

YTF SERIES, FREE COOLING

MONOBLOCK ROOM AIR CONDITIONING

- Ø Monoblock design
- Ø Small body, easy to install
- Ø Fresh air, free cooling
- Ø Reliability & Low power consumption
- Ø CE/ROHS Certificate



INTRODUCTION

- ✓ **MONOBLOCK ROOM AIR CONDITIONER** can be installed in the given electronic equipment room such as communication base station, switch center, program-controlled telephone room, computer room, centralized control center or other similar devices requirements room.
- ✓ **Monoblock design, compact construction, easy to install, especially suitable for the place where is inconvenience for installing condenser or without water source at outdoor. The condensing heat can be discharged through window, air outlet in the wall.**



一体化机房专用空调



INTRODUCTION

- ✓ Two kind of operation mode, one is standard mode, called mechanical cooling with compressor, the other is energy-saving mode, called free cooling with fresh air. the equipment can be automatically switch between the two operation mode through air valve according to temperature difference of indoor and outdoor and the temperature & humidity data settings.
- ✓ The unit with the function of power off memory & power on auto-start function, can be operated all year around, with high reliable and stability.
- ✓ The unit also can be control & inspect in long-distance.



一体化机房专用空调



Characteristics

Gale volume, small enthalpy difference, high sensible heat, designed for devices room

Compact construction, easy to install & maintain, small body

Reliable, adaptability, always running

Side air return, bottom air supply, easy for heat scatter

Fresh air, free cooling, auto-switch



Characteristics

- Famous brand compressor & centrifugal fan
- Hydrophilic membrane fin with copper tube.
- G3 or G4 filter.
- Multiple security, fault & alarm output
- Long-distance inspect & control, power off memory & auto-start.



PERFORMANCE

	Model ⁽³⁾	YTF10	YTF12
Power	V/ph/Hz	400/3+N/50	400/3+N/50
Total cooling ⁽¹⁾	kW	10.5	12.6
Sensible cooling	kW	9.5	11.5
Air supply	m ³ /h	3020	3020
Electric heating	kW	4.5	4.5
Filter efficiency		G3 (G4 Optional)	G3 (G4 Optional)
Rated Com. power	kW	3.2	4.1
Dimensions ⁽²⁾ (W×D×H)	mm	1000× 550× 2000	1000× 550× 2000
Weight	kg	300	310
Refrigerant		R22/R407C	R22/R407C

(1) Condition: indoor: 23°C, 50%RH; outdoor: 35°C;

(2) Air supply/return mode: Side air return, bottom air supply;

(3) Can design 3HP、4HP、5HP、8HP units according to requirements.



OPERATION CONDITION

1

ØOutdoor:
Max. Tem.48°C,
Min. Tem.-
20°C, No
causticity,
explode air.

Use fresh air

2

ØIndoor:
Max. Tem.32°C,
Min. Tem.16°C,
Max.
humidity:90%RH
, No gel.

Control precision

3

ØNon-standard:
Can be designed
according to
client's
requirement.

High\low Tem.design



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