



**azarnasim**  
AIR CONDITIONING COMPANY

# POOL DEHUMIDIFIER



## Introduction

---

Azar Nasim pool dehumidifier in short AN DH is a particularly compact solution for air dehumidification in variety of indoor pools. This device with unique design supplies the conditioned air by absorbing the air humidity without decreasing the inlet air temperature. The mentioned design is according to modern technology and it is for the first time in Iran. Using this device would preserve structure and facilities of pool. This device can be installed on the floor or ceiling according to the capacity and design conditions. Ceiling mounted type is ideal for mounting below the ceiling or in a suspended ceiling. This type of mounting is particularly suitable if there is no mechanical room or the existing mechanical room is too small to install a floor mounted unit.

Ventilation ducts must be installed for the in-feed of the dehumidified air intake as well as the extraction of the moist exhaust air to/from the pool area. This work must be provided by the customer. The AN DH pool dehumidifiers are available in five different sizes and a maximum dehumidifying capacity of 64.8 to 283 l/day. The Humidify of the pool space can be controlled using a hygrometer.

## Key features

---

- Low sound level
- Low energy consumption
- Evaporator and condenser coils are anti-corrosion coated
- Metal parts are powder coated before assembly
- Integrated control of heating and humidity (ON/OFF)

For more information contact the sales department of the company.

## Technical Data

Model		AN DH-100	AN DH-200	AN DH 300
Dehumidification capacity at 30°C – 80%	Lit/24h	108	180	283
Dehumidification capacity at 30°C – 60%	Lit/24h	66	123.8	172
Dehumidification capacity at 28°C – 60%	Lit/24h	64.8	103.2	168
Air Flow Rate	CFM	600	1000	1500
External Static Pressure Drop	In.W.G	0.2 - 0.6		
Electrical Data	Power Supply	V/Ph/Hz	220/1~/50	
	Power Consumption	kW	1.97	4.5
	Current	A	10.52	15.41
Humidity/Temp. Operating Range	% RH	50–99% RH / 20–36°C		
Noise Level	dB	47	50	53
Refrigerant	Type	R22		
Dimensions (H x W x D)	mm	360×710×700	460×900×980	560×1050×1160
Weight	kg	80	122	140
<b>Note:</b> -Rated electrical data measured at 30°C – 80%Rh.				