

Model		ACK-3	ACK-5	ACK-6	ACK-8(D)	ACK-10(D)	ACK-12	ACK-15	ACK-20(D)	ACK-25(D)	ACK-30(D)	ACK-40(F)	ACK-50(F)	ACK-60(F)
Nominal cooling Capacity	Kcal/h 50HZ/60HZ	7310	12470	14706	19522	24940	31476	39732	51772	62952	79464	103544	125904	158928
		8772	14964	17647	23426	29928	37771	47678	62126	75542	95357	124253	151085	190714
	KW 50HZ/60HZ	8.5	14.5	17.1	22.7	29	36.6	46.2	60.2	73.2	92.4	120.4	146.4	184.8
		10.20	17.40	20.52	27.24	34.80	43.92	55.44	72.24	87.84	110.88	144.48	175.68	221.76
Total input power	KW	3.2	5.53	5.93	9.38	11.22	11.72	15.06	19.96	22.36	28.96	39.2	43.92	57.48
Power		3PH-380V-50HZ (200V/220V/415V /460V 50HZ/60HZ)												
Refrigerant	Type	R22 (R134a/R407c)												
	Control method	Capillary			Expansion valve									
Compressor	Type	Hermetic scroll												
	Power(KW)	2.64	4.4	4.8	7.4	8.8	9.3	12.46	16.2	18.6	24.92	32.4	36.8	49.8
Condenser	Type	Finned copper tube+low noise outer rotor fan.												
	Power(KW)	0.19	0.38	0.38	0.48	0.92	0.92	1.1	1.56	1.56	1.84	2.8	3.12	3.68
	Cooling air flow (m3/h)	3000	5000	6000	8000	10000	12000	15000	20000	25000	30000	40000	50000	60000
Evaporator	Type	Shell and Tube (Water tank with coil)												
	Chilled water flow (m3/h)	1.47	2.50	2.95	3.91	5.00	6.31	7.97	10.38	12.62	15.93	20.76	25.24	31.86
		1.76	3.00	3.54	4.70	6.00	7.57	9.56	12.46	15.14	19.12	24.91	30.29	38.23
	Tank volume (L)	20	30	30	85	85	85	145	170	170	220	240	345	345
Inlet/outlet pipe caliber	1"	1"	1"	1-1/2"	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	3"	3"
Water pump	Power(kw)	0.37	0.75	0.75	1.5	1.5	1.5	1.5	2.2	2.2	2.2	4	4	4
	Lift(m)	20	20	20	20	20	20	20	20	20	20	22	22	23
Safety protection		Compressor overheating protection, over-current protection, high and low pressure protection, over-temperature protection, flow switch protection, phase sequence or missing phase protection, exhaust overheating protection.												
Dimension	Length(mm)	1030	1140(1300)	1140(1300)	1530(1600)	1530(1600)	1530(1600)	1900(1900)	2000(2200)	2200(2200)	2000(2300)	2100(2300)	2350	2700
	Width(mm)	520	560(650)	560(650)	780(850)	780(850)	780(850)	1050(1050)	1130(1300)	1130(1300)	1480(1480)	1660(1800)	1760	2100
	Height(mm)	1185	1250(1450)	1250(1450)	1630(1810)	1630(1810)	1630(1810)	1800(2020)	1820(2020)	1965(2020)	1890(1900)	2100(2150)	2100	2050
Weight	Kg	150	180	200	350	500	550	850	950	1100	1300	1250	1550	1850

Note: 1. Nominal cooling capacity is according to:

Inlet chilled fluid temperature: 17°C; Outlet chilled fluid temperature: 12°C

Inlet cooling air temperature: 30°C; Outlet cooling air temperature: 35°C

2. Working range:

The temperature range of chilled fluid is from 5°C to 35°C;

Temperature difference between inlet and outlet chilled fluid is from 3°C to 8°C.

It is better to use the chiller while the ambient temperature at or below 35°C.

We reserve the right to modify the above dimensions or parameters without further notice.