

State-of-the-art HVAC upgrade for Kennedy Baptist College

CASE STUDY

CLIENT: KENNEDY BAPTIST COLLEGE

PROJECT: Kennedy Baptist College Stem Centre Upgrade

KEY CHALLENGES:

- Implement a different type of panel ceiling
- Find a new pathway to install dust extraction ductwork
- Reduce overall HVAC costs and increase efficiency levels for air conditioning and dust units

OUTCOMES:



Acoustic paneling was installed, significantly reducing noise levels



Installation of state-of-the-art exhausts and compressors to reduce dust in a timely manner to avoid clashes with other services



Optimal air comfort levels with high efficiency have been achieved and reduced HVAC costs

[The Client

Kennedy Baptist College is an Australian co-educational independent secondary school located in Murdoch, Western Australia. The college accommodates approximately 1,200 students. Key facilities include a sports centre, arts facility, modern cafeteria and dining room, 1,200 seat auditorium and research and study centre.

[What We Did

Grosvenor worked closely with the builder Classic Contractors and Kennedy Baptist College to supply and install 40 ceiling cassettes; fresh air fans and ductwork; exhaust ductwork; fans for 3D printers and welding bays; exhaust fume arms for a soldering bay; ductwork and dust extraction system.

The team also performed all mechanical electrical work, including implementation of a central control system. Fujitsu Variable Refrigerant Flow Systems were installed at the college to provide optimal comfort, high efficiency and reliability for all users.



Grosvenor is one of the most experienced HVAC providers in Australia and demonstrated significant expertise in this area. The relationship from previous jobs that they have with Classic Contractors played an important role in their appointment on Kennedy Baptist College. The HVAC solutions they implemented were seamless and value engineering work saved the school valuable funds.

Robert Dixon
Construction Manager, Classic Contractors