

Improve building performance, energy efficiency & occupant comfort

Discover our
HVAC Design Service



GROSVENOR]
engineering group

HVAC Design Services

HVAC systems use more energy than anything else in a commercial building. Air conditioning also results in tons of carbon dioxide emissions, so making HVAC systems as green as possible is a huge concern. Our dedicated design team support you with HVAC refurbishments and construction projects – upgrading and/or retrofitting old and obsolete HVAC assets – significantly improving your buildings performance, energy efficiency and occupant comfort.

Our Design & Engineering Services

Section J Compliance	NCC Section J Energy Efficiency Assessment service: <ul style="list-style-type: none">• Assessment of drawings and specifications• Preparation of a preliminary performance assessment• Recommendation of changes to drawings and specifications to meet BCA requirements if necessary• Quality check of documents to identify recommended design changes and drawing annotations• Preparation of a final Performance Assessment Report
HVAC System Modelling	Heat / thermal loads (executed by computer modelling program).
Reverse Briefs	We can provide our clients with a reverse engineering brief after the initial site visit. These outline and firm-up the mechanical design criteria and scope of works.
HVAC Equipment Selection	We recommend the right equipment for the job, whether it is an Air Handling Unit (AHU), FCUs, VRF/VRV system, our engineers are familiar with all local OEMs.
Value Engineering	We provide assistance during construction including value engineering for detailed design projects.
HVAC commissioning	Attend commissioning test alongside our experienced project managers to ensure design performance requirements are met before project hand-over to our customers.
AutoCAD 2D and REVIT MEP 3D	We utilise AutoCAD 2D and REVIT MEP 3D modelling software as well as Bluebeam Revu as a document management solution to streamline design workflows.
Engineering Reports	Detailed engineering reports for projects to advise customers on suitability of the existing HVAC systems and recommend most efficient and economical solution with order of cost for each option.
Detailed Designs	Projects include concept, full detail design or D&C for small to large size buildings.



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ANZ Head Office
76 Heathcote Road
Moorebank, NSW 2170
Australia

P.O. Box: 57013
Mana Porirua, Wellington 5247
New Zealand

HVAC Design Services
Australian Hotline: 1300 255 247
New Zealand Hotline: 0800 146 202

www.gegroup.com.au
www.gegroup.co.nz



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