

# The Control Zone

Total Solution for all your Control Needs



Volume Five- Issue 1

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## From the Desk of the President:

**2019 AHR EXPO, Atlanta, GA - January 14-16**

Despite the turmoil around the US, the AHR Expo was well attended. For those who made it to the show, thanks for stopping by our booth. Besides our booth equipment displays, many of our OEM's used MCS products at their booths. Thanks again, it was great seeing customers and meeting new ones.



**AHREXPO**  
Atlanta JAN 14-16 • 2019

The 2019 ASHRAE Winter Conference and AHR Expo drew industry professionals from around the world to view new products for the HVAC/R industry.

The focus at AHR Expo was on technology and tools that are redefining comfort, performance, safety, and efficiency in the HVAC/R industry. Energy efficiency and sustainability was emphasized along with current engineering and construction practices within the U.S. and Canada.

Micro Control Systems (MCS), was very pleased to introduce a wide variety of new items from its booth at the show this year.

Starting with the introduction of its 12volt line of the Magnum controllers. This line offers 12volt stackable expansion boards for inputs & outputs thereby reducing the amount

of needed control cabinet space.

This was followed by the U.S. debut of the new MCS-Flooded Evaporator & Condenser. This Shell and Tube Heat Exchanger product line meets the ASME certifications and is offered as a standalone item or in conjunction with Hanbell compressors and MCS controls.

A big draw to the booth this year was MCS's showing of the new Hanbell 450 ton 'RTM' oil free magnetic Centrifugal compressor. A rugged built, durable & highly efficient option in the larger tonnage magnetic compressor field.

Attendees visiting the MCS booth gained knowledge about the MCS product lines, being able to view first hand the operation of these products.

## In this Issue . . .

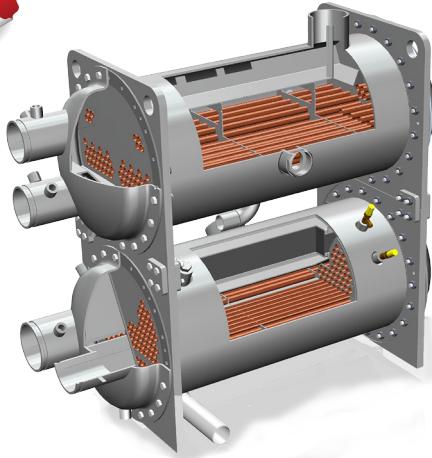
Highlights of  
2019 AHR Expo, Atlantic, GA

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# MCS introduces New Products in Atlanta . . .



## MCS Shell & Tube Heat Exchanger



- Built in oil separator in condenser heat exchanger
- Doubly enhanced condenser and evaporator tubes
- Better heat transfer and increased efficiency
- Optimized Water Velocity and Pressure drop
- Energy Savings
- Quick and Easy Installation
- Tested and certified by ASME



## RTM Magnetic Bearing Centrifugal Compressor

Break through the bottleneck of energy efficiency of existing products. Hanbell is leading the trend of energy savings and consumption reduction with the RTM Magnetic Bearing Centrifugal Compressor.



- No Oil Required
- Permanent Magnet Synchronous Motor - efficiency is as high as 97%.
- Intelligent Controls
- High COP 6.76 and IPLV11.57



MCS Energy Efficient  
and RoHS Compliant

[www.mcscontrols.com](http://www.mcscontrols.com)