

Ultra Thin Ceiling Dehumidifiers



Super Thin Design
to maximize ceiling space



Quiet Operation
adopts low noise centrifugal fan, with the features of a large air flow



Intelligent Humidity Controls
set the humidity and view it on a large display panel



Maintain Easily
maintenance of the ceiling dehumidifier can be carried out on the side of the ceiling dehumidifier



Reliable Water Pump
discharges water upto 1.20* meters



Specifications

Model	OC 20	OC 50	OC 90
Power Supply	220V~50Hz	220V~50Hz	220V~50Hz
Dehumidifying Capacity(30°C RH80%)	20L/Day	50L/Day	90L/Day
Rated Power	350W	842W	1020W
Air Flow (Low Fan Speed)	205m³/h	365m³/h	550m³/h
Air Flow (High Fan Speed)	425m³/h	470m³/h	600m³/h
Noise Level	42dB(A)	45dB(A)	47dB(A)
Timer	1 ~ 24h	1 ~ 24h	1 ~ 24h
Operating Temperature	5°C - 38°C	5°C - 38°C	5°C - 38°C
IP Rating	IP×4	IP×4	IP×4
Refrigerant	R134a	R134a	R134a
Net Weight	28.0 kg	43.0 kg	65.0 kg
Application Area	40~100m²	40~100m²	100~160m²
Product Size(W×D×H)	865 × 351 × 201 mm	1000 × 472 × 240 mm	1096 × 750 × 310 mm
Packing Size(W×D×H)	890 × 380 × 350 mm	1030 × 490 × 400 mm	1,120 × 790 × 485 mm

Features	OC 20	OC 50	OC 90
Automatic restart function	Yes	Yes	Yes
Automatic defrosting function	Yes	Yes	Yes
Timer on / Timer off	Yes	Yes	Yes
Washable air filter	Yes	Yes	Yes
Overheating protection	Yes	Yes	Yes
Temperature and Humidity display	Yes	Yes	Yes
Surface electrostatic spray process	Yes	Yes	Yes



Working Principle

Important Points:

1. The weight bearing capacity of the Ceiling has to be double the weight of the respective Origin Ceiling Dehumidifier.
2. Origin Ceiling Dehumidifiers have to be installed flat at 0 degrees. They should not be tilted while installation.
3. Only after Origin Certified Engineers approve the installation of Origin Ceiling Dehumidifiers to be proper and precise can they start operating.

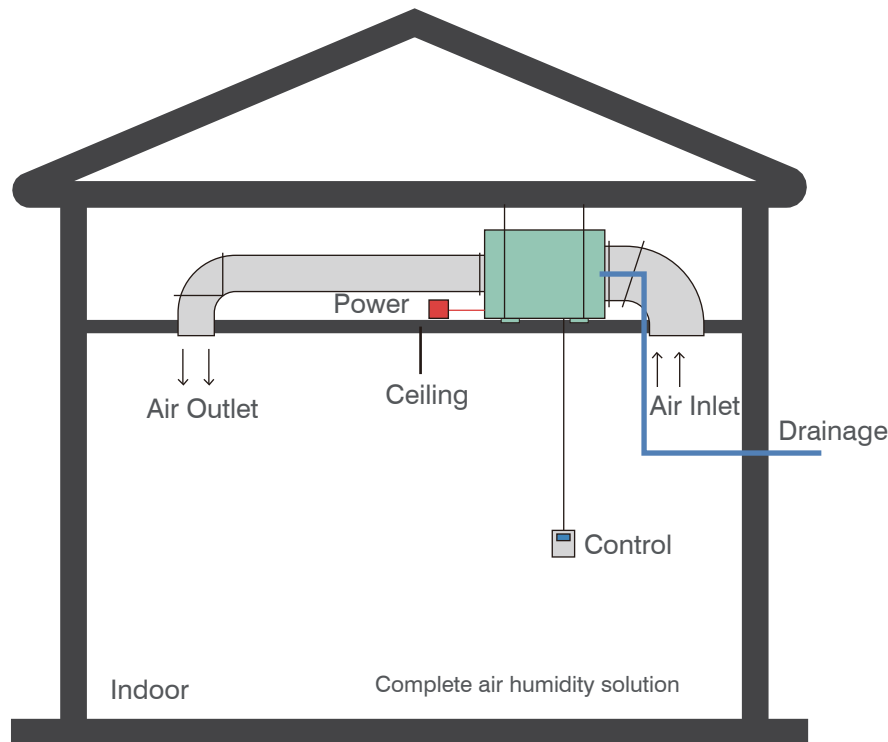
The below are the minimum and maximum lengths of the air ducts:

Model	Minimum Length		Maximum Length	
	Air inlet ducts	Air inlet ducts	Air inlet ducts	Air inlet ducts
OC 20	2ft	2ft	6.56ft	6.56ft
OC 50	2ft	2ft	10ft	10ft
OC 90	2ft	2ft	12ft	12ft

Please refer below the dimension of the Trap Doors for both the Ceiling Dehumidifier

Model	Trap Door Dimensions
OC 20	4.84ft (l) x 4.15ft (b)
OC 50	5.28ft (l) x 4.55ft (b)
OC 90	5.60ft (l) x 5.46ft (b)

2 feet allocated out of the breadth will be for maintenance purposes.



Ceiling Dehumidifier Working Principle