

水冷式工業冷水機

Water-cooled Chiller



水冷式工業冷水機特點

Special Features

- 人體工學面板，全自動化控制，配備精密控制器，可長期平穩運行。
- 採用高效傳熱換熱器，冷量損失少，易回油，傳熱管不致發生冷裂等優點。
- 採用歐美進口高性能壓縮機，高EER值，噪聲低，運行穩。

- Suitable for long-term stable operation, automatic control with precision thermoelectric controllers.
- High effective heat exchanger, the loss of cooling capacity is minimized, it is easy for oil return and prevented from frost crack.
- Equipped with a powerful compressor imported from U. S. A. and europe. The compressor operates smoothly and quietly at high EER value.

Specifications

技術參數表

型號 Model		SC-03W	SC-04W	SC-05W	SC-06W	SC-08WD	SC-10WD	SC-12WD	SC-15WD	SC-20WD	
製冷量 Cooling Capacity	KW	9.59	12.43	15.91	19.18	24.85	31.83	38.37	50.14	67.14	
	50HZ/60HZ	11.22	14.54	18.62	22.45	29.08	37.24	44.89	58.66	78.56	
總輸入功率 Total Input	kcal/h	8251	10682	13690	16503	21375	27370	32994	43120	57748	
	50HZ/60HZ	9654	12498	16018	19308	25009	32023	38603	50451	67565	
最大運行電流 Maximum Running Current	A	6.7	8.4	10.5	12.6	16.5	20.4	24.6	31.8	42.1	
電源 Power Supply		3N~380V/415V					50HZ/60HZ				
製冷劑 Refrigerant	名稱 Name	R22									
	充注量 Charge	kg	1.7	2.2	2.8	3.4	2.2×2	2.8×2	3.4×2	4.2×2	5×2
	控制方式 Control Type	毛細管 Capillary Tube							外平衡式熱力膨脹閥 External Balanced Thermostatic Expansion Valve		
壓縮機 Compressor	類型 Type	全封閉渦旋式或活塞式 Hermetic Scroll or Piston									
	功率 Motor	KW	2.25	3	3.75	4.5	3×2	3.75×2	4.5×2	5.5×2	7.5×2
冷卻水 Cooling water	水量 Flow	m ³ /h	2.06	2.67	3.42	4.13	5.34	6.85	8.24	10.78	14.44
	水阻力 P.D.	KPa	28	27	34	30	38	34	41	28	38
	進出水管徑 In/Out Pipe Size		63/4"	63/4"	61-1/2"	61-1/2"	61-1/2"	61-1/2"	62"	62"	62"
冷凍水 Chilled Water	水量 Flow	m ³ /h	1.65	2.14	2.74	3.30	4.27	5.47	6.59	8.62	11.55
	水箱 Tank	m ³	0.038	0.038	0.065	0.11	0.11	0.188	0.188	0.285	0.285
	進出水管徑 In/Out Pipe Size		61/4"×4	61/4"×4	61/4"×4	61"	61-1/2"	62"	62"	62"	62-1/2"
水泵 Pump	功率 Motor	KW	0.55	0.55	0.75	0.75	0.75	1.5	1.5	1.5	2.2
	壓力 Pressure	KPa	242	242	290	290	290	205	205	205	220
外形尺寸 Dimension	長 Length	mm	830	830	1080	1080	1300	1300	1600	1675	1880
	寬 Width	mm	460	460	580	580	610	610	750	750	914
	高 Height	mm	1020	1020	1230	1230	1445	1445	1445	1608	1785
重量 Weight	kg	120	140	150	200	210	290	310	400	440	

低噪音 省能源
Low noise energy saving

風冷式工業冷水機

Air-cooled Chiller



風冷式工業冷水機特點

Special Features

- 免裝冷卻水塔，安裝容易，移動方便，適合於水源缺乏安裝冷卻水塔場合。
- 低噪音風機馬達，絕佳的冷卻冷凝效果，穩定節流機構，優異的防銹處理。
- 採用歐美進口高性能壓縮機，高EER值，噪聲低，運行穩。

- Without water-cooling tower for easier installation and higher mobility. It is favorable when there is lack of water supply or when water-cooling tower is not applicable.
- Low noise fan motor provides excellent cooling and condensation effects. The throttle unit is stable and is finished with high-grade anti-rust treatment.
- Equipped with powerful compressor imported from U. S. A. and Europe. The compressor operates smoothly and quietly at high EER value.

Specifications

技術參數表

型號Model		SC-1/2A	SC-01A	SC-02A	SC-03A	SC-04A	SC-05A	SC-06A	SC-08AD	SC-10AD	SC-12AD	SC-15AD	SC-20AD	
製冷量 Cooling Capacity	KW	1.53	2.94	5.67	8.39	10.90	13.95	16.90	21.80	28.01	33.79	44.15	59.08	
	kcal/h 50HZ/60HZ	1316	2528	4872	7216	9374	11990	14530	18748	24089	29059	37965	50805	
總輸入功率 Total Input	KW	0.68	1.31	2.6	3.6	4.5	5.5	6.6	8.6	11	13.3	17	22.8	
最大運行電流 Maximum Running Current	A	4.1	8	15.8	8.8	10.9	13.4	16	20.9	26.7	32.3	41.3	55.4	
電源Power Supply		1N~220V 50HZ/60HZ				3N~380V/415V				50HZ/60HZ				
製冷劑 Refrigerant	名稱Name	R22												
	充注量 Charge	kg	0.6	0.8	1.8	2.7	3.5	4.3	5	3.5×2	4.3×2	5×2	6.5×2	8.5×2
	控制方式 Control Type	毛細管Capillary Tube										外平衡式熱力膨脹閥 External Balanced Thermostatic Expansion Valve		
壓縮機 Compressor	類型Type	全封閉迴轉式 Hermetic Rotary				全封閉渦旋式或活塞式 Hermetic Scroll or Piston								
	功率Motor	KW	0.55	0.75	1.5	2.25	3	3.75	4.5	3×2	3.75×2	4.5×2	5.5×2	7.5×2
冷卻風量Air Flow		m ³ /h	800	1000	2000	3000	4000	5000	6000	8000	10000	12000	15000	20000
冷凍水 Chilled Water	水量Flow	m ³ /h	0.26	0.51	0.97	1.44	1.87	2.40	2.91	3.75	4.82	5.81	7.60	10.16
	水箱Tank	m ³	0.31	0.59	1.14	1.68	2.19	2.81	3.41	4.39	5.64	6.80	8.89	11.89
	進出水管徑 In/Out Pipe Size		G1/2"	G1/2"	G3/4"	G3/4"	G3/4"	G1"	G1"	G1-1/2"	G2"	G2"	G2"	G2"
水泵Pump	功率Motor	KW	0.375	0.375	0.55	0.55	0.55	0.75	0.75	0.75	1.5	1.5	1.5	2.2
	壓力Pressure	KPa	180	180	250	242	242	290	290	290	205	205	205	220
外形尺寸 Dimension	長Length	mm	600	600	820	945	945	1035	1200	1470	1470	1470	1680	1955
	寬Width	mm	400	400	460	550	550	610	650	710	710	800	890	940
	高Height	mm	940	940	1170	1370	1370	1385	1480	1700	1700	1780	1900	1960
重量Weight		kg	45	60	120	130	160	170	250	270	350	370	520	590

高效率 穩運行
High efficiency
stable operation