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CALMAC Founder Posthumously Awarded Frank J. Zamboni Award

Calvin MacCracken recognized by Ice Skating Institute for contributions to ice arena industry

Fair Lawn, N.J. – July 20, 2010 – [CALMAC](#) founder Calvin MacCracken was recently posthumously awarded the Frank J. Zamboni Award by the Ice Skating Institute (ISI). An avid inventor, MacCracken was recognized for the development of an array of products aiding ice arenas across the globe, including his [IceMat® Ice Rink floors](#), which create perfectly uniform ice with dramatic reduction in pumping power. The Frank J. Zamboni Award honors individuals who have made significant and lasting contributions in engineering and or technological advancements in the sport of ice skating or the operation of ice skating facilities.

Introducing the award at ISI's Annual Ice Arena Conference was Peter Martell, ISI Executive Director. During his presentation, Mr. Martell specifically mentioned the number of patents Calvin was granted over the years and his wide range of innovations - from the roller hot dog grill to hospital K-pads.

Mr. Martell went on to say, "Mr. MacCracken's patented Alumazorb® Low Emissivity Ceiling dramatically reduces the energy consumption needed to maintain an ice surface and is heralded as 'one of the most important advancements in the last 50 years.'"

"My father was passionate about innovation and had over 80 US patents in his 50 years at CALMAC. I was there the day he discovered the affects of ceiling radiation on indoor ice rinks, which ultimately lead to the invention of the Low-E ceiling," said Mark MacCracken, CEO of CALMAC.

Recent [ASHRAE](#) research on the topic of energy usage in indoor ice arenas confirmed Calvin's discovery that radiation makes up over 40 percent of the refrigeration loads in ice rinks that haven't addressed ceiling emissivity. "The next time you are in an indoor ice rink, look above the ice surface. If you don't see a shinny aluminum surface, the rink is wasting large amounts of energy and money." MacCracken said.

With this award, Calvin joins an elite group of individuals who have used their creative drive and talent to advance and improve the ice skating business, including Frank J. Zamboni Sr., Richard Holmsten, and Doug Moore.

About CALMAC

[CALMAC](#) Corporation is widely recognized for promoting peak energy conservation and energy cost savings. A member of Demand Response Smart Grid ([DRSG](#)) Coalition and a [USGBC](#) member, CALMAC is a leading manufacturer of IceBank® Energy Storage equipment with over 3,600 Ice Storage installations worldwide. IceBank systems are a valuable component of the smart grid, enabling energy, including renewable wind energy that mainly blows at night, to be efficiently stored for use during periods of high demand.

About ISI

ISI is an international industry trade association encompassing all aspects of the ice skating industry. ISI was founded in 1959 as a nonprofit organization for owners, operators, and developers of ice skating facilities. For over 50 years, ISI has become the industry trade association for progressive ice skating facilities, managers, coaching professionals, suppliers and individual skaters.

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