

FOR IMMEDIATE RELEASE

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Arizon Companies' Marcraft Division announces new Zero CasingTM Units

MarCraft's energy efficient Zero CasingTM nets significant operational savings to customers

St. Louis, MO--MarCraft® Custom Air Handling Systems, a division of Arizon® Companies, recently announced a grant by the United States Patent and Trademark Office of a provisional patent for "Zero Casing" for use in high performance air handling units. The Inventors, Doug Howery, MarCraft Division Manager, and Charles Christiansen, Senior Application Engineer, were recently recognized for this achievement.

"We are excited about being able to offer products that preserve the green philosophy of today's construction environment," said Ron Scharf, Arizon's CEO. At his recognition ceremony, Howery said, "Superior efficiency, true no-through metal construction, and reduced operational costs are just a few of the benefits that MarCraft's Zero CasingTM technology delivers."

Zero CasingTM offers the benefits of Zero Through Metal from interior to exterior, offering superior thermal performance; Zero Leakage defined as less than ¼ of 1% at 12" w.c. positive or negative pressure; Zero Deflection defined as less than L/480 at 12" w.c. positive or negative pressure; Zero Water Penetration without the need for sealants; and Zero Standard Modules offering a true custom product solution.

In addition, all MarCraft units are constructed with Reverse PanelTM Construction, meaning they have smooth, washable interiors that are IAQ and maintenance friendly. Zero CasingTM exteriors are smooth as well and have minimal fasteners reducing possible casing leakage points. "It should be noted that casing leakage is a far bigger contributor to energy loss than radiated energy due to R-value of the casing system," said Howery. "In fact, casing leakage at 1% airflow contributes more than 70% more energy loss than that radiated from the casing on an industry standard constructed 2" wall HVAC casing."

Since 1976, Marcraft has been designing and building custom HVAC units for everything from educational facilities to hospitals, airports, and many other custom applications. Marcraft specializes in "clean sheet" designs that fit all special applications and project requirements. Special construction materials are available, including aluminum, stainless steel, galvanized or any combination thereof. MarCraft offers piping, wiring, custom DX packages, and controls



packages, as well as packaged mechanical rooms providing complete systems. For more information please visit the website at www.arizoncompanies.com

About Arizon Companies

Arizon® Companies manufacture and install three unique, industry-leading product lines: Johnson Air Rotation® and Make-up Air Systems, MarCraft® Custom Air Handling Systems and Arizon® Air, Frame and Tension Structures. To learn more about Arizon Companies—or any of its product lines—visit www.arizoncompanies.com or call Barbara Scheer in our St. Louis, Mo., office at (800) 325-1303.