

In-row Precision Air Conditioner 12.5KW~60KW**Technical Data**

Product Description	<ul style="list-style-type: none">• A new generation of row air conditioner products was launched by our company, with a cooling capacity of 12.5KW~60KW, featuring high-efficiency cooling, automatic frequency conversion, wide voltage range, high reliability, intelligent monitoring, quick installation, and convenient maintenance.• consists of two parts: the indoor unit and the outdoor unit. The outdoor unit automatically adjusts the fan speed or water-saving valve opening according to the operating pressure of the refrigeration system, which can minimize the noise pollution to the environment on the basis of meeting the cooling needs of the system.• Row air conditioner can be equipped with a low-temperature Component to enable the unit to operate normally at the lowest outdoor ambient temperature of -35°C; it can be equipped with an extension component to enable the unit to operate normally when the indoor and outdoor pipes are more than 30m long
Application	<ul style="list-style-type: none">• High heat density IT room• Modular datacenter• Container datacenter
Indoor Unit Parameters	Air supply method: F/S
Input power from	380V/3P/50Hz
Performance parameters	Cooling capacity(kw) : 12.5
	Sensible cooling capacity(kw) :12.5

	Heating capacity(kw) : 2
	Humidification capacity(kg/h) :1
Compressor parameters	Compressor type: Inverter compressor
	Refrigerant form: R410A
	Compressor quantity :1
Blower parameters	Fan type: EC centrifugal fans
	Fan quantity: 4
	Air volume (m3/h): 3200
	Residual pressure outside the machine (Pa): The standard residual pressure is 20Pa, adjustable from 0to300Pa
Electric heating parameters	Electric heating form: PTC electric heater
	Electric heating capacity(kw) :2
Humidifier parameters	Humidification form: Wet film humidifier
	Maximum humidification capacity(kg/h): 1.5
	Throttling from the Electronic expansion valve,
	Air filter: G4 plate filter
Unit connecting pipe	Humidifier water inlet pipe(in) :G1/2
	Water inlet solenoid valve interface(in): G3/4
	Condensate drain pipe ϕ (mm) : 19
	Refrigerant gas pipe ϕ (mm) :15.88
	Refrigerant liquid pipe ϕ (mm): 9.52
	Maximum operating current(A): 24
	Power line specification(mm ²): 5*4
Indoor unit structural parameters-W*D*H(mm)	Dimensions 300*1200*2000; 300*1400*2000 Weight(kg) : 190
	Remark: ① F: Back return and front supply; S: Side return and side supply ② Standard operating conditions: Indoor return air dry bulb temperature37°C, relative humidity 24%, outdoordrybulbtemperature35°C ③ the above table is only part of the parameters. The specific configuration is subject to the actual purchase nameplate. If you need more parameter information
Outdoor Unit Parameters	Input power form:220V/1P/50Hz
	Installation: Vertical
	Maximum current(A) : 1.7
	Speed regulation mode: Stepless speed regulation
	Power line specification (mm ²) : 3*1.5
Outdoor unit structural parameters-W*D*H(mm)	Dimensions 930*385*1260 Weight(kg):65