

DEWOODS

DUCTED DEHUMIDIFIER



Optimizing space utilization is critical to every warehouse manager as space is cost & profit. DEWOODS Ceiling Ducted series Dehumidifiers are designed for installation at ceiling level to optimize space management. The centrifugal fan delivers Dry Air evenly throughout the warehouse while the humidity sensor can be placed inside room or at return air duct. Independent access doors ease maintenance and troubleshooting.



FEATURES

- » Environmental friendly R407C / R410A refrigerant
- » Delayed start-up protection
- » High quality heat exchange for better performance
- » Hydrophilic coated evaporator
- » Stronger with 1.2mm thickness for durability
- » Customized Filter with G4 efficiency
- » Quality certified makes of rotary compressors
- » Reputable manufacturer's electrical components
- » Electrical design conformance to international standard EN60204
- » Smart controls
- » Overload protection

HOW IT WORKS

Humid air in the room is drawn into the dehumidifier by a powerful centrifugal fan. When passing through the evaporator the air is cooled down below dew point and water vapour condensed into water that is drained away. Dry Air is returned back into the room.



TECHNICAL SPECIFICATIONS

Ceiling Ducted Refrigerant Dehumidifiers

Model	MDH-CD-100	MDH-CD-140	MDH-CD-170	MDH-CD-240	MDH-CD-360
Power Supply	240V/ 1pH/ 50Hz			415V/ 3pH/ 50Hz	
Dehumidifying Capacity (30°C RH80%)	90L/D	138L/D	168L/D	240L/D	360L/D
Rated Power	1150W	1300W	2280W	3400W	4900W
Air Volume (CMH)	800	1000	1600	2000	3600
Noise Level	55dB(A)	57dB(A)	63dB(A)	66dB(A)	70dB(A)
Timer	1 ~ 24h	1 ~ 24h	1 ~ 24h	1 ~ 24h	1 ~ 24h
Operating Temperature	5°C ~ 38°C	5°C ~ 38°C	5°C ~ 38°C	5°C ~ 38°C	5°C ~ 38°C
IP Rating	IPx4	IPx4	IPx4	IPx4	IPx4
Refrigerant Type	R410A	R410A	R410A	R410A	R410A
Net Weight	63.0 kg	70.0 kg	110.0 kg	140.0 kg	235.0 kg
Dimension (W×D×H)	1,050 x 620 x 465 mm	1,050 x 620 x 465 mm	1,085 x 820 x 600 mm	1,085 x 820 x 600 mm	1,300 x 1,188 x 600 mm
Automatic restart	Yes	Yes	Yes	Yes	Yes
Automatic defrost	Yes	Yes	Yes	Yes	Yes
Timer on / Timer off	Yes	Yes	Yes	Yes	Yes
Washable air filter	Yes	Yes	Yes	Yes	Yes
Overheating protection	Yes	Yes	Yes	Yes	Yes
Temperature and Humidity display	Yes	Yes	Yes	Yes	Yes
Air Inlet Flange (mm)	150 mm diam. X 2	150 mm diam. X 2	630 mm x 505 mm	630 mm x 505 mm	1080 mm x 490 mm
Air Outlet Flange (mm)	150 mm	150 mm	610 mm x 310 mm	610 mm x 310 mm	1155 mm x 290 mm



Site Installation