

HARISON®

Industrial Dehumidifier



HD-192B



HD-360B



HD-504B



HD-720B

Harison floor-standing packaged dehumidifiers consist of four standard models HD-192B, HD-360B, HD-504B, HD-720B 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



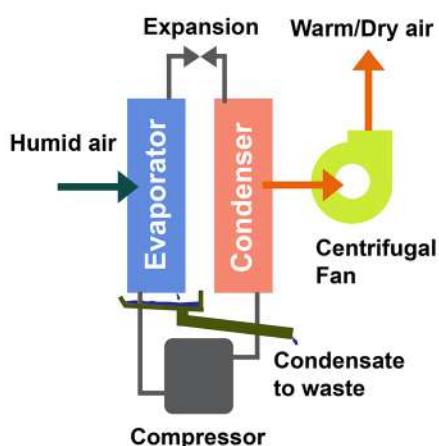
Washable nylon filter
Re-usable Economical



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, actual 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.





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 dehumidification?

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..

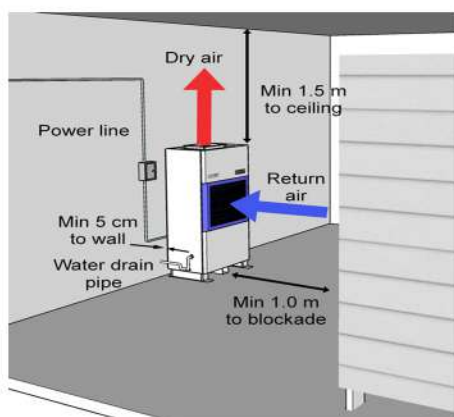
How to select correct size dehumidifier

Firstly, the moisture load (latent load) of the project must be estimated.

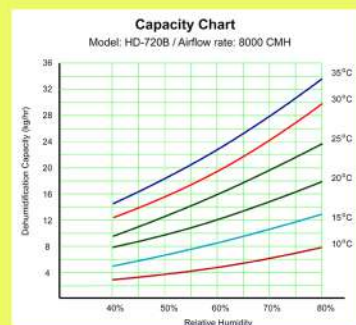
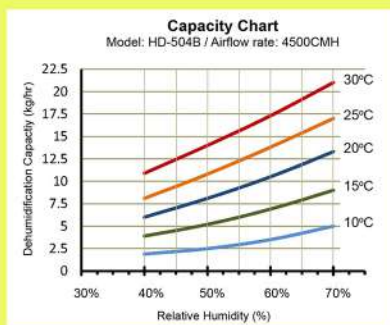
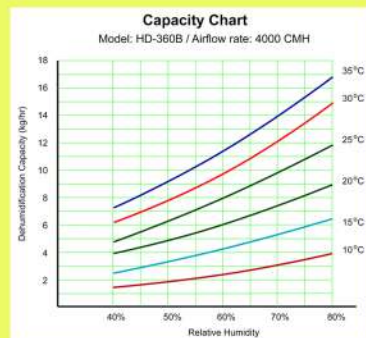
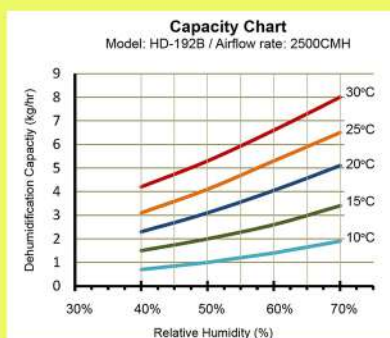
Secondly, designer can use dehumidification capacity chart provided on the right hand size to select suitable model according to room RH% and temperature.

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.

Installation guide



Dehumidification Capacity Chart



SPECIFICATION		Unit	Model			
			HD-192B	HD-360B	HD-504B	HD-720B
Dehumidification Capacity (@30°C, 70%)		Kg/D	192	360*	504	720*
Airflow rate		CMH	2500	4000	4500	8000
External static pressure		Pa	80	80	100	150
Refrigerant			R410A	R410A	R410A	R407C
Operating temperature ranger		°C	5 ~ 40			
Power source			380V/3Ph/50Hz			
Norminal power consumption		kW	4.12	6.0	8.5	13.0
Dimension	Width	mm	776	1225	1225	1425
	Depth	mm	472	460	510	610
	Height	mm	1642	1740	1731	1930
Weight		kg	150	230	235	380

* (@30°C, 80%)