

CSA Precision Inverter CRAC

Introduction

CSA precision inverter CRAC is equipped with inverter compressor and high-efficiency EC centrifugal fan. The unit has passed rigorous testing and verification by national-level laboratory, and has significant characteristics of energy saving and stable operation.

Application scenarios: small and medium-sized computer room, equipment room, telecom base station, battery room, substation, power distribution room, monitoring room, etc.

Picture



Advantages

- ◆ The unit uses inverter compressor to provide more accurate and flexible temperature control
- ◆ With Wet film humidification, power consumption is greatly reduced
- ◆ Full inverter design
- ◆ It has the functions of power off memory, autostart, group control and flexible configuration, etc.
- ◆ 'Lightning protection component is optional, ensuring the stability of the equipment room
- ◆ "Low temperature components in optional, which can achieve -35°C (-31°F) reliable operation

Specification

CSA Inverter Precision CRAC					
Indoor unit model		CSA3008	CSA3013	CSA3020	CSA3030
Main power supply	Volts-Hz-ph	460-60-3			
Air supply	/	Up and front air supply			
Refrigerant type	/	R410A			
Performance parameter					
Cooling capacity	kW	7.5	12.5	20	30
Sensible capacity	kW	6.75	11.25	18	27
Compressor QTY	set	1	1	1	1
Fan type	/	EC Centrifugal fan			
Fan QTY	set	1	1	1	1
Circulating air volume	CFM (ft³/min)	1295	2119	3237	4414
Heating capacity	kW	3	3	3	6
Humudification	lbs/h	3.31	3.31	6.62	6.62
Connecting pipe size (≤20m)					
Liquid pipe	mm (inch)	6.35 (0.25)	9.52 (0.37)	12.7 (0.5)	15.88
Gas pipe	mm (inch)	15.88 (0.63)	19.05 (0.75)	19.05 (0.75)	22 (0.87)
Humidification inlet pipe (Internal thread)	inch	G 1/2"			
Drain pipe	mm (inch)	ID19*OD25 (ID0.75*OD0.98)			
Dimension and Weight of indoor Unit					
Dimension (W*D*H)	mm (inch)	550*450*1800 (22*18*71)	650*450*1800 (26*18*71)	800*650*1800 (32*26*71)	900*750*1975 (35*30*78)
Weight	lbs	260.15	304.24	383.6	485.02
Dimension and weight of outdoor unit					
Dimension (W*D*H)	mm (inch)	728*405*762 (29*16*30)	728*405*1370 (29*16*54)	1020*405*1370 (40*16*54)	1300*740*1216 (51*29*48)
Weight	lbs	74.96	116.84	163.14	319.67
Note:					
Standard working conditions: indoor ambient temperature 24°C (75.2°F), RH50%,outdoor ambient temperature 35°C (95°F) .					