

## Ceiling-type Dehumidifier Model: HCD-series



Round duct connection



Retangular duct connection

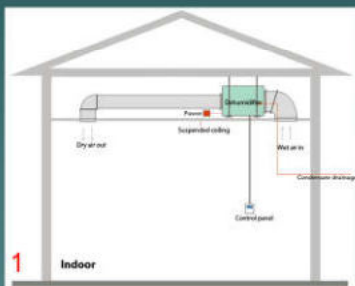
This range of condensing dehumidifiers offers powerful drying performance and the convenience of ceiling mounting. All models in the range incorporate R410A/R407C refrigerant gas and are made from hot-galvanised thick sheet metal with polyurethane powder enamel. The delicate design makes it a slim body, which can be hidden in a special chamber or above false ceiling.

The replaceable and washable filter is easy to be removed and cleaned, which effectively eliminating bad smell and odor. The sterilization keeps the air into a healthy one. It smartly fits into the above ceiling space without the influence of the overall room decoration. The ceiling mounted dehumidifier is also configured with drainage pipe, leading condensed water to the nearest drain outlet.

### Typical Application

Swimming pool, Small-area plant warehouse, villa, basement, meeting room, family, office space, laboratory room, computer room laboratories, hospitals, warehouse storage, schools & institutions, libraries, computer servers etc.

### Typical installation guide



1 Indoor



2

1. Harison HCD series can be installed simple above ceiling by hanging from above.

2. It can also control who house through ducting of so the whole house can be protected without occupying floor space.

3. HCD can be hanged in the middle of large warehouse to control RH more evenly.

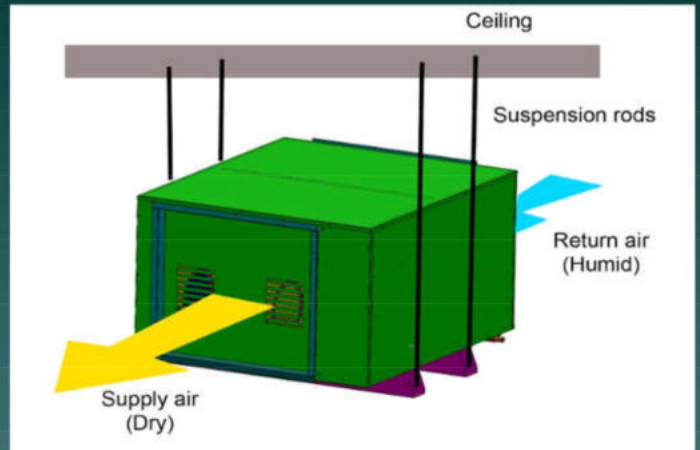
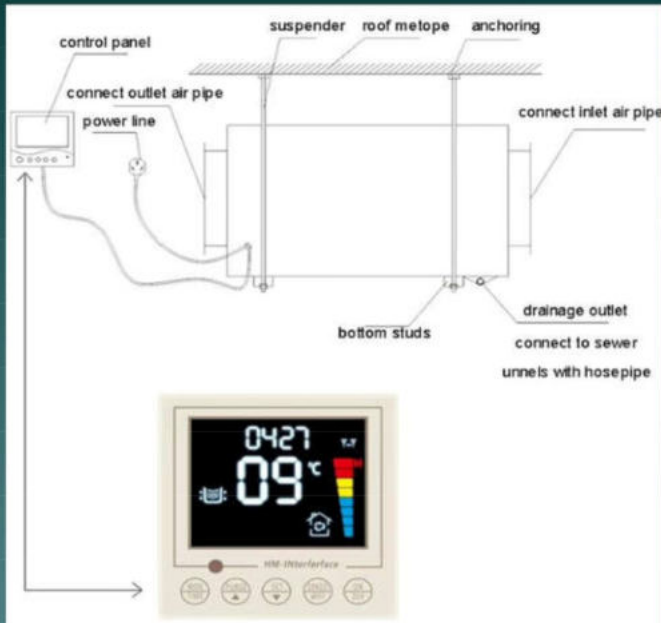


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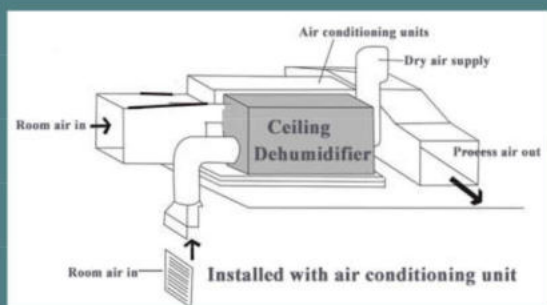
## Ceiling-type Dehumidifier Model: HCD-series

Model	HCD-45B	HCD-90B	HCD-100B	HCD-150B	HCD-192B	HCD-504B
						
Airflow rate (CMH)	550m3/h	1000m3/h	1300m3/h	1500m3/h	2800 m3/h	5600m3/h
ESP	50 ~ 100pa	50 ~ 100pa	50 ~ 100pa	50 ~ 100pa	150 ~ 200pa	150 ~ 200pa
Rated power	850 W	1000W	1200W	1850W	3200 W	8500W
	220V/1P/50Hz	220V/1P/50Hz	220V/1P/50Hz	220V/1P/50Hz	380V/3P/50Hz	380V/3P/50Hz
Dehumidify Capacity(30°C,80%)	45L/day	90L/day	100L/day	150L/day	192/day	504L/day
Control mode	Wiring control with LCD display	Wiring control with LCD display	Wiring control with LCD display	Wiring control with LCD display	Wiring control with LCD display	Wiring control with LCD display
Refrigerant Gas	R410A/R22	R410A	R410A	R410A	R410A / R407C	R410A
Noise	≤45dBA	≤55dBA	≤55dBA	≤55dBA	≤65dBA	≤65dBA
Drainage	Pipe Continuously Drainage	Pipe Continuously Drainage	Pipe Continuously Drainage	Pipe Continuously Drainage	Pipe Continuously Drainage	Pipe Continuously Drainage
Drainage pipe diameter	Φ20mm	Φ20mm	Φ20mm	Φ20mm	Φ20mm	Φ20mm
Return air inlet	Φ150mm	Φ200mm	300*340mm	500*320mm	554*604mm	1004*524mm
Air supply outlet	Φ150mm	Φ200mm	225*190mm	230*210mm	554*604mm	1004*524mm
Anti-electric /waterproof	type I / IPX3	type I / IPX3	type I / IPX3	type I / IPX3	type I / IPX3	type I / IPX3
Unit Size(L*W*H)	840*480*335 (mm)	910*525*400mm	900*640*470mm	845*635*495 (mm)	1100*900*700mm	1100*1280*695mm
Weight	50 kg	50kg	58kg	60 kg	115 kg	235kg

### Installation guide



Extended controller can be installed independently on the wall, and the control line is 6 meters' long as default. But can be extended to 20 meters.



Unit can also installed together with ceiling A/C to provide both temperature and RH control. Dry-air from HCD unit is blown directly into A/C supply duct.

