

## DX In-Row Precision Aircon

### Features

DX In-Row Aircon is a temperature control product developed for modular data centers and high heat density computer rooms. This product uses near-end cooling, high return air temperature design, and the fan is designed with redundancy, making it high energy-efficiency, safety, and reliability.



### Specification

Model			DCAI-250L	DCAI-400L	DCAI-500L	DCAI-G00L
Refrigeration Method		/	Air-Cooled			
Air Delivery Mode		/	Front Air Supply			
Rated Voltage/Frequency		/	380-415V ,3Ph,50/60Hz			
Cooling Capacity		kW	25	40	50	60
Maximum Operating Current of the Unit FLA		A	37	50.2	54	57.2
Standard Airflow		m³/h	3000	8000	10800	12000
Fan	Type	/	EC/M/1			
	Quantity	unit	6	2	3	
Number of Compressors		unit	1			
Heating Power		kW	3	6	9	
Humidification Capacity		kg/h	1.5	3	4.5	
Connection Pipe	liquid pipe	mm	15.88		19.05	
	Gas pipe	mm	19.05		22	
Dimensions	Width	mm	300	600		
	Depth	mm	1100/1200			
	Height	mm	2000/2200			
Weight		kg	210	250	310	
FLA		A	40	63		
Outdoor Temperature (45°C)(113°F)	Flat Panel Outdoor Unit	mm	DHA-440P	DHA-660P	DHA-880P	DHA-990P
	Centralized Outdoor Unit	mm	DHA-440V	DHA-660V	DHA-880V	DHA-990V

#### Notes :

1. Standard operating conditions: Indoor return air temperature 37°C, relative humidity 24%, air-cooled outdoor ambient temperature 35°C, ESP=10Pa.

2. The unit is available with single cooling/constant temperature and humidity, and the maximum working current and recommended circuit breaker are configured according to the constant temperature and humidity unit.

3. Please consult with Tongfei before installing the connection pipe to confirm whether the pipe diameter and length require additional measures such as pipe extension components.

4. If the required data is not listed in the table, please contact ATF.