HARISON®

Industrial Dehumidifier

HD-45BE HD-60B HD-100BM HD-150B

Harison small and middle dehumifiers consist of four standard models HD-45BE, HD-60B, HD-100BM, HD-150B and they are widely used in broad range of applications in: Food and Pharmaceutical process, Presice manufacturing, Warehouses, Museums and archives, Communication centers, Mild temperature drying room...

MAIN COMPONENTS

Hydrophilic Evaporator
40% more efficient
Faster dehumidification

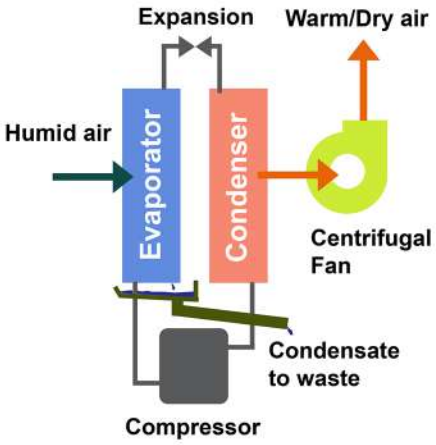
High-efficiency compressor
complete with internal cut-outs
and high/low pressure protection

High-pressuse centrifugal fan
esure high blowing air pressure
to ensure stable operation

Washable nylon filter
Re-usable Economical

Humidity controller
Automatic operation - Energy saving

Durability



WORKING PRINCIPLE

Centrifugal fan draws humid air through evaporator (cooling coils) where it is cooled down below its dewpoint, water vapor is thus condensed into water and drained away. Cooled air with less water vapor passes through condenser (hot coils) where it is reheated. Warm and dry air is finally blown back to controlled space to continue dehumidication operation.

To ensure smooth operation and long service life, actuall construction is equipped with additional basic components: Filter installed in front of evaporator to clean air and protect evaporator coil from clogging; Defrost circuit to defrost coil under low temperature condition; Humidistat to control dehumidifier automatically.

Limited
2 YEAR
Warranty

About Harison

Harison industrial dehumidifiers are products of Naav Solutions Inc (Canada), the world leading company in air-treatment equipment with head office located in the beautiful city of Vancouver, British Columbia, Canada. The products are designed and built to dehumidify efficiently in various working environments and well-known for their high quality and durability.

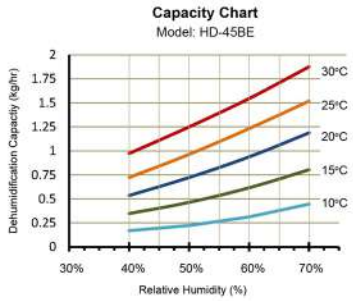
Why dehumidication?

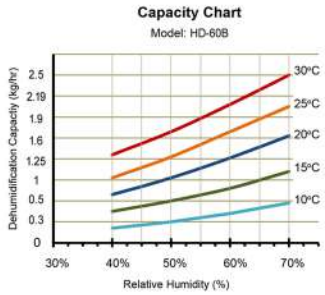
High relative humidity is the main causes of many common problems: Corrosion, Product deterioration, Condensation, Damp, Mould and mildew, Moisture regain, Prolonged drying, Manufacturing delays, discomfort..

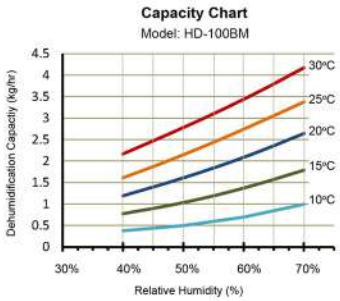
How to select correct size dehumidifier

Firstly, the moisture load (latent load) of the project must be estimated.
Secondly, designer can use dehumification capacity chart provided on the right hand size to select suitable model according to room RH% and temperature.
Alternatively, we also offer free computer-aided selection service directly or through our officially trained representative in your area. Please contact your local distributor for assistance.

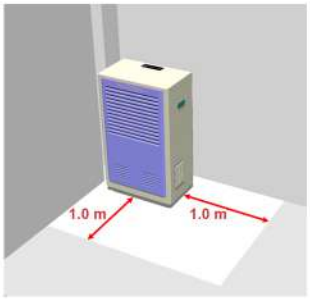
Dehumidification Capacity Chart

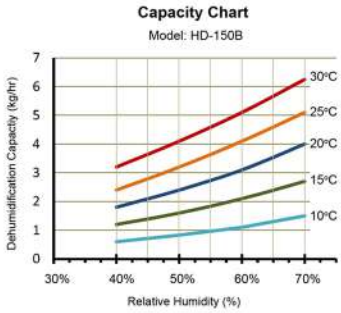






Installation guide





SPECIFICATION		Unit	Model			
			HD-45BE	HD-60B	HD-100BM	HD-150B
Dehumidification Capacity (@30°C,70%)		Kg/D	45 *	60	100	150
Airflow rate		CMH	285	600	850	1500
Noise		dB(A)	< 46	< 56	< 57	< 57
Refrigerant			R410A	R410A	R410A	R410A
Operating temperature ranger		°C	5 ~ 35	5 ~ 40		
Power sourse			220V/1Ph/50Hz			
Norminal power consumption		kW	0.7	0.82	1.65	1.6
Dimension	*Width*	mm	400	536	586	600
	Depth	mm	310	534	436	365
	Height	mm	540	945	1110	973
Weight		kg	23	47	64	60

* (@30°C,80%)

Subject to change without prior notice

Naav Solutions Inc (Canada)
8/2025