are customized to meet your unique needs.

"ประสิทธิภาพ การทำความเย็นสูง"



danice
— 丹耐斯 —



Intustrial Air Cooled chiller parameter list

รายการพารามิเตอร์ เครื่องчилเลอร์ ระบายความร้อนด้วยอากาศแบบมควบึงทาวเวอร์ในเครื่อง

Items	Model	R22/R407C/134a/404A/110A																									
		DNC-0.5A	DNC-1A	DNC-1.5A	DNC-2A	DNC-2.5A	DNC-3A	DNC-4A	DNC-5A	DNC-6A	DNC-8AD	DNC-10AD	DNC-12AD	DNC-15AD	DNC-15AT	DNC-20AD	DNC-20AF	DNC-25AD	DNC-25AF	DNC-30AD	DNC-30AT	DNC-40AD	DNC-40AF	DNC-50AD	DNC-50AF	DNC-60AD	
Rated cooling capacity	Kcal/h	1419	2451	3182	4833	5848	7181	9288	11988	14534	18576	23994	29068	38270	36120	49966	47988	58480	58136	74734	74922	98040	99760	119024	116960	144996	
	50HZ/60HZ KW	1703	2941	3784	5800	7018	8617	11146	14386	17441	22291	28793	34882	45924	43344	59959	57586	70176	69763	89681	89990	117648	119712	142829	140382	173995	
Input Power	50HZ/60HZ KW	1.85	2.85	3.7	5.62	6.8	8.35	10.8	13.94	16.9	21.6	27.9	33.8	44.5	42	58.1	55.8	68	67.6	86.9	87.2	114	116	138.4	136	168.6	
	50HZ/60HZ	1.98	3.42	4.4	6.74	8.2	10.02	12.96	16.73	20.28	25.92	33.48	40.56	53.4	50.4	69.72	66.96	81.6	81.12	104.28	104.64	136.8	139.2	166.08	163.2	202.3	
Maximum current	KW	1	1.39	1.7	2.3	2.7	3.6	4.22	5.4	6.43	8.4	10.9	12.94	16.9	16.14	20.92	21.02	25.5	25.1	33.72	32.05	43.7	41.34	56.2	53.8	66.9	
	A	3.9	5.4	6.6	8.9	5.3	6.8	8.3	10.3	12.2	16.3	20.8	24.5	31.8	30.5	39.3	39.6	48	47.2	63.4	60.3	82.2	77.8	105.7	101.2	125.8	
Power	3PH~380V/415V~50HZ/60HZ(3PH~200V/220V 50HZ/60HZ)																										
	1PH~220V/3PH~220V/380V 50HZ/60HZ																										
Refrigerant	Name	R22/R407C/134a/404A/110A																									
	Control	Capillary/ External-balanced thermostatic expansion valve																									
Compressor	Type	Hermetic rotary / piston/scroll																									
	Power(KW)	0.56	0.89	1.2	1.75	2.16	2.95	3.57	4.28	5.3	3.75 x 2	4.28 x 2	5.3 x 2	6.8 x 2	4.28 x 3	8.51 x 2	4.28 x 4	10.8 x 2	5.3 x 4	13.6 x 2	8.51 x 3	18.2 x 2	8.51 x 4	22.8 x 2	10.8 x 4	27.4 x 2	
Condenser	Type	Efficient aluminum finned copper sleeve + low noise external rotor fan																									
	Cooling air flow (m ³ /h)	750	1000	1500	2000	2500	3000	4000	5000	6000	8000	10000	12000	15000	15000	20000	20000	25000	25000	30000	30000	40000	40000	50000	50000	60000	
Evaporator	Fan power (KW)	0.1	0.13	0.15	0.15	0.19	0.14 x 2	0.14 x 2	0.19 x 2	0.19 x 2	0.25 x 2	0.42 x 2	0.42 x 2	0.55 x 2	0.55 x 2	0.85 x 2	0.85 x 2	0.85 x 2	0.85 x 2	0.85 x 2	0.42 x 6	0.42 x 6	0.55 x 6	0.55 x 6	0.85 x 6	0.85 x 6	1.1 x 6
	Type	Tank coil / Shell and tube / Stainless steel plate evaporator																									
Pump	Chilled water flow (m ³ /h)	0.28	0.49	0.64	0.97	1.12	1.44	1.86	2.4	2.91	3.71	4.8	5.81	7.65	7.22	10	9.6	11.69	11.62	14.94	15	19.6	19.95	23.8	23.4	29	
	Capacity(L)	0.34	0.59	0.76	1.16	1.4	1.72	2.23	2.88	3.49	4.46	5.76	7	9.18	8.67	11.99	11.51	14.03	13.95	17.93	18	23.52	23.94	28.6	28.1	34.8	
Security protection	Diameter(inch)	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"	1-1/2"	2"	2"	2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	3"	3"	3"	3"
	Power(kw)	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.75	0.75	0.75	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4	4	4	4	4	4	5.5
Machinery	Maximum lift(in)	22	22	22	22	22	22	22	30	30	25	25	28	28	28	28	28	28	28	30	30	30	30	32	32	32	
	Maximum flow(m ³ /h)	5.4	5.4	5.4	5.4	5.4	5.4	5.4	8.1	8.1	8.1	13.5	13.5	25.2	25.2	25.2	25.2	25.2	25.2	36	36	36	36	40	40	40	
Mechanical Dimensions	Length(mm)	470	550	600	600	720	980	980	1150	1150	1350	1500	1500	1860	1860	2020	2020	2020	2020	2200	2200	2350	2350	2600	2600	2600	
	Width(mm)	370	450	500	500	550	520	520	625	625	680	760	760	850	850	950	950	950	950	1150	1150	1350	1350	1500	1500	1500	
Security protection	Height(mm)	800	880	1030	1030	1420	1170	1170	1385	1385	1530	1660	1660	1930	1900	2000	2000	2000	2000	1980	1980	2000	2000	2100	2100	2100	
	Weight(kg)	45	62	85	95	125	152	175	185	215	283	345	382	580	580	650	650	810	810	890	890	1112	1112	1320	1320	1320	

Notes:
 1. Rated cooling capacity is based on: Chilled water inlet and outlet water temperature 12°C/7°C, the cooling air inlet and outlet temperature 30°C/35°C
 2. Scope of work: Chilled water temperature range : 5°C to 35°C, chilled water inlet and outlet temperature difference: 3°C to 8°C.
 The ambient temperature of condensation: Not higher than 35°C (non-standard chiller ambient temperature of condensation can reach maximum 55°C, need to order production).
 These models above can be customized according to customers' requirements. Specifications and dimensions above are subject to change without notice.
 Model Description: A represents air-cooled; D represents two compressors; T represents three compressors; F represents four compressors.