

FOR IMMEDIATE RELEASE  
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## **RYKA Molds Inc. integrates Ritemp™ mold cooling technology to drive innovative, energy efficient and environmentally friendly solutions for blow molders**

**Mississauga- Ontario, Canada-** RYKA Molds Inc. President Rick Hanke announced today, that RYKA Molds Inc. will leverage Ritemp™ mold cooling technology to rapidly develop and market innovative product solutions in the blow molding arena. With the primary driver being customer productivity, Ritemp™ will not only significantly improve RYKA Molds Inc. cycle time performance, but will further enhance the RYKA product offering through quantified energy and environmental savings.

“Ritemp™ represents one of several ideas under evaluation at this time to offer customers a crystal clear productivity differentiator. Customers look to us to help find any incremental savings to improve their bottom line, and Ritemp™ opens an array of avenues for RYKA”, stated Rick Hanke. “RYKA and Ritemp™ believe this technology will significantly improve productivity for blow molders in the same way injection molders have seen significant gains previously unachievable.”

Ritemp™, launched in North America at NPE 2006, simplifies the entire mold cooling circuit by providing significant productivity increases including average **cycle time reductions of 20-50%**. Additionally, reduced power and water consumption, inherent with the Ritemp™ design lowers operational costs for molders. The technology has been developed, tested and patented by Ritemp™ Technologies Pty. Ltd. based in Australia, with proven solutions already in the production for several years.

### **RYKA appointed North American Development Center for Blow Mold applications**

Working closely with SWM and Associates, the exclusive Ritemp™ representative for North America, RYKA Molds Inc. will be working quickly to quantify productivity and overall environmental improvements. A commercial relationship between RYKA and Ritemp™, establishing Ryka as the North American Development Center for blow molding applications, offers numerous benefits for their customers to accelerate their initiatives as expediently as possible.

### **Ritemp™ Mold Cooling Technology - How it Works**

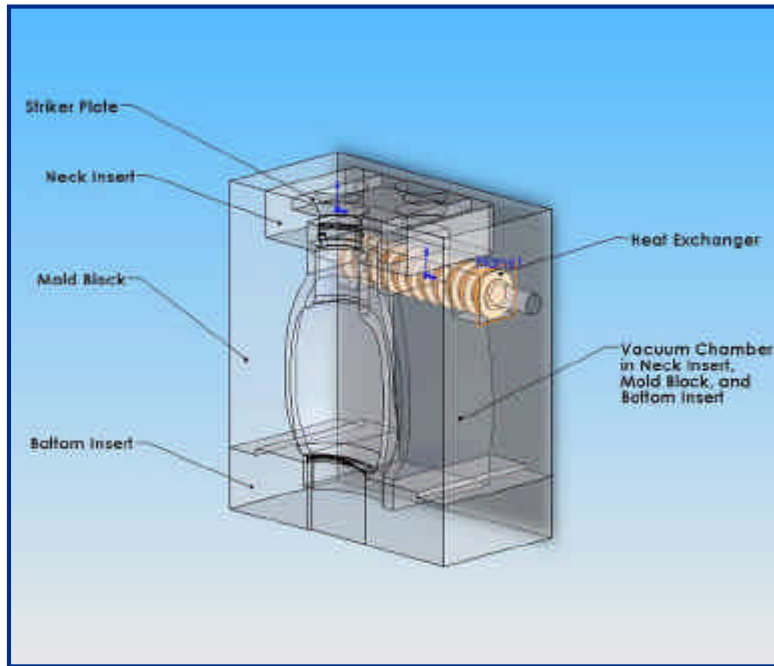
Ritemp™ provides uniform and efficient mold temperature control by replacing conventional cooling circuits with sealed "cooling chambers" that completely envelope the mold's working surfaces.

These chambers are partially filled with a suitable liquid and all the air is removed, leaving only the liquid and its vapor. When heat from the plastic molding reaches the surfaces of the cooling chambers, the liquid boils and evaporates, removing heat from the moldings very efficiently. The shaping of the chambers ensures a very uniform temperature distribution.

Excess heat is transferred, by condensation, at compact proprietary heat exchangers built into the cooling chambers. The Ritemp™ Temperature Controller calls for coolant flow through these heat exchangers only when it is needed and the flow rate needed is a small fraction of that required by a normal mold. Because air is not allowed inside the Ritemp™ cooling chambers, cooling system corrosion cannot occur.

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## PRESS RELEASE IMAGE



**Caption:** Illustration of RYKA blow mold concept with Ritemp™ cooling shows location of heat exchangers, water and evacuation (vacuum) chamber for a blow mold application.

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### **About RYKA Molds Inc.**

RYKA Molds Inc, with over three decades of blow mold design innovation, is a leading source of productivity enhanced tooling solutions for the blow molding industry. RYKA provides engineered solutions and manufactures a wide range of blow molds used to produce plastic parts for the Packaging, Industrial, Technical and PET molding markets. Customer service driven, the company works one-on-one, with each project being assigned a dedicated project manager from start to finish. Additional services include prototype development, refurbishing and reverse engineering capabilities.