



The evaporator and condensing coil are coated with corrosion protection (Hot Dip)



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

MAIN COMPONENTS



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



Temperature-Humidity Removable controller can connect 6m away from the machine



PTC heaters safe, powerful and energy-efficient



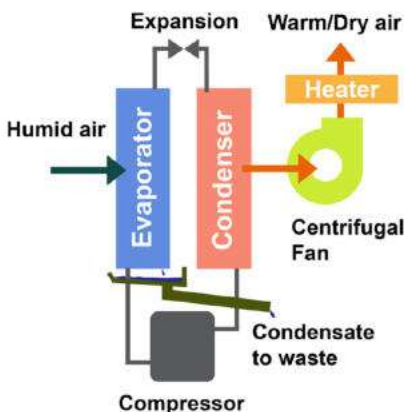
Durability

FILTER

Washable nylon filter Re-usable Economical

Moisture sensor ensures stability and accuracy in high temperature conditions

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) and heater where it is reheated. Warm and dry air is finally blown back to controlled space to continue dehumidification 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
2 YEAR
Warranty

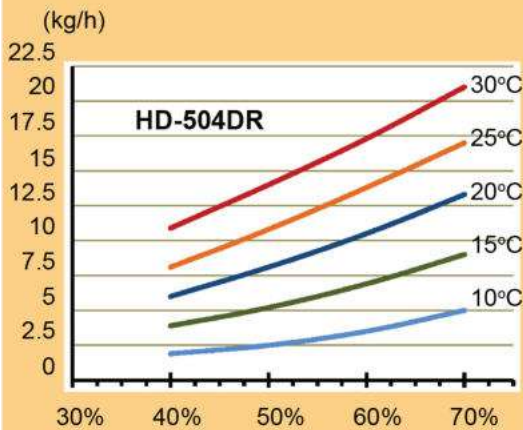
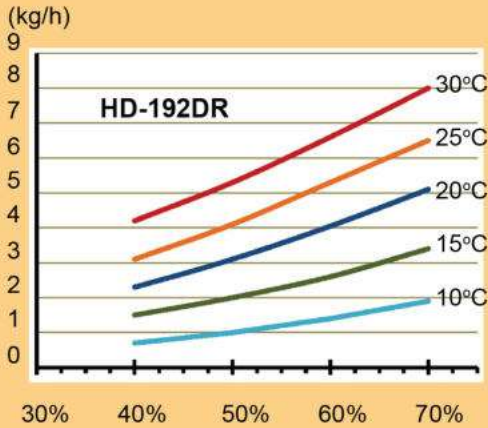


ABOUT HARISON

Harison industrial dehumidifiers are products of Naav Solutions Inc. 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.

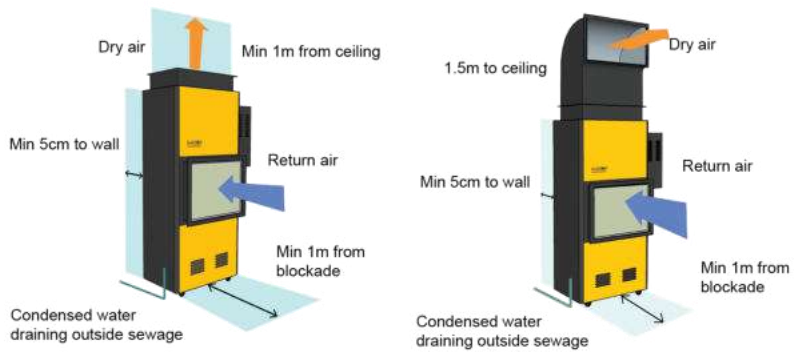
For more information please visit: www.naavsolutions.com

Dehumidification Capacity Chart



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... Harison dehumidifier are used to control relative humidity to eliminate these problems.



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 mode 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.

SPECIFICATION	Unit	Model					
		HD-150DR	HD-192DR	HD-360DR	HD-504DR	HD-720DR	
Dehumidification Capacity	Kg/D	150	210	360	480	720	
Airflow rate	CMH	1200	2500	5000	5600	8400	
External static pressure	Pa	50	350	350	300	280	
Refrigerant		R22					
Operating temperature ranger	°C	5 ~ 55					
Power source		220V/1Ph/50Hz		380V/3Ph/50Hz			
Normal power consumption	kW	1.65	4.2	6.2	10.0	15.0	
Heating power capacity	kW	2.0	6.0	8.0	12.0	16.0	
Dimension	Width	mm	650	967	1388	1388	1600
	Depth	mm	430	583	626	626	700
	Height	mm	1050	1845	1898	1898	1950
Weight	kg	75	110	300	346	420	



*) Capacity rated at 30°C/80%
Subject to change without prior notice

Naav Solutions Inc (Canada)
www.naavsolutions.com
Made in Thailand - 2023 v