

Features ◇◇◇◇



The HAC and HWC series of air or water-cooled clean air conditioners that we develop are able to perform air purification based on original function of accurate regulation of air temperature so as to achieve high efficiency and enhance the external static pressure, suitable for user to directly use high-efficient filter.

Therefore, this product is applicable for such fields as medical and health, bio-engineering, food and beverage, electronics, instrumentation, precise machinery, aerospace and other places where give strict requirements on air temperature, humidity and cleanliness.

HWC water-cooled units are applicable for the regions where enjoy sufficient water and allow for the erection of cooling water tower.

HAC air-cooled units are applicable for the regions where is short of water or not suitable for the erection of cooling water tower

HAC and HWC series of units can be attached with exclusive heat collector, saving electricity over 30%.

Exclusive remote controller can be used, with maximum distance up to 800m.

HWC water-cooled cleaning air conditioner

Item	Model No		HWC03	HWC05	HWC08	HWC10	HWC13	HWC15	HWC20	HWC25	HWC30	HWC36	HWC50	HWC60	HWC85	
	Parameters															
Unit Performance	Cooling Capacity	KW	9.0	15.0	24.0	30.0	36.0	45.0	60.0	75.0	90.0	110.0	150.0	180.0	240.0	
	Air Flow	m³/h	1700	2600	4000	5400	7000	8000	10500	13500	18000	20500	25500	28000	36000	
	ESP	Pa	700	700	800	850	850	850	850	900	900	950	950	1000	1000	
	Noise Level	dB(A)	71	73	75	76	75	75	77	78	80	79	80	82	83	
	Power Supply		3N~50HZ 380V													
	Total input Power	KW	3.5	5.7	7.8	10.8	14	15.5	21	25	32	36	48	61	81	
Cooling System	Refrigerant	Medium		R22/R407C												
		Expansion Way		External balanced thermostatic expansion valve/Capillary Tube												
		Volume	kg	2.3	2.8	2.8+2.3	2.8X2	3.2X2	2.8X3	2.8X4	3.2X4	6.5X2+28	6.5X3	6.5X4	6.5X5	6.5X7
	Compressor	Type		hermetic scroll compressor												
		Input Power	KW	2.25	3.75	3.75+2.25	3.75x2	4.5x2	3.75x3	3.75x4	4.5x4	9x2+3.75	9x3	9x4	9x5	9x7
	Evaporator	Type		Copper tubes with aluminum fins												
		Fin Type		Two-Way Slotted Aluminum Fin												
	Condenser	Type		shell and tube												
		Water flow	m³/h	2.0	3.5	5.5	7	9	11	14	17	20	24	28	40	50
		Water Resistance	kPa	20	25	28	28	29	29	29	29	31	45	52	60	65
		Outlet Pipe Size														
Fan System	Fan	Type		Imported Ultra-low-Noise Centrifugal												
		Drive Method		Belt-drive												
	Input Power	KW	1.5	2.2	3	4	5.5	5.5	7.5	7.5	11	11	15	18.5	22	
	Air filters		Primary filter+medium efficient filter (G4+F8)													
Weight		kg	400	460	660	710	1000	1050	1150	1750	1830	2480	2580	3250	750	

HAC air-cooled cleaning air conditioner

Item		Model No		HAC03	HAC05	HAC08	HAC10	HAC13	HAC15	HAC20	HAC25	HAC30	HAC36	HAC50	HAC60	HAC85
		Parameters														
Unit Performance	Cooling Capacity	KW		7.8	13.0	20.8	26.0	32.0	39.0	52.0	65.0	78.0	100.8	130.0	156.0	208
	Air Flow	m³/h		1700	2600	4000	5400	7000	8000	10500	13500	18000	20500	25500	28000	36000
	ESP	Pa		700	700	800	580	800	850	850	900	900	950	950	1000	1000
	Noise Level	dB(A)		71	73	75	76	75	75	77	77	79	78	79	81	82
	Power Supply			3N~50HZ 380V												
Indoor Unit	Total input Power	KW		3.8	5.9	9	11.5	14.5	16	22.5	25.5	32	38	51	64	85
	Refrigerant	Medium		R22/R407C												
		Expansion Way		External balanced thermostatic expansion valve/Capillary Tube												
		Volume	kg	3.5	5	5+3.5	5X2	6X2	5X3	5X4	6X4	12X2+5	12X3	12X4	12X5	12X7
	Compressor	Type		hermetic scroll compressor												
		Input Power	KW	2.25	3.75	3.75+2.25	3.75X2	4.5X2	3.75X3	3.75X4	4.5X4	9X2+3.75	9X3	9X4	9X5	9X7
		Type		Copper tubes with aluminum fins												
	Evaporator	Fin Type		Two-Way Slotted Aluminum Fin												
		Type		Imported Ultra-low-Noise Centrifugal												
		Drive Method		Belt-drive												
		Input Power	KW	1.5	2.2	3	4	5.5	5.5	7.5	7.5	11	11	15	18.5	22
Fan System	Fan	Air filters		Primary filter+modium efficient filter (G4+F8)												
		Weight	kg	280	300	530	570	740	770	850	1360	1430	1970	2050	2400	2800
	The matching outdoor unit models			SW03	SW05	SW08	SW10	SW13	SW15	SW20	SW25	SW30	SW36	SW50	SW60	SW85