

MEDIA RELEASE
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MITSUBISHI ELECTRIC AUSTRALIA EXPANDS ITS MODULAR CHILLER LINE UP FOR INCREASED EFFICIENCY

Mitsubishi Electric Australia has expanded its 'off-the-shelf' high efficiency, inverter driven e-series modular chiller line-up by adding new 150 and 180kW modules.

The new top discharge air-cooled modular chillers offer exceptional part load efficiencies, improved energy savings, reduced footprint and a host of advanced features and benefits. These modules are available as both heat pump and cooling only option.

With four high efficiency inverter scroll compressors operating as two pairs in each module and the ability to connect up to six individual modules into one system, the additions make for exceptional part load efficiencies.

This means that the e-series expansion is likely to be of particular interest to building designers, manufacturers, managers and owners who are aiming to comply with government energy legislations while balancing the requirement to provide comfortable, productive environments for occupants or for process cooling applications.

Atesh Mani, National Product Manager, Mitsubishi Electric Australia explained, 'The Australian Government is focused on a 26-28% reduction in greenhouse gas emissions from 2005 levels by 2030. This means that legislation and initiatives they are putting in place, such as minimum energy performance for new buildings or major refurbishment, are impacting how businesses build.

'The updates made to the e-series chiller range allow businesses to meet these efficiency requirements and create a comfortable work environment.'

Another key feature of the range is optimum frequency control. The embedded logic will maximise overall efficiency of the system by operating the compressors in high efficiency operating range under part load conditions. This feature in the e-series chiller line-up is beneficial to improve overall efficiency of the mechanical plant whether it comprises a single module or even up to 24 modules.

The new units have an even smaller footprint than the existing 90kW e-series modules and each slim unit can be positioned in a bank of up to six connected units using the same internal header, saving on piping space and equipment costs.

Available as a cooling only or heat pump version, the chiller is suitable for both comfort and process cooling applications. Annandale Farm in Tasmania who has installed the system for improved efficiency in bulk milk cooling.

For more information visit www.mitsubishielectric.com.au or for commercial enquiries contact Mitsubishi Electric Australia on 1300 164 508.

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About Mitsubishi Electric

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