

Model		ACKV-3	ACKV-5	ACKV-8	ACKV-10	ACKV-12	ACKV-15(D)	ACKV-20(D)	ACKV-25(D)	ACKV-30(T)	ACKV-40(F)	ACKV-50(F)
Nominal cooling Capacity	Low frequency Kcal/h	2270	3043	5182	6751	8067	10365	13502	16134	20253	27004	32267
	High frequency Kcal/h	8170	10956	18653	24338	29068	37307	48676	58136	73014	97352	116272
	Low frequency kw	2.64	3.54	6.03	7.85	9.38	12.05	15.70	18.76	23.55	31.40	37.52
	High frequency kw	9.50	12.74	21.69	28.30	33.80	43.38	56.60	67.60	84.90	113.20	135.20
Total input power	Low frequency kw	1.31	2.09	3.67	4.57	5.01	5.98	8.06	8.94	12.29	15.40	17.49
	High frequency kw	3.27	4.59	8.06	10.16	11.75	14.75	19.24	22.42	29.07	37.77	44.44
Power		Variable frequency power supply										
Refrigerant	Type	R410a										
	Control method	Electronic expansion valve										
Compressor	Type	Hermetic motor driven compressor										
	Low frequency power (kw)	0.75	0.96	1.69	2.15	2.59	3.38	4.30	5.18	6.45	8.60	10.37
	High frequency power (kw)	2.71	3.46	6.08	7.74	9.33	12.15	15.48	18.66	23.23	30.97	37.32
Condenser	Type	Finned copper tube+low noise outer rotor fan										
	Power (KW)	0.19	0.38	0.48	0.92	0.92	1.1	1.56	1.56	1.84	2.8	3.12
	Cooling air flow(m3/h)	3000	5000	8000	10000	12000	15000	20000	25000	30000	40000	50000
Evaporator	Type	Water tank with coil(Shell and Tube)										
	Chilled water flow(m3/h)	1.64	2.20	3.74	4.88	5.83	7.48	9.76	11.66	14.64	19.52	23.31
	Tank volume(L)	20	30	85	85	85	145	170	170	220	240	345
	Inlet/outlet pipe caliber	1"	1"	1-1/2"	1-1/2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	3"
Water pump	Power(kw)	0.37	0.75	1.5	1.5	1.5	1.5	2.2	2.2	4	4	4
	Lift(m)	20	20	20	20	20	20	20	20	22	22	22
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)	1200	1140	1530	1530	1530	1850	2150	2150	2150	2100	2350
	Width(mm)	560	560	780	780	780	990	1130	1130	1480	1660	1760
	Height(mm)	1280	1250	1630	1630	1630	1870	1820	2000	1950	2100	2100
Weight	Kg	150	180	350	500	550	850	950	1100	1300	1450	1550

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.