



**BIG ASS
FANS**



THOMAS HASSALL ANGLICAN COLLEGE

CASE STUDY

INVESTING BIG TO MAKE A BIG DIFFERENCE AT SCHOOL

Schools are investing in the adage that bigger is better as they strive to optimise the comfort and performance of staff and students, reduce energy consumption and maintain the consistency of their curriculum through the scorching summer months.

📍 Sydney, New South Wales

THE NUMBERS DON'T LIE

Like many Australian schools, Thomas Hassall Anglican College faced the challenge of maintaining comfortable temperatures in its large indoor sports facility during summer. On particularly hot days, temperatures inside the venue could reach 40°C, creating conditions that threatened student comfort, participation and the continuity of scheduled activities.

Studies have shown that individual performance begins to decline when ambient temperatures exceed 25°C, driving demand for the high-volume, low-speed technology developed by Big Ass Fans to boost comfort and productivity.

The school needed a cost-effective solution that would improve airflow throughout the large-volume space without relying heavily on energy-intensive air conditioning.

In 2021, Thomas Hassall Anglican College installed two Big Ass Fans HVLS (High-Volume, Low-Speed) fans in the Rawdon Middleton VC Sports Complex.

Designed specifically for large, open environments such as gymnasiums, sports halls and multi-purpose facilities, the fans deliver gentle, consistent airflow across the entire occupied space.

The enhanced air movement creates a cooler-feeling environment for students, staff and visitors while helping reduce dependence on traditional cooling systems.

Since installation, the school has experienced a measurable reduction in perceived temperatures throughout the sports complex.

According to Talented Athletes Program Coach Sonny Makko, the fans consistently reduce indoor temperatures by 8°C to 12°C, helping keep conditions within acceptable limits for indoor sport participation.

“The temperature inside the sports centre would get up to 40°C in the hot summer days, however, by having the fans on we were able to bring the temperature down to approximately 32°C, which is the maximum temperature for indoor sport to continue.”

– Sonny Makko, Talented Athletes Program Coach

Uninterrupted Activities

The improved environment has allowed the college to continue sporting activities that may otherwise have been cancelled due to extreme heat. Basketball, futsal and other indoor programs can now operate more consistently throughout the warmer months.

Energy Savings

Big Ass Fans' HVLS technology can use up to 70% less energy than alternative cooling solutions, helping schools achieve their comfort goals while supporting broader sustainability and energy-efficiency initiatives.

Greater Facility Utilisation

By making large school venues more comfortable year-round, schools can maximise the use of their facilities for assemblies, events and community activities, helping transform multi-purpose spaces into valuable assets beyond the school day.

Customer insights originally shared with NewsCorp Australia journalist Adrian Haines and reproduced with attribution.

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ASS FANS ARE RUNNING].”**

**SONNY MAKKO | Talented Athletes Program
Coach, Thomas Hassall Anglican College**

