

# Dehumidifiers Selected from what we like best.

Whether you're a hobbyist nurturing plants in a tent or a commercial cultivator overseeing a facility teeming with hundreds of plants, it's imperative to invest in a dehumidification system that not only endures the trials of time but also safeguards your precious crops.

## Do All Grow Rooms Need A Dehumidifier?


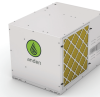





Grow rooms grappling with excess humidity require the intervention of a dehumidifier, playing a crucial role in averting issues like powdery mildew, bud rot, and various fungal conditions that pose a threat to your harvest. For smaller grow spaces housing just a few plants, a dehumidifier might not be necessary. High humidity levels can typically be managed effectively with an exhaust system designed to expel hot and moisture-laden air. Conversely, larger grow rooms with an abundance of plants are prone to significant moisture levels. The moisture introduced to your plants through watering or feeding cycles will eventually be released back into the environment. Failing to extract this moisture from the grow room's atmosphere can lead to a highly humid environment, fostering potential issues.

## Moisture Removing Capabilities (Pints Per Day)

Dehumidifiers are categorized based on their daily water removal capacity, measured in pints per day (PPD). This parameter, known as PPD, stands as a key factor in determining the most suitable dehumidifier for your needs.

## Moisture Removing Capabilities (Pints Per Day)

Every dehumidifier is designed to extract moisture; that's their primary function. However, what distinguishes the top-notch grow room dehumidifiers from others is their efficiency in moisture removal. This efficiency is quantified by the rating of pints removed per kilowatt-hour (Pints/KWH).

Brand	Product	Supply Voltage	Capacity / Day	CFM	Efficiency	Current Draw
anden	 <p><b>A210V1</b> This industrial grow room dehumidifier removes up to 210 pints of moisture per day, and circulates air within your cultivation space to create a healthy, grow-optimized environment. Setup is simple, and humidity is constantly controlled to help prevent crop disease and pests.</p>	208 - 240VAC 60Hz	210 Pints	525	6.1 Pints / kWh	7.1 Amps @240V
	 <p><b>A320V1   A320V3</b> This industrial unit removes up to 320 pints of moisture per day, and powerfully circulates air within your cultivation space to create a healthy, grow-optimized environment. And it really moves some air--up to 830 cubic feet per minute for maximum moisture removal.</p>	(V1) 208 - 240VAC 60Hz ----- (V3) 277VAC 60Hz	320 Pints ----- 340 Pints	830	6.0 Pints / kWh ----- 5.3 Pints / kWh	11.1 Amps @240V ----- 9.2 Amps @277V
	 <p><b>A710V1   A710V3</b> Utilizes innovative Variable-Speed, Low Grain Refrigerant Technology to deliver maximum performance and efficiency throughout the grow cycle. That means you can maximize your moisture removal capacity and maintain tight control during late flower cultivation by modulating the refrigeration system to match the load.</p>	(V1) 208 - 240VAC 60Hz ----- (V3) 277VAC 60Hz	710 Pints	1760	6.35 Pints / kWh	19.6 Amps @240V ----- 17.4 Amps @277V
QUEST	 <p><b>Next Gen 225</b> This dehumidifier boasts Quest's energy-efficient M-CoRR Technology, a compact size, digital controls with a terminal block for optional external controls, and the Quest-signature integrated lift and hang points. Quest 225 also features a flexible voltage range for more installation options.</p>	208 - 230V 60Hz	225 Pints	650	8.2 Pints / kWh	5.3 Amps @230V
	 <p><b>335</b> Quest 335 offer the same quality and features as our original Quest 335 208/230V units, but instead offer 277V voltages for use in industrial facilities. This unit is a great fit for grow rooms, many of which traditionally have 277V outlets already installed for lighting. These units use less amperage, freeing up electricity for other equipment in the grow room.</p>	208 - 230V ----- 277V	350 Pints	900	9.3 Pints / kWh ----- 8.5 Pints / kWh	6.9 Amps @230V ----- 6.8 Amps @277V
	 <p><b>506</b> Powerful and efficient, the Quest 506 is the industry's first 500-pint dehumidifier and is perfect for agricultural applications as well as tough commercial spaces. Its 506 pint capacity makes it one of the most powerful commercial dehumidifiers on the market.</p>	220 - 240V ----- 277V	506 Pints	1500 ----- 1350	8.1 Pints / kWh	11 Amps @240V ----- 10 Amps @277V
	 <p><b>746</b> Quest 746 480V dehumidifier features our patented M-CoRRM technology. This multi-coil design reuses refrigeration allowing Quest to provide industry leading efficiencies. It frees up electricity while using less amperage at a higher voltage.</p>	480V	746 Pints	1750	7.3 Pints / kWh	6.5 Amps @480V