

Model		AGS-40WSHI	AGS-50WSHI	AGS-60WSHI	AGS-75WSHI	AGS-85WSHI	AGS-100WSHI	AGS-120WSHI	AGS-140WSHI	AGS-160WSHI
Cooling capacity	Cooling capacity	143	187.7	201.6	269.7	317.8	373.9	437.9	531.8	614.7
	Compressor Power	31.3	39	42.9	56.1	63.7	73.9	88.3	105.8	121.8
Total input power (kw)		41	49	56	71	79	89	114	143	159
Max.runing current (A)		93.0	110.5	127.4	162.0	179.4	202.6	260.5	325.5	361.9
Refrigerant	Type	R22 (R407c)								
	Charge (kg)	26	30	36	49	54	65	68	90	100
	Control method	Expansion valve								
Compressor	Type	Semi-hermetic screw								
	Start-up mode	Y-△								
	Capacity control (%)	0-33-66-100			0-25-50-75-100					
Evaporator	Type	Shell and tube								
	Chilled water flow (m3/h)	24.6	32.3	34.7	46.4	54.7	64.3	75.3	91.5	105.7
	Inlet/outlet pipe caliber	3"	3"	3"	4"	4"	4"	5"	5"	5"
Condenser	Type	Shell and tube								
	Cooling water flow (m3/h)	30.7	40.3	43.3	58.0	68.3	80.4	94.1	114.3	132.1
	Inlet/outlet pipe caliber	3"	3"	3"	4"	4"	4"	5"	5"	5"
Safety protection		Compressor over temperature protection,over load protection,high and low pressure protection,flow switch protection,reversed and lacking phase protection,anti-freezing protection,fusible plug.								
Square water tank	Tank volume	1500L	1500L	2000L	3000L	3000L	3000L	4000L	5000L	5000L
External circulation water pump	Power (KW)	5.5	5.5	7.5	7.5	7.5	7.5	15.0	15.0	15.0
	Lift (m)	25.5	24.5	24.6	24.1	23.6	23.6	26.2	26.2	25.7
Internal circulation water pump	Power (KW)	4	4	5.5	7.5	7.5	7.5	11	22	22
	Lift (m)	20	20	20	22	22	22	20	32	32
Dimension	Length(mm)	3200	3200	3300	3600	3600	3900	3900	4300	4300
	Width(mm)	1700	2000	2300	2300	2300	2400	2400	2400	2400
	Height(mm)	1883	1883	1883	1995	1995	2400	2400	2400	2400
Net weight (KG)		1580	1860	1930	2185	2290	2360	2630	2910	3150
Running weight (KG)		3180	3460	4100	5230	5450	5560	6690	8300	8550

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.