

The Control Zone

Total Solution for all your Control Needs



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June -July 2022

From the Desk of the President:

The first 6 months of 2022 have been busy for MCS. Training Classes were held in our Fort Myers facility in February, April, March and again in May. I managed to travel, visiting some of our OEM's in the Middle East and in India this year. It has been a few years, trying to travel and update them on our progress here in the US. So far, we are able to meet their needs and updating some of our existing controls. We are excited with progress in developing new items for the HVAC industry, and continue to support our contractors in the US and abroad.



Fall/Winter Training Classes are Forming

Micro Control Systems will be holding training classes in Fall/Winter, 2022 and again in February and March of 2023.

- November 15~17th, 2022 - ICE/CSG Training Only
- December 6th~8th, 2022 - OPEN CLASS
- February 13th~15th, 2023 - OPEN CLASS
- March 21st~23rd, 2023 - ICE/CSG Training Only

These classes will be three days in-depth hands-on workshops that will enable attendees to have a working knowledge of MCS-Magnum hardware, software and Hanbell compressors.

Attendees will learn how to use MCS-Connect software to communicate with MCS hardware and learn troubleshooting techniques that will be useful in the field.

Lunch will be provided daily.

If you are interested in attending, go to:
<https://mcscontrols.com/training.php>

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MCS EXPANDS STORAGE AT FORT MYERS MANUFACTURING FACILITY

Quick Shipping from our vast Inventory!

At MCS we have a large inventory of Hanbell compressors and parts, in stock and ready to go!



MCS also stocks **Industrial Control Panels** and an extensive inventory of parts, all ready to quick ship. Just let us know your requirements and we can ship to your job site helping you get the upgrade or new install up and running faster.

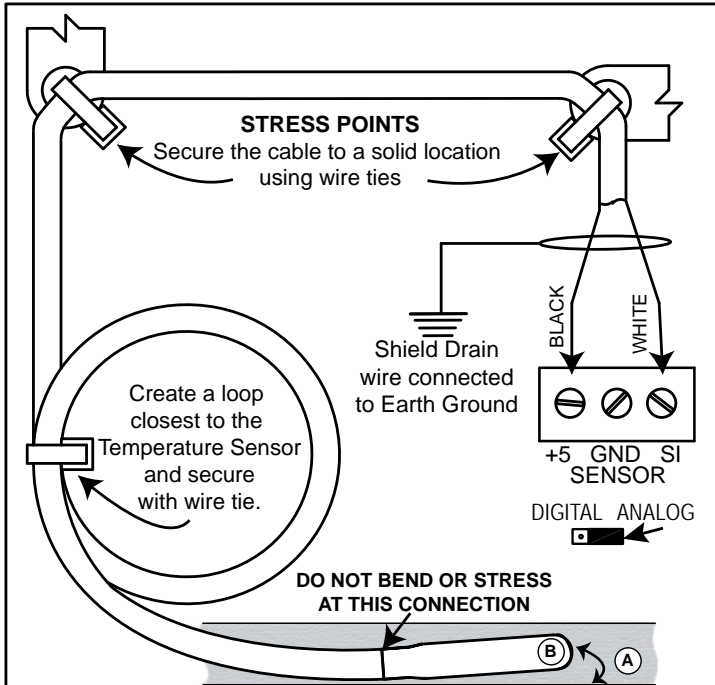
Customer service is an important part of our business.



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MCS CONTROLS USED AROUND THE WORLD

Details for Placing Temperature Sensors



- (A) Mount tip with a 4° up angle or more
- (B) Tip needs to be in contact with area to be measured

Two Conductor Shielded Cable
#22 AWG



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NOTE: When installing to measure superheat:

1. Temperature Sensor should be on a horizontal pipe close to the evaporator.
2. Pressure Sensor should be installed close to the compressor.
3. For proper installation mount the tube with opening slightly angled down on horizontal pipe as shown on the drawing above.
4. Tip needs to be in contact with areas to be measured.

MCS-BMS-GATEWAYS



The **MCS-BMS-GATEWAY** is a microprocessor based communication device that allows the MCS Magnum to communicate BACnet IP to BACnet MS/TP, Lontalk, and

Johnson N2 and provides translation from BACnet MSTP to LonTalk on the MicroMag.

(NOTE: MCS-BMS-GATEWAY-NL does not support LonTALK).



NEWEST MCS-BMS-GATEWAY-N54

The MCS-BMS-GATEWAY-N54 is a microprocessor based communication device that allows the MCS-Magnum and MicroMag to communicate BACnet IP to BACnet MS/TP, and Johnson N2.

Information that can be transmitted includes the status of control points, alarm information, digital inputs, analog inputs or setpoints to the Business Management System.



RON ANDERSEN
VP of Manufacturing

- Component Testing
- Reliability Testing
- Low Temperature Testing
- High Temperature Testing
- Prototype development
- Inspection, all part of everyday Manufacturing here at our Fort Myers plant where HVAC Controls are engineered.



MCS Energy Efficient
and RoHS Compliant

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