



Breezair Delivers High-Performance Cooling to Air Force Hangar Following Successful Army Deployments

Supplier: ANSA International

Customer: Pakistan Air Force

Facility details:

Size: 2,230 m² (24,000 sq. ft)

Structure: Single-roof building

Usage: Aircraft hangar / multifunctional military facility

Status: Newly constructed and currently vacant

This state-of-the-art Air Force hangar is now efficiently cooled with premium-quality Breezair evaporative coolers, maintaining comfortable temperatures inside the facility where aircraft are parked and serviced.

Overview

Following a series of successful Breezair installations across Army facilities in Baluchistan, the Pakistan Air Force selected Breezair's advanced evaporative cooling technology for a newly constructed aircraft hangar and multifunctional hall in Zhob. The decision was driven by Breezair's proven performance, energy efficiency, and reliability in challenging climates.

Challenge

Zhob experiences extreme summer temperatures exceeding 44°C. While refrigerated air conditioning systems were considered, they were deemed cost-prohibitive both in terms of installation and long-term operation. The military needed an efficient, economical solution suitable for large-volume spaces.

Solution

- **System Installed:** 16 × Breezair TBQ 500 units
- **Installation Configuration:** Units mounted on one side wall with exhausts on the opposite wall
- **Technology Advantage:** Breezair's superior performance, durability, and robustness—already proven in previous military installations—were key factors in the decision to once again choose Seeley International's advanced cooling technologies.

Results

Indoor Temperature Improvement:

When a temperature reading was taken in April 2025, before the peak summer temperatures of up to 49°C, the internal temperature had already fallen to 23°C, compared to an ambient 32°C, a 9°C drop, achieved before summer extremes.

Humidity Considerations:

Zhob's relatively dry climate enhances the performance of evaporative cooling.

Breezair performance as temperature rises

No matter how hot it gets outside, Breezair uses the same amount of power and still delivers 100% fresh, cool air inside.

This is in direct contrast to traditional A/C, which requires increasing amounts of power as outside temperatures rise.

Breezair cost-saving capabilities actually increase, when the heat is at its highest.

At the same time, Breezair's performance also increases as temperatures rise – again, in complete contrast to refrigerated systems.



Improving Indoor Air Quality (IAQ)



Cool fresh outside air



Energy & Cost saving



No chemical refrigerants (only water used)



Sustainable technology



Easy to install and maintain