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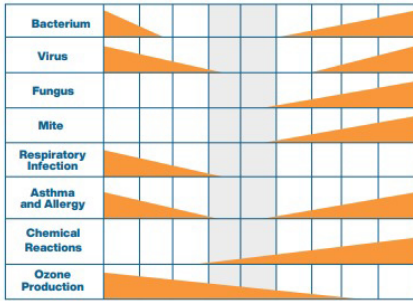
HOUSEHOLD DEHUMIDIFICATION Product Group



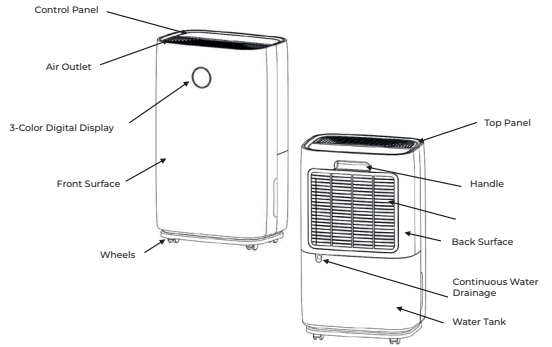
What is Humidity?

Air is primarily composed of nitrogen, oxygen, carbon dioxide and water vapor. At standard room temperatures, the amount of water vapor in the air is only a few grams per cubic meter. Under International Standard Atmosphere (ISA) conditions, which are defined as sea level, a temperature of +15°C and 1 bar pressure, the air weighs approximately 1.226 kg per cubic meter.

Optimum Humidity Value for Ideal Comfort and Indoor Air



Optimum Relative Humidity %45 - %55



What is Relative Humidity?

The relative humidity of an environment is the ratio between the actual water vapor present in the air and the amount of water vapor in saturated air at the same temperature. This ratio is expressed as a percentage. For example, if saturated air at 25°C and 1 m³ contains 24 grams of water, air with 50% relative humidity would contain 12 grams of water vapor.



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THD SERIES HOUSEHOLD

Dehumidifiers

With its advanced technology, the Technowell Household Dehumidifier adopts the cooling principle for dehumidification. It features an external rotor fan, high energy efficiency, large air circulation and an international brand compressor. The device offers an excellent structure, strong dehumidification capability, automatic control and comfortable operation. The dehumidification capacity can be adjusted according to the customer's requirements.



THD-10



**THD-20
THD-25**

Technical Specifications	THD-10	THD-20	THD-25
Dehumidification Capacity (30°C, %60 RH)	10 kg/day	20 kg/day	25 kg/day
Dehumidification Capacity (27°C, %60 RH)	6 kg/day	12 kg/day	12.5 kg/day
Recommended Max. Room Area	15 m ²	45 m ²	50 m ²
Humidity Control Range	%40 - %80	%40 - %80	%40 - %80
Rated Power	0,19 kW	0,33 kW	0,39 kW
Operation Current	1,2 A	2 A	2 A
Power Supply	220V - 50Hz	220V - 50Hz	220V - 50Hz
Refrigerant	R290	R290	R290
Refrigerant Amount	45 gr	55 gr	70 gr
Operating Temperature Range	5°C - 35°C	5°C - 35°C	5°C - 35°C
Sound Level	≤38 dB(A)	≤45 dB(A)	≤45 dB(A)
Air Flow	120 m ³ /h	280 m ³ /h	725 m ³ /h
WiFi	√	√	√
LED Control Panel	√	√	√
Fan Speed Control	√	√	√
Automatic Defrost	√	√	√
Ionizer	√	√	√
Timer	√	√	√
Automatic Delay Relay	√	√	√
Control Type	Electronic	Electronic	Electronic
Drain Pipe	Water Tank / Drain Pipe	Water Tank / Drain Pipe	Water Tank / Drain Pipe
Compressor Type	Rotary Piston Compressor	Rotary Piston Compressor	Rotary Piston Compressor
Water Tank Volume	2 liter	4 liter	4 liter
Net Weight	10 kg	14,5 kg	14,5 kg
Device Dimensions	280×170×485 mm	373×266×612 mm	436×290×720 mm
Packet Dimensions	338×228×528 mm	410×310×670 mm	488×342×773 mm

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