HARISON®

Special Drying Dehumidifier

Wide temperature range 5 ~ 55 ℃

HD-192DR

HD-504DR

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

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

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

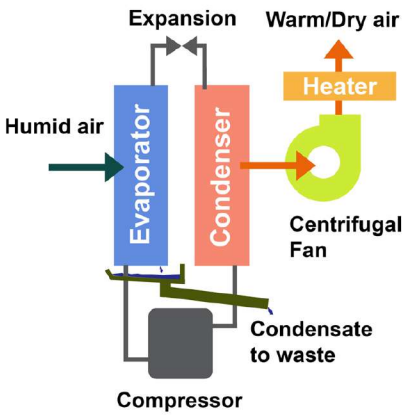
Moisture sensor
ensures stability and accuracy in high temperature conditions

RIGID METAL CASING

Durability

FILTER

Washable nylon filter
Re-usable Economical



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 dehumidication operation.

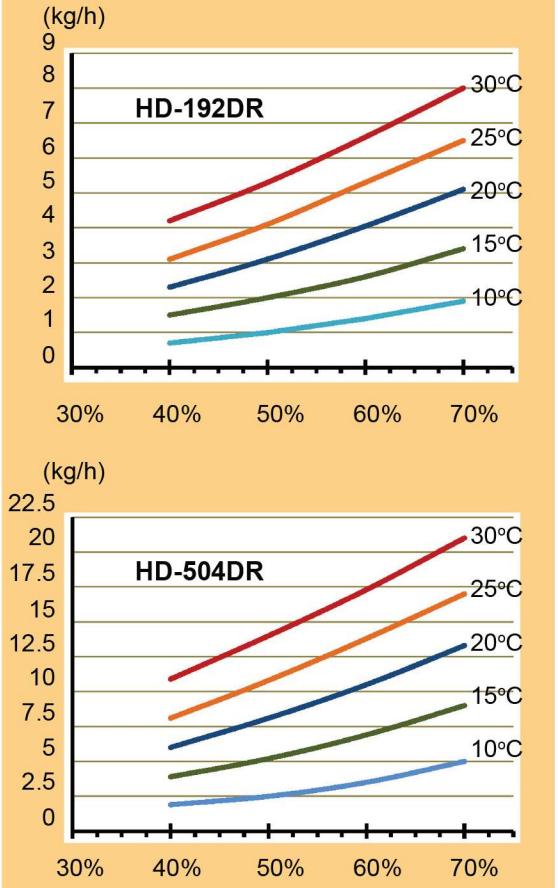
To ensure smooth operation and long service life, actuall construction is requipped with additional basic components: Filter installed in front of evaporator to clean air and protect evaporator coil from clogging: Defrost circuit to defrost coil under low temperature condition; Humidistat to control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

Limited 2 YEAR Warranty

ABOUT HARISON

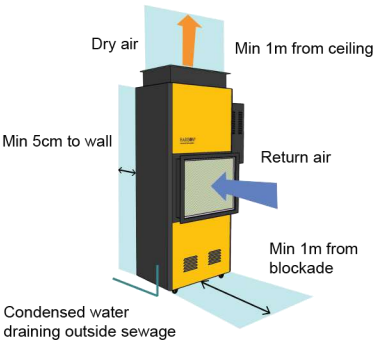
Harison industrial dehumidifiers a re products of Naav Solutions Inc. with head office located in the beautiful city of Vancouver, British Columbia, Canada. The products are designed and built to dehumidify efficiently in various working environments and well-known for their high quality and durability.

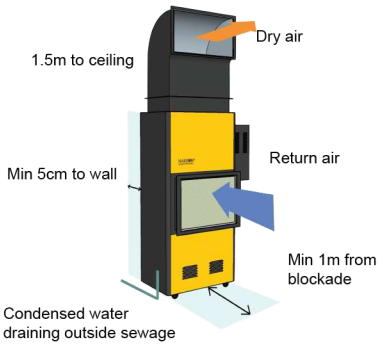
Dehumidification Capacity Chart



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 dehumification 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 *(@30°C,70%)*		Kg/D	150	192	360	504	720
Airflow rate		CMH	1500	2500	4000	4500	8000
External static pressure		Pa	50	350	350	300	280
Refrigerant			R22				
Operating temperature ranger		°C	5 ~ 55				
Power sourse			220V/1Ph/50Hz	380V/3Ph/50Hz			
Norminal power consumption		kW	1.8	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	717	967	1388	1388	1600
	Depth	mm	583	583	626	626	700
	Height	mm	1596	1845	1898	1898	1950
Weight		kg	70	110	200	260	320

CE

Subject to change without prior notice

Naav Solutions Inc (Canada)
8/2025