

**Below Premier Ducts custom manufactured all of the air conditioning ducts for the project.**



**JCU's Engineering and Innovation Place (EIP) provides a range of learning and research spaces needing specialised air handling.** Premier Ducts manufactured all of the air conditioning ductwork across the project, to ensure the HVAC air flow worked efficiently.

To meet the specific needs of the EIP, “our take-off team built a 3-D model using Autodesk CAMduct to the exact match of the construction drawings as well as confirmation with onsite HVAC team to ensure the model also reflected the as-built layout of the building,” explained Quang Khuu, Senior Production Engineer. Each 3-D template has a unique QR code, to track progress through production to installation.

“I have dealt with a lot of ductwork manufacturing companies, and [Premier Ducts] are the best so far. Everything was made to plan, and it has been a smooth process,” said Brian Kent, Site Manager Value Added Construction.

With deliveries scheduled for every two weeks, Premier Ducts ensured the required ductwork was completed in advance and stored ready for delivery. “We pride ourselves on our transparency. When the ductwork is loaded and ready for transport, we provide delivery dockets and colour-marked up ductwork sequences on drawings for every trip, allowing the

site manager to have a clear record of the amount of ductwork loaded onto each truck and easy identification,” explained Quang Khuu, Senior Production Engineer.

Approximately 6,400m<sup>2</sup> of insulation and 8,700m<sup>2</sup> of metal ductwork at 100% accuracy was manufactured for the project using Australian made sheet metal and insulation. “Supporting our Australian made material products is important to our company,” said Katy Nguyen, General Manager. Premier Ducts team is proud that their ductwork complied, often time, exceeded AS 4254.2-2012 and AS 1668.1:2015 compliance for HVAC ductwork.

Established in 2015, Premier Ducts is one of the largest manufacturers in Australia with facilities in Brisbane and Sydney. The company's commitment to excellence in all aspects of duct manufacturing and customer service is second to none.

“My experience has been good, and the communication is excellent. Everything we ever asked for has been delivered, said Tanya Polino, Project Manager, JCU EIP.

**For more information contact Premier Ducts, [info@premierducts.com.au](mailto:info@premierducts.com.au)**