

# How to select capacity of dehumidifier for home, office, warehouse, chiller room etc.?



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**Dehumidification capacity is calculated based on following parameters:**

- **Present humidity**
- **Present temperature**
- **Room size**
- **Humidity to be achieved**



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**After collecting the above parameters,  
please go to our online calculator at  
the following link:**

**<http://www.vackergroup.ae/our-products/dehumidifiers/dehumidifier-capacity-calculation/>**

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# This is the screen shot of the online calculator

## Dehumidifier Capacity Calculation

Present temperature T (°C)	<input type="text"/>				
Present Humidity (% RH)	<input type="text"/>				
Desired Humidity (% RH)	<input type="text"/>				
Room Length (m)	<input type="text"/>	Breadth (m)	<input type="text"/>	Height (m)	<input type="text"/>
				OR Room Volume (m <sup>3</sup> )	<input type="text"/>
					<a href="#">Click here for Dehumidifier Result</a>

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**The first parameter is the present Temperature.  
You may give the maximum temperature of the room  
in Degree Centigrade.**

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**The second parameter is the present Humidity.  
You may give the maximum recorded Humidity of the  
room in % RH.**

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**If you do not know present temperature and humidity, you may use a hygrometer to measure the same.**

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**The third parameter is the required Humidity.  
You may give the humidity value that you want to  
achieve in % RH.**

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**As a last input you may give the size of the room separately as Length, Width & Height in meters.  
Alternatively you may give the volume in cubic meters.**

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**Now click the calculate button to give the final result.  
You will receive the result in liter per day.**

**Eg. If the result is 100 liter per day, this means that  
100 liter of water needs to be removed from the air  
inside the room per day to achieve the desired  
humidity levels.**

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**Hence you will have to select a dehumidifier with capacity of 100 liter per day.**

**You may note that the performance of the dehumidifier varies with the room temperature**

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