

GT-BA Series

Small Room Precision Air Cooling

INTRODUCTION

The GT-BA series computer room air conditioner is designed for small and medium-sized computer rooms, telecom station, equipment rooms, etc..

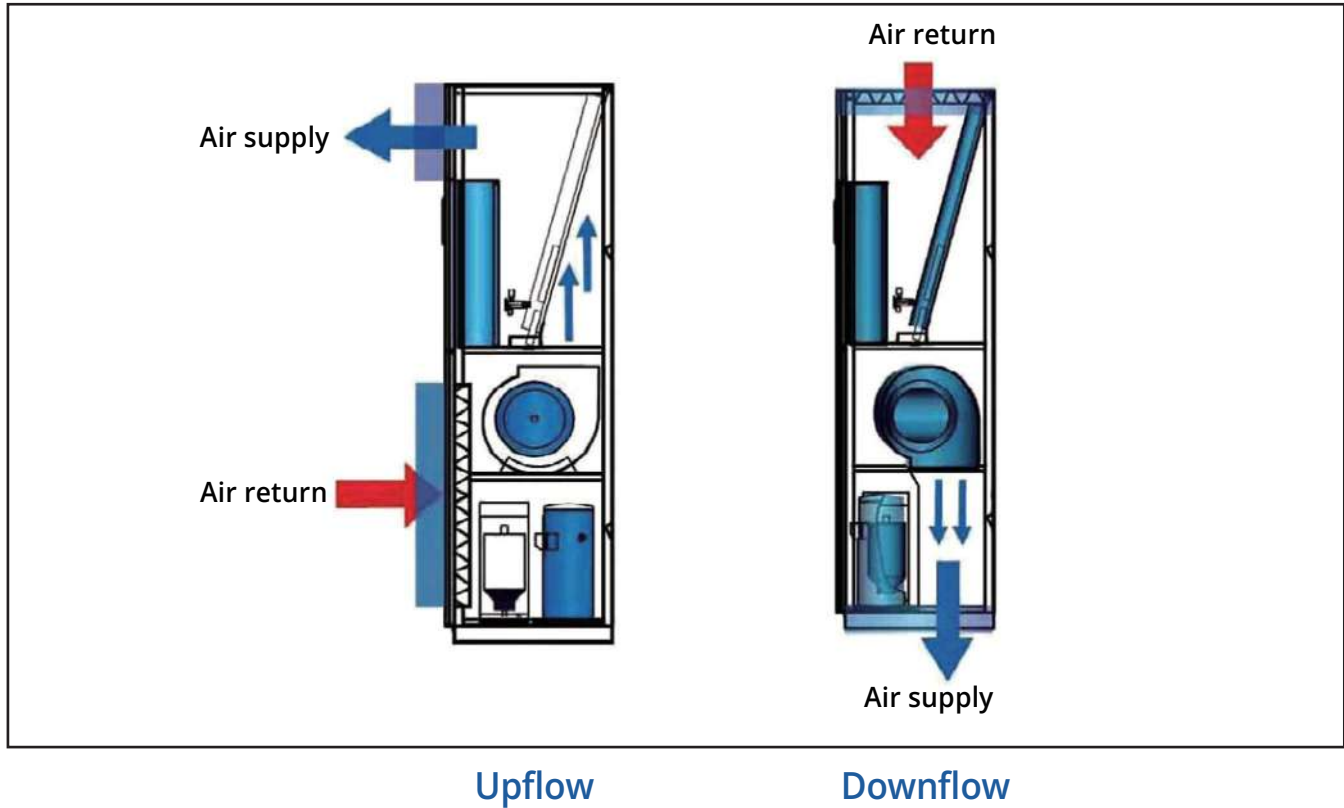
GT-BA has the characteristics of high air volume and small enthalpy with high reliability, high efficiency, long working life, and energy saving.

APPLICATIONS

- IT Equipment Room
- Small Data Center
- Industrial Clean Room
- Constant Temperature And Humidity Process Workshop
- Laboratory
- Electric Power Equipment Room
- Railway Subway Machine Room
- Base Station And Small Telecom Switch Room
- Medium&Small Telecom Switch Room



AIR DISCHARGE



PREMIUM PERFORMANCE

Performance	Parameters
Working Environment	Indoor return air condition 24℃ / 50% RH, outdoor ambient temperature 35℃.
Filter level	Multi-voltage compatibility reduces frequent start-stop operations of the devices.
Precision Control	Constant temperature and humidity models are equipped with heating and humidifying functions.
Reliability	Rigorous testing and verification to ensure safe operation.

PREMIUM PERFORMANCE

Professional operation	Operating Interface	4.3" true colour touch screen, friendly human-machine interface, convenient operation
	Display content	1. Real-time operating status of all components of the unit 2. Operation and configuration parameters with levels of password protection 3. Automatic maintenance prompts, fault diagnosis, component alarm messages, etc. 4. Graphic display of temperature and humidity curves, operating status of all components and component running time, etc.
	Information record	1. Complete machine and component runtime 2. All operational actions of the unit
	Monitoring functions	1. Standard RS485 interface, optional SNMP interface, 2. Supports management of at least 64 units.
Control methods	Humidity control	Optional humidifier with relative or absolute humidity control
	Start/stop control	Timed switch on/off Manual forced function
	Self-starting on incoming calls	Minimum detection time for incoming power supply, so that the unit can be put into operation in the shortest possible time and avoid damage to the server caused by high temperature rise after a long shutdown
	Group control function	1. Support not less than 64 units group control management. 2. four group control modes: rotating standby, simultaneous autonomous, equal distribution and on-demand distribution. 3. support for rotating, backup and cascading functions, which can avoid competing operations. 4. automatic host push function: when the host fails, the slave automatically pushes a new host. 5. Group communication failure is to maintain communication in normal switching state, temperature and humidity demand switch to local mode.
Security protection	Fire protection grade	A
	Panel protection	IP54 (outdoor unit) , IP20 (indoor unit)
	Insulation Level	F
	System protection	The system can be optionally equipped with phase sequence protection, over/under voltage protection, water leakage protection, etc. To ensure the normal operation of the unit when unattended.
Cleanliness control	Component protection	Humidifier protection, heater protection, filter blocking alarm, etc.
	Filter level	G4

TECHNICAL DATA OF GT-BA SERIES

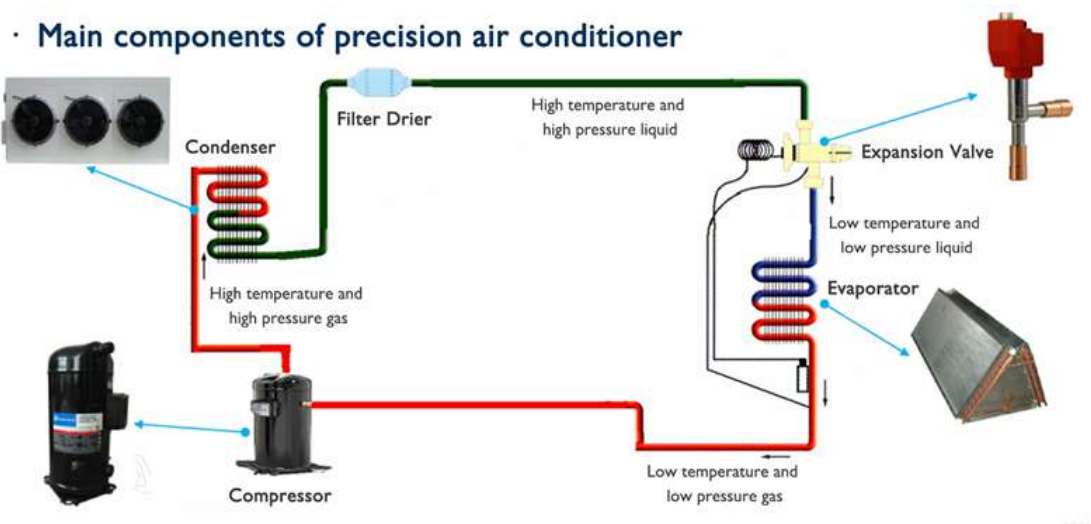
Indoor Model	005	007	012	017	020
Total Cooling Capacity (kw)	5.6	7.6	12.6	17.2	20.5
Sensible Heat Ratio (W/W)	0.9	0.9	0.9	0.9	0.9
Air Volume (m³/h)	2000	2300	3200	5000	5500
Fan Type	AC or EC Fans				
Air Supply	Top Front Supply/Downflow Supply				
EEV	High Efficiency EC Fans				
Refrigerant	R410A				
Heating Capacity(kv)	3	3	3	6	6
Humidification Capacity(kg/h)	3	3	3	3	3
Power Supply Type	220V-50Hz		380V/3N-50HZ		
Single Cooling FLA (A)	10.8	15	10.9	14.2	14.8
Constant Temp. and Humidity FLA(A)	23	25	22	25	26
Weight (kg)	60	64	99	120	128
Dimension WxDxH(mm)	520x420x1748	520x420x1748	600x520x1798	700x700x1898	700x700x1898
FA series Outdoor Unit					
Outdoor Model(Nominal condition)	FA008APN	FA012APN	FA020APN	FA025APN	FA030APN
Power Supply Type	220V-50Hz				
Outdoor Weight(kg)	28	32	49	88	88
Dimension WxDxH(mm)	840x285x605	830x310x720	830x330x1245	1050x400x1560	1050x400x1560



① F: Air supply from the front, D: Air from the bottom;
② Standard working conditions: return air dry bulb temperature 24℃, relative humidity 50%, outdoor dry bulb temperature 35℃;
③ The size of the interface is the internal interface of the indoor unit, please refer to the manual for connecting the copper pipe.
④ The sound pressure level is meauered on 1m height, and the distance from the unit is 1m.

TECHNICAL DATA OF GT-BA SERIES

Indoor Model	005	007	012	017	020
Total Cooling Capacity (kw)	5.6	7.6	12.6	17.2	20.5
Sensible Heat Ratio (W/W)	0.9	0.9	0.9	0.9	0.9
Air Volume (m³/h)	2000	2300	3200	5000	5500
Fan Type	AC or EC Fans				
Air Supply	Top Front Supply/Downflow Supply				
EEV	High Efficiency EC Fans				
Refrigerant	R410A				
Heating Capacity(kv)	3	3	3	6	6
Humidification Capacity(kg/h)	3	3	3	3	3
Power Supply Type	220V-50Hz		380V/3N-50HZ		
Single Cooling FLA (A)	10.8	15	10.9	14.2	14.8
Constant Temp. and Humidity FLA(A)	23	25	22	25	26
Weight (kg)	60	64	99	120	128
Dimension WxDxH(mm)	520x420x1748	520x420x1748	600x520x1798	700x700x1898	700x700x1898
FA series Outdoor Unit					
Outdoor Model(Nominal condition)	FA008APN	FA012APN	FA020APN	FA025APN	FA030APN
Power Supply Type	220V-50Hz				
Outdoor Weight(kg)	28	32	49	88	88
Dimension WxDxH(mm)	840x285x605	830x310x720	830x330x1245	1050x400x1560	1050x400x1560



① F: Air supply from the front, D: Air from the bottom;
② Standard working conditions: return air dry bulb temperature 24℃, relative humidity 50%, outdoor dry bulb temperature 35℃;
③ The size of the interface is the internal interface of the indoor unit, please refer to the manual for connecting the copper pipe.
④ The sound pressure level is meauered on 1m height, and the distance from the unit is 1m.