

ARYA SARMAYESH KNOWLEDGE BASE CO AIC SERIES ONLY FOR CONDENSER CHILLER

Type				AIC 12+20-14-50	AIC 12+20-23-200	AIC 12+20-40-400	AIC 12+20-60-400	AIC 12+20-70-400	AIC 12+20-80-400
Tank volume for save energy		L	50	200	400	400	400	400	400
Performance for temperature tests									
Temperature Range		°C	+12 ~ +20	+12 ~ +20	+12 ~ +20	+12 ~ +20	+12 ~ +20	+12 ~ +20	+12 ~ +20
Temperature deviation in time		K	± 1.0 to ± 2.0						
Temperature homogeneity in tank		K	± 1.0 to ± 2.5						
Temperature rate of change 1)		Heating	K/min						
		Cooling	K/min						
Heat compensation at +12 °C		W	13500	23000	40000	60000	70000	80000	
Heater power		W	1500	1500	3000	3000	4500	4500	
Outlet pipe dimensions		Ø inch	3/4	1	1,1/4	2	2	2	
Inlet pipe dimensions		Ø inch	3/4	1	1,1/4	2	2	2	
External dimensions		Width	mm	1100	1900	2450	2450	2450	2450
		Depth	mm	1100	1100	1100	1100	1100	1100
		Height	mm	2060	2060	2060	2060	2060	2060
Sound pressure level 2)		db(A)	<75	<79	<79	<81	<81	<81	<81
Condensing unit			Air cooled	Air cooled	Air cooled	Air cooled	Air cooled	Air cooled	Air cooled
Voltage			380 VAC	380 VAC	380 VAC	380 VAC	380 VAC	380 VAC	380 VAC
Rated power		kW	7	11	13	17	21	23	

Performance values refer to +40 °C ambient temperature .

1) With tank full of water & loop outlet to inlet

2) Measured in 1 m distance from the front and in 1.6 m height at free field measurement according to EN ISO 11201 .

compressor
manuroup MT56