SUCCESS STORY // Vital Climbing Gym

Why Airflow is Vital for Climbing Gyms

Vital Climbing Gym maintains good air quality with HVLS fans.

Vital Climbing Gym in Oceanside, CA brings an outdoor climbing experience indoors. The salty ocean breeze filters into Vital's open doors, and MacroAir fans circulate the fresh air throughout the space. According to Parker Young, a youth team instructor at Vital, the coastal wind and airflow from the fans deliver a nice feel for workers and climbers.

Good air quality is difficult to maintain in climbing gyms due to the chalk in the air as well as the odor from climbers exerting themselves. Without airflow, climbing gyms quickly become stale and hot.

As Parker describes it, *"The problem is that it's so musty and hot and you have climbers feet smelling up the place, so if you don't have mobile air, it's a problem. So if you are sweating all the time and you have stinky feet, it's just not a good experience."*

Vital Climbing Gyms understand the importance of air quality. Since 2013, Vital in Bellingham, Washington has appreciated the airflow generated by its two 14-foot MacroAir fans.

Vital Oceanside runs its two 10-foot and one 12-foot MacroAir fans about 24/7 to maintain a high indoor air quality and mimic outdoor climbing conditions. The breeze created by the fans accelerates natural evaporative cooling which keeps climbers cool, dry, and comfortable. The fans also circulate the air which moves the chalk dust out of the facility, preventing it from settling into the space and being inhaled.

"Compared to gyms that don't have these fans, the air quality is so much better at the gym that has MacroAir." Parker Young

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