

Δ/minute

Min Max

0.2 Air in your grow area should be exchanged at least every 5 minutes.

<https://hydrobuilder.com/learn/grow-room-atmosphere-ventilation/>

#~:text=Air%20in%20your%20grow%20area,feet%20per%20minute%20(CFM).

0.2 For growing crops, it should be a minimum of once every 5 minutes...

<https://www.hydrotekhydroponics.com/cfm-calculator>

0.33 1 All the air in your grow tent should be replaced every 1-3 minutes for the best results so ideally, you should replace the air every minute unless you live in a place where the conditions are not too harsh...

<https://2fast4buds.com/news/the-importance-of-air-circulation-in-indoor-cannabis-grow>

1 For optimal growing conditions, changing the entire airflow circulation of the growing area at least once every minute is recommended.

<https://sensiseeds.com/en/blog/grow-tent-ventilation-how-to-calculate-your-needs/>

0.33 3 A grow room of e.g. 8m³ would need a fan that could extract at least 8m³ per minute and possibly 2-3 times that if you grow in summer or a warm grow room.

<https://dutch-passion.blog/cannabis-grow-room-ventilation-guide/>

1 Ideally, you'll want the air in your grow space to be completely renewed every minute.

<https://www.cannaconnection.com/blog/19407-cannabis-grow-room-ventilation-full-guide>

1 This will ensure your fan completely replaces the air in your grow space every minute.

<https://www.royalqueenseeds.com/us/blog-ventilation-guide-for-your-marijuana-grow-op-n738>

1 Since a grow space's volume is also the required CFM to ventilate it every minute...

<https://acinfinity.com/pages/grower-setup/grow-tent-ventilation.html>

Total minimum air exchange required = 16

<https://cannabistraininguniversity.com/required-air-exchange/>

- 1 the exact air flow you need to change the air every minute.
<https://www.globalairsupplies.co.uk/how-to-calculate-a-ventilation-system/>
- 0.33 1 fresh air should be circulated into your grow space every 1–3 minutes.
<https://www.zambeza.com/blog-the-importance-of-airflow-when-growing-cannabis-n199>
- 0.33 The rule of thumb here is that you need an exhaust fan that can exchange the air in your grow tent/room at least once in every three minutes.
<https://thehippiehouse.com.au/blogs/news/calculating-your-grow-room-fan-size>

Dimensions

Width	4
Dept	2
Height	<u>8</u>
Cubic feet	64

Fan throughput 165

Fan setting	CFM	Δ /Min	CFM	Fan setting
1	17	0.10	6	1
2	33	0.20	13	1
3	50	0.33	21	2
4	66	0.40	26	2
5	83	0.50	32	2
6	99	0.66	42	3
7	116	0.70	45	3
8	132	0.80	51	4
9	149	0.90	58	4
10	165	1.00	64	4