

Atecpool Air Dehumidification

Atecpool Air Pool Dehumidification



Automatic Temperature Detection

Exclusive Design

Ultra-thin Casing

Epoxy Fin Air Exchanger

Super Silent Operation
44-47 dB

High Efficiency

Wall Mounted Dehumidifiers for indoor pool installation

Through absorbing clammy air and transferring it to warm and dry air, Atecpool Air Dehumidifier can easily tackle problem that cause condensation and furniture corrosion. Atecpool Air Dehumidifier for indoor pool installation. Wall mounted models for humidity controls in indoor swimming pools. Extremely silent operation (44-47 dB(A)) and high energy saving with R410A compressors and a built-in electronic thermostat.

1

Epoxy Fin Air Exchanger

Air Dehumidifier adopt epoxy fin air exchanger which is featured with great anti-corrosion performance, ensuring the units longer life.

2

Super Silent Operation

Heat Pump Dehumidifiers utilise DC fan motors to circulate air, allowing the units to work silently.

3

Ultra-Thin Casing

With a compact inner structure our Air Dehumidifiers feature an ultra-thin casing 200mm thick, requiring less space in the pool house.

4

High Working Efficiency

The dehumidification volume reaches as much as 3.0 L/h at 30°C ambient temperature and 80% relative humidity.

5

Exclusive Design

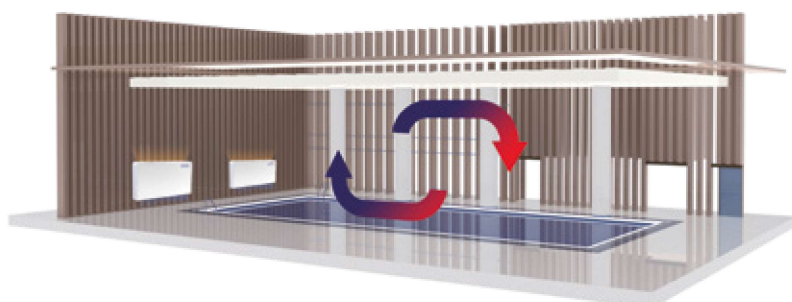
Atecpool Air Dehumidifier provides two exclusive designs. Users can choose the white glass panel or black glass panel casing according to your preference.

6

Automatic Temperature Detection

The unit is equipped with a sensor that detects the ambient temperature. If the ambient temperature exceeds 30°C, the unit will automatically shut down to protect the equipment.

Atecpool Air Dehumidifier



Ultra-Thin Casing & Wall Mounted Installation

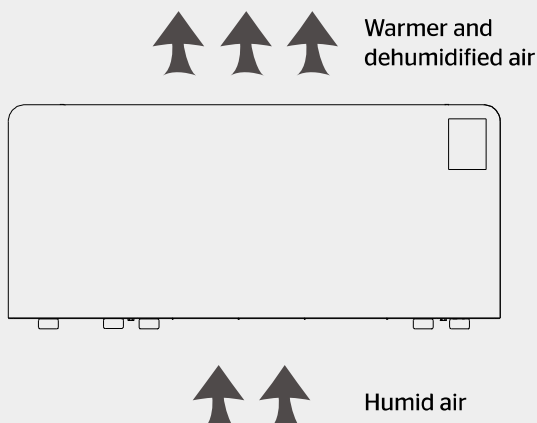
Atecpool Air

Dehumidifier Specifications

Model	Unit	ATEC22	ATEC35	ATEC45
Rated Capacity	L/h	2.2	3.5	4.5
Dehumidification capacity per day	L	53	84	108
Max pool area	m ²	42	60	83
Air Volume	m ³ /h	450	600	750
Noise Level	dB(A)	44	46	47
Rated Voltage / Frequency	/	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz
Rated Power Input*	kW	0.9	1.1	1.95
Rated Running Current*	A	4.0	5.0	8.8
Max Power Input	kW	1	1.3	2.3
Max Running Current	A	4.3	5.85	10
Relative Humidity	%RH	40~100	40~100	40~100
Running Ambient Temperature	°C	10~30	10~30	10~30
Dimensions (LxWxH)	mm	1295x202x647	1495x202x647	1695x202x647
Refrigerant	/	R410A / R32	R410A / R32	R410A / R32
Condensation Pipe Diameter	mm	16	16	16
Testing Condition : 30°C Ambient Temperature, 80% Relative Humidity				

Working principle

The unit works by drawing moist air over a refrigerated coil with a small fan. The cold coil of the refrigeration device condenses the water, which is removed, then the air is reheated by the hot coil. This process works most effectively with higher ambient temperatures with a high dew point temperature.



Dimensions

Code	ATEC22	ATEC35	ATEC45
	(mm)	(mm)	(mm)
Length	1295	1495	1695

