

Muller Industries Australia



MULLER INDUSTRIES NEWS
December 2009

GRANT HALL'S BLOG

Housing industry reaps what it sows

A recent front page article in the Australian Financial Review revealed that the housing industry and green groups are at loggerheads over proposed national rules to improve energy efficiency in the home.

The article naturally included dire warnings from the housing industry that implementation could impose a cost burden of almost \$1 billion over the next decade.

What a joke!

After all, this is an industry that largely builds “hot houses” that face the wrong way, out of the cheapest constructional materials available. This “design” inevitably results in a residence that is virtually untenable without committing the building (or the tenant and environment) to extensive energy consumption in order to reverse the effects of bad construction.

The \$1 billion figure? Who knows which dart board that came from?

I'm sure it would be eroded to at least zero when you count the cost penalty for the buildings to be made livable by HVAC engineers, who actually get the blame for fixing the mess.

The residential construction industry needs a drastic overhaul – all you need to do is visit a few display homes to see how few, if any, demonstrate passive design.

The Green Building Council of Australia has proposed that the national rules are too prescriptive (and they probably are) but let's not throw the baby out with the bathwater! The problem really exists in the absence of a consumption-based pricing schedule; after all it's very difficult to drive big change based on a feel good factor alone.

Grant Hall, Managing Director

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MULLER WINS 2010 AHR EXPO AWARD

Muller Industries has beaten strong competition from all over the world to win the prestigious 2010 AHR Expo Innovation Award for Refrigeration.

Muller Industries will now be recognised at the awards ceremony on Tuesday, January 26th 2010 at the 2010 AHR Expo, to be held in Orlando Florida.

“The AHR Expo Innovation Awards program has a very positive impact on the HVAC&R industry,” said Clay Stevens, President of IEC, Show Producers and Managers. “It calls attention to innovative new technology and encourages manufacturers to pursue creative and practical solutions.”

The Innovation Awards are jointly sponsored by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE); the Air-Conditioning Heating and Refrigeration Institute (AHRI); and International Exposition Company (IEC), producers and organisers of the AHR Expo.

According to Grant Hall, Managing Director of Muller Industries, the award only affirms the company’s belief that their patented 3C Condenser technology is an industry leader.

“This is a purpose-built condenser for the 21st century and is light years ahead of traditional condensers,” said Hall.

“End of use product recycling has been designed in, energy efficiency, refrigerant charge, peak energy demand, health risks, running costs – the list goes on. In the small to medium size range it doesn’t get better, and we are pleased the judges of the 2010 AHR Expo Innovation Awards agree”.

The 2010 AHR Expo is endorsed by 30 leading HVAC&R industry associations and is co-sponsored by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and the Air-Conditioning, Heating and Refrigeration Institute (AHRI). The Heating, Refrigeration and Air-Conditioning Institute of Canada (HRAI) is also an honorary sponsor. ASHRAE's winter meeting is also held concurrently with the AHR Expo each year..

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EXPANSION SEES CHANGES AT MULLER INDUSTRIES

Following continued domestic growth and the company's expansion into the North American market, Muller Industries Australia has appointed Peter Schey to the position of General Manager.

Having joined Muller Industries in May this year as Business Development Manager for New South Wales, Queensland and the ACT, Peter now heads up the Australian and European activities of the company.

"It's an exciting time to be heading up the Australian and European arms of Muller Industries. Sales are increasing and we are expanding our manufacturing facility in Melbourne to meet this growing demand," he said.

In addition to Peter's appointment, Muller Industries has also appointed Gary Wheeler to the position of QA/Production Manager.

Gary brings to Muller Industries over 20 years of QA/Production management experience, having previously been employed with Heldon.

"Knowing Gary's professional approach to QA, we are excited to have Gary as part of the team," said Peter.

"Given our commitment to supplying the best possible heat rejection equipment available, we see quality as being as important in enhancing both our technical and environmental credentials here in Australia and around the world."

Both appointments are effective immediately. The staff at Muller Industries congratulates Peter on his appointment, and welcomes Gary to its growing team.

Peter can be contacted on 0408 099 719 or via email peter@mullerindustries.com.au

Gary can be contacted on 0409 982 744 or via email gary@mullerindustries.com.au

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USA GIVING GREEN TO GET GREEN

The American Clean Energy and Security Act of 2009, recently passed by the United States House of Representatives, includes several significant provisions and incentives that provide significant benefits for designing, building and retrofitting green buildings across the United States of America. The landmark legislation includes several initiatives and provisions supported by or developed in consultation with USGBC (United States Green Building Council) including:

Retrofit for Energy and Environmental Performance (REEP) program - supports retrofitting initiatives for residential and nonresidential buildings offering a variety of incentives including credit enhancements, interest rate subsidies, and initial capital for public revolving loan funds

GREEN (Green Resources for Energy Efficient Neighborhoods) Act (H.R. 2336) - provides incentives to lenders and financial institutions to provide low interest loans and other benefits to consumers who build, buy or remodel their homes in ways that improve energy efficiency

Building Energy Performance Labeling Program - directs the Environmental Protection Agency (EPA) to create model building energy performance labels for new construction establishing a meaningful and consistent standard for evaluating the energy performance of residential and commercial buildings

EPA's WaterSense program, which receives permanent authorization to designate products as water efficient, as well as funding for state incentive programs for use of water-efficient products

Extension of power purchasing authority for federal agencies, which allows the federal government to enter contracts for the purchase of renewable power for a period of up to 20 years

In America, buildings account for 40% of the energy consumed, 39% of all CO2 emissions, and 13% of the total water consumed per annum. The USGBC will qualify the rebates, tax credits, and incentives earned through the LEED certification system (Leadership in Energy and Environmental Design).

LEED provides a third-party verification that buildings and/or communities are designed and built utilizing strategies that maximize energy savings, water efficiency, reduce CO2 emissions, and improve indoor environmental quality while minimizing the impact on the environment.

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MULLER INDUSTRIES APPOINTS NZ DISTRIBUTOR

Energy Optimisation Synergy's², a division of Industrial Refrigeration Services Ltd, has this week been appointed New Zealand distributor for Muller Industries' multi award-winning and patented range of heat rejection equipment.

"Both Marten and myself are excited to be chosen to represent and distribute what we regard as leading edge and innovative heat rejection equipment – equipment which reduces the environmental impact of refrigeration and provides the end user with a payback over conventional alternatives," said Philip Cunninghame, Manager of Energy Optimisation Synergy's²

"This includes the 3C range of fluid coolers which have been widely recognised and awarded for their contribution to reducing water usage and energy, as well as their ability to reduce dependence on biological control of Legionella and other pathogens."

Energy Optimisation Synergy's² also see a great opportunity in New Zealand for the Australian-made H09 series of refrigerant condensers, recently described as "the best air-cooled condensers in the world".

This description was only enhanced when the range was recently announced winner of the prestigious 2010 AHR Expo Innovation Award for Refrigeration. The AHR Expo is North America's largest industry expo, endorsed by thirty leading HVAC&R industry associations.

The H09 series features the Muller Industries designed Micro Channel Heat Exchanger which reduces the amount of refrigerant in the condenser by 70%. It is aided by the power of adiabatic technology and Ziehl-Abegg EC fans which considerably reduce the unit's footprint, noise and power consumption whilst improving plant COP over other air cooled condensers.

Energy Optimisation Synergy's² can be contacted at:

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