

Ceiling-mounted constant temperature and humidity air conditioner



Product Features:

- Temperature control accuracy of $\pm 1^{\circ}\text{C}$
- PLC intelligent control is more precise
- Internationally renowned brand compressor
- Concealed installation, which saves more space
- Automatic fault detection function
- Auto-start upon power restoration and power-off memory
- Support RS232, RS422 and RS485 communication interfaces
- Supports MODBUS communication protocol
- Aluminum fin hydrophilic film on the condenser/evaporator, with anti-stain and cleaning capabilities
- Internally threaded copper tubes, which greatly improve the energy efficiency of the system

Application scenario: communication information control room, precision instrument production workshop, laboratory, library, archive room and other environments.

Type		H-05F	H-09F	H-12F	H-20F	H-30F	H-40F	H-50F	H-60F	H-80F
Applicable area (square meters, height 3m)		15-25	25-35	35-55	60-80	80-120	130-160	160-200	200-240	240-350
Horsepower(P)		2	3	5	8	10	16	20	24	32
Air conditioning unit performance	Cooling capacity (kw)		9	12	20	30	40	50	60	80
	Electric heating(kw)	3.5	5	7	12	18	21	28	32	45
	Air vol (m ³ /h)	1000	2200	3000	4200	5500	8000	10000	12000	17000
	External static pressure (Pa)	50	100	150	100	150	200	300	300	350
	Unit noise dB (A)	60	62	64	66	69	69	71	71	73
	Temperature control range(°C)	14-30°C, Precision ±0.5°C								
	Humidity control range(% RH)	RH-50~70%, Precision ±3%								
	Power	220V, 50Hz	380V, 50Hz, three-phase five-wire system							
	Total unit capacity (kW)	7.2	11.2	15.5	22	35	43	53	65	80
Refrigeration system	Compressor type	Fully enclosed scroll type								
	Quantity and power (kW)	1				2				
	Quantity and power (kW)	1.47	2.6	3.5	6	9	12	15	18	24
	Refrigerant type	(R22, R407c,R410,R134a selectable)								
	Throttle mode	Electronic expansion valve (EEV)								
Heating system	Heating form	PTC, Electric heating								
	Heating capacity (kW)	3.5	5	7	12	18	21	28	32	45
	Power (kW)	3.5	5	7	12	18	21	28	32	45
Humidification system	Humidification capacity (kg/h)	2	4	4	4	8	8	15	15	20
	Power (kW)	1.5	3	3	3	6	6	11.25	11.25	15
	Inlet pipe diameter	Pipe diameter 4 min								
Indoor unit size	L (mm)	949	1140	1140	1240	1300	1400	1800	1800	Custom-izable
	W (mm)	1096	1200	1200	1470	1950	1680	2210	2210	
	H (mm)	500	600	600	695	695	740	895	895	
Outdoor unit size	L (mm)	857	638	738	788	738	788	888	888	888
	W (mm)	445	638	738	788	738	788	838	838	838
	H (mm)	616	745	765	925	765	925	1085	1085	1085
	Quantity (units)	1	1	1	1	2	2	2	2	2
Connection pipe size	High-pressure pipe	9.52	9.52	9.52	16	9.52*2	16*2	22*2	22*2	22*2
	Low-pressure pipe	12.7	12.7	12.7	19	12.7*2	19*2	22*2	22*2	22*2