

## DUCTED DEHUMIDIFIER



Optimizing space utilization is critical to every warehouse manager as space is cost & profit. Devood's 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 exchanger 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 manufacturers' 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 drained away. Dry air is returned back into the room.

## TECHNICAL SPECIFICATIONS

MODEL	MDH-CD-100	MDH-CD-140	MDH-CD-170	MDH-CD-240	MDH-CD-360
Moisture Removal Capacity (30°C,80%RH) (L/Day)	90L/Day	138L/Day	168L/Day	240L/Day	360L/Day
Operating Temperature	5°C - 35°C	5°C - 35°C	5°C - 35°C	5°C - 35°C	5°C - 35°C
Power Supply	220-240v/1Ph/50Hz		380-400v/3ph/50Hz		
Rated Power (W)	1050	1620	2530	2550	4600
Rated Current (A)	5.0	7.6	5.6	5.5	10.2
Refrigerant	R410A	R410A	R410A	R410A	R410A
Pressure (PA)	150	150	150	150	150
Filtering Level	G4	G4	G4	G4	G4
Humidity Setting (RH%)	30~95	30~95	30~95	30~95	30~95
IP Rating	IPx4	IPx4	IPx4	IPx4	IPx4
Drainage Mode	Continuous drainage pipe can be connected externally				
Compressor Protection	High and Low Pressure Protection/Compressor Three Minutes Delay Start Protection				
Air Inlet Flange (mm)	150ø x 2	150ø x 2	630 x 505	630 x 505	1220 x 550
Air Outlet Flange (mm)	150 ø	150 ø	610 x 310	610 x 310	1220 x 550
Air Outlet Mode	Front: Air Inlet, Back: Air Outlet				
Unit Dimension (W x D x H) mm	959 x 693 x 400	1005 x 695 x 440	1135 x 900 x 490	1085 x 820 x 605	1270 x 1200 x 605
Net Weight (Kg)	70	70	120	140	210

