

NATURA THE NEW BENCHMARK FOR HVAC



Orion Mechanical Services (ORION) has established itself as a leading provider of custom design and construct, Heating, Ventilation and Air-Conditioning (HVAC) solutions in New South Wales.

With over 20 years of experience, ORION specialises in delivering high-end HVAC infrastructure to a wide range of projects and clients including residential, commercial, industrial, and mixed-use projects.

Their recent work on the Natura Apartments, in collaboration with WATPAC Constructions, exemplifies their expertise and commitment to quality in this field. “In collaboration with the builder we were able to value engineer the design of the central AC systems to offer a significant cost saving to the client,” says Justin Phillips, Managing Director and Founder of Orion Mechanical.

Natura is now synonymous with state-of-the-art HVAC infrastructure, thanks to the comprehensive design solutions implemented by Orion. The project consists of twin 20 storey residential towers, basement carparks, plantrooms and common areas.

Each residential tower is served via roof mounted central condenser water plant incorporating BAC cooling towers, Masterflow Pumps, Meridian Condensing boilers, Alfa Laval Heat Exchangers and Innotech controls. All one, two and three bedroom apartments are served by Temperzone reverse cycle horizontal water-cooled package units. Apartment ventilation includes flat pack PVC horizontal discharge toilet and kitchen exhaust systems. “We are incredibly proud of the quality we delivered to the apartments” said Justin.

The top floor penthouse apartments on each building were outfitted with independent Hitachi VRF Air-conditioning system with Cool Master home automation interface. Air Conditioning is also provided to all common areas, yoga room, library & managers office.



Each tower includes a complex stair pressurisation and smoke exhaust system developed in conjunction with the builder and fire engineers. “We aim to satisfy and exceed the expectations of our clients when it comes to comfort and most importantly safety,” said Justin.

Orion Mechanical is currently undertaking the design and construction of sophisticated HVAC solutions across Sydney including Sirius Apartments at the Rocks and Kurraba Apartments for Richard Crookes Constructions, Waverly Bowling Club for Mirvac, Surry Hills Village for Toga Constructions & The Brewery Yard in Chippendale for Icon Constructions.

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