

Model		AWKV-03	AWKV-05	AWKV-08	AWKV-10	AWKV-12	AWKV-15(D)	AWKV-20(D)	AWKV-25(D)	AWKV-30(T)	AWKV-40(F)	AWKV-50(F)
Nominal cooling Capacity	Low frequency Kcal/h	2485	3333	5676	7393	8835	11352	14786	17670	22178	29571	35340
	High frequency Kcal/h	8947	11997	20434	26614	31806	40867	53228	63612	79842	106456	127225
	Low frequency kw	2.89	3.88	6.6	8.60	10.27	13.2	17.19	20.55	25.79	34.39	41.09
	High frequency kw	10.40	13.95	23.76	30.95	36.98	47.52	61.89	73.97	92.84	123.79	147.94
Total input power	Low frequency kw	0.98	1.53	2.86	3.23	3.59	4.22	5.67	6.38	8.20	10.94	12.36
	High frequency kw	2.55	3.54	6.40	7.74	9.02	11.30	14.69	17.25	21.73	28.98	34.10
Power		Variable frequency power supply										
Refrigerant	Type	R410a										
	Control method	Electronic expansion valve										
Compressor	Type	Hermetic motor driven compressor										
	Low frequency power (kw)	0.61	0.78	1.36	1.73	2.09	2.72	3.47	4.18	5.20	6.94	8.36
	High frequency power (kw)	2.18	2.79	4.90	6.24	7.52	9.80	12.49	15.05	18.73	24.98	30.10
Condenser	Type	Shell and Tube										
	Power ( KW )	2.2	2.9	4.9	6.4	7.7	9.8	12.8	15.3	19.2	25.6	30.6
	Cooling air flow(m3/h)	1"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"
Evaporator	Type	Water tank with coil(Shell and Tube)										
	Chilled water flow(m3/h)	1.8	2.4	4.1	5.3	6.4	8.2	10.7	12.8	16.0	21.3	25.5
	Tank volume(L)	60	60	75	75	75	175	175	175	195	480	480
	Inlet/outlet pipe caliber	1"	1"	1-1/2"	1-1/2"	2"	2"	2"	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	3	4	4
	Lift(m)	20	20	22	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)	1040	1040	1320	1320	1320	1850	1850	1850	2030	2400	2400
	Width(mm)	500	500	710	710	710	810	810	810	910	1100	1100
	Height(mm)	940	940	1320	1320	1320	1620	1620	1620	1820	1900	1900
Weight	Kg	130	150	300	430	500	735	820	900	1150	1400	1400

Note: 1.Nominal cooling capacity is according to:

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

Inlet cooling water temperature: 30°C; Outlet cooling water 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.

The temperature range of cooling water is from 18°C to 37°C;

Temperature difference between inlet and outlet cooling water is from 3.5°C to 10°C.

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