

HARISON®

Industrial Dehumidifier



HD-192B

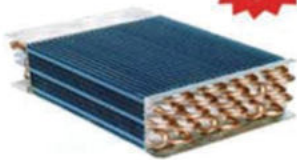
HD-504B

HD-192PS

HD-504PS

Harison floor-standing packaged dehumidifiers consist of two standard models HD-192B, HD-504B and two specialized models HD-192PS, HD-504PS 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



E-Coating Hydrophilic Evaporator
40% more efficient
Faster dehumidification



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



Humidity controller
Automatic operation - Energy saving

FILTER

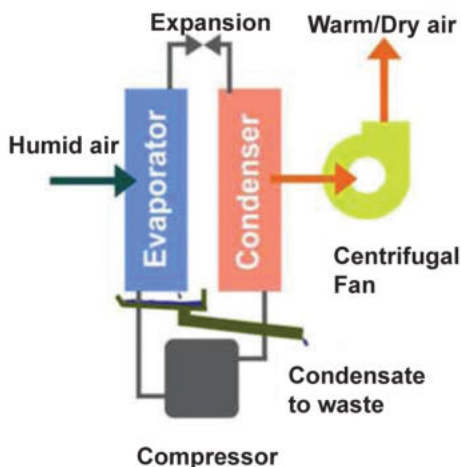
Washable nylon filter
Re-usable Economical

RIGID METAL CASING

Durability



Extended air duct
Stronger Air circulation



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.

Limited
1 YEAR
Warranty



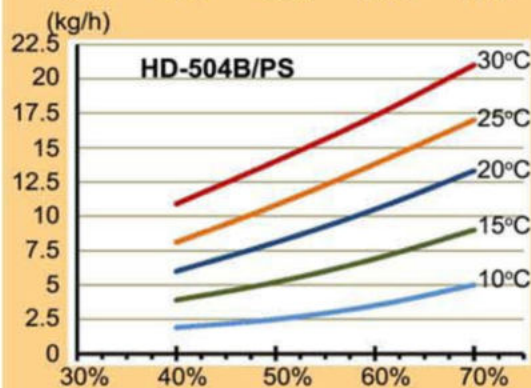
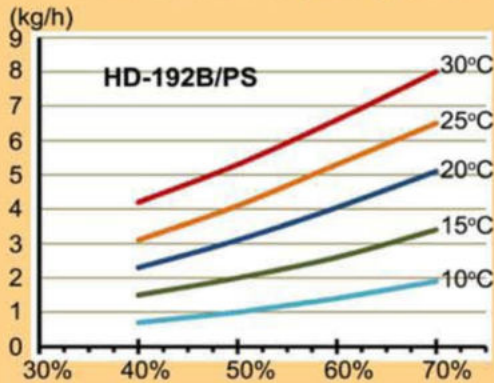
About Harison

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.

For more information please visit: www.naavsolutions.com

When PS models should be used ? They must be used when: 1) Room temperature can rise to as high as 42°C; 2) Main purpose is to prevent products from mold/fungi damages and/or (with UV lamp - option); 3) Room with large width.

Dehumidification Capacity Chart

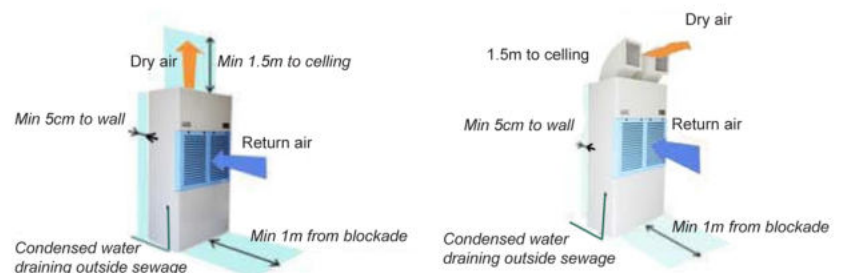


How to select correct size dehumidifier

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



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..

SPECIFICATION

		HD-192B	HD-504B	HD-192PS	HD-504PS
Operating temperature range	°C	5 ~ 40		5 ~ 42	
Dehumidification Capacity @ 30°C,70%	kg/h	8	21	8	21
Airflow rate	CMH	2500	4500	2500	4500
Noise	dBA	59	65	59	65
Refrigerant					
Refrigerant charge	kg	1.9	3.2	1.9	3.2
Max suction pressure	MPa	0.75	0.75	0.75	0.75
Max discharge pressure	Mpa	1.95	1.95	1.95	1.95
Power source	V/Ph/Hz	380V/3Ph/50Hz			
Nominal power consumption	kW	4.12	8.5	4.53	9.35
Dimensions					
Width	mm	776	1225	776	1225
Depth	mm	471	520	471	520
Height	mm	1629	1761	2149	2281
Weight	kg	150	235	160	252



Subject to change without prior notice

Naav Solutions Inc (Canada)
www.naavsolutions.com
 Made in Thailand