

DX Computer Room Precision Aircon

Features

Medium to large-scale IDC data centers/telecommunication rooms/archives/electrical distribution rooms/laboratories/electronic instrument factories and other scenarios.



Product Introduction

Energy-efficient

- Equipped with high-efficiency variable frequency compressors;
- Variable air volume EC fans with infinite variable frequency adjustment;
- High-efficiency and environmentally friendly refrigerant R410a.

Flexible Configuration

- Multiple air delivery options available, including up air supply and down air supply;
- Can meet various power supply specifications: 380-415V, 3-phase, 50/60Hz power supply.

Intelligent Control

- Standard with a 7-inch LCD touch screen for an attractive interface;
- Equipped with an RS485 interface and multi-level password protection;
- Supports group control, allowing for networking and coordination of up to 32 units.

Quick Installation

- Designed with a modular concept for quick installation;
- Full front maintenance access.

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Specification

Model			DCAI-300F	DCAI-400F	DCAI-500F	DCAI-600F	DCAI-800F	DCAI-1000F	DCAI-1200F
Cooling Performance	Total Capacity•	kW	30.1	40.1	50.1	60.2	80.2	100.2	120.2
	Sensible Capacity•	kW	27.7	36.1	46.1	55.4	73.8	92.2	110.6
Refrigerant		-	R410A						
Fan	Type	-	EC						
	Quantity	n	1	1	1	2	2	2	2
	Airflow	m³/h	8000	10500	13000	16000	21000	26000	29000
	ESP	Pa	100						
	Air supply	-	Upflow/Downflow						
Compressor	Type	-	Inverter						
	Quantity	n	1	1	1	2	2	2	2
Air filter		-	G4						
Electric heater Power		kW	6.0	9.0	9.0	9.0	15.0	15.0	15.0
Humidifier	Type	-	Wet-film						
	Capacity	kg/h	6.0	6.0	6.0	10.0	10.0	10.0	10.0
Dimensions	Width	mm	930	930	1130	1830	1830	2230	2530
	Depth	mm	996						
	Height	mm	1995						
Net Weight		kg	330	350	425	585	625	775	835
Power Supply		-	380-415V,3Ph,50/60Hz						
Max Current		A	38.9	47.5	47.5	74.4	90.4	90.4	100.4
Pipe size	Liquid pipe	mm	16	16	19	16	16	19	19
	Gas pipe	mm	16	19	19	16	19	19	22
Outdoor Unit- Flat Model		-	DHA-550P	DHA-660P	DHA-880P	DHA-550P•2	DHA-660P•2	DHA-880P•2	DHA-990P•2
Outdoor Unit-V Model		-	DHA-550V	DHA-660V	DHA-880V	DHA-1000V	DHA-1320V	DHA-1760V	DHA-1980V

Note:

1.* Nominal condition: Indoor 24.0°C/50%RH, outdoor 35.0°C.

2. The parameters will refer the latest updated product spec.