



Palmetto Controls, Inc.

Offering Building Automation Solutions for SC, and select  
NC and GA territories

Newsletter - May 2020

ASHRAE recommendations on the COVID-19 Virus and HVAC systems  
***“Maintain rooms with infectious aerosol concerns at negative pressure “***

See the Full Article: [ASHRAE on Infectious Aerosols](#)

## Siemens line of Isolation and Critical Room Pressure Monitors

### MRMS Multi-Room Station



Remotely Monitor up to 8 Rooms  
Built-in Audible and Visual Alarm  
Flush-Mount Design

- Low profile, easy-care wipe down
- Snap-in cover plate- no visible fasteners
- Face is sealed for cleaning or wipe-down
- BACnet® MS/TP Protocol

### SRCM Single -Room Station



This flush mounted monitor is typically located outside of an Isolation Room.

- Color display
- Dead end sensor will never clog.
- Supports the Industry Standard, BACnet
- Available in multiple accuracy and pressure ranges.

### RPM Single -Room Station



This is designed for critical low pressure differential pressure applications that require stringent pressure monitoring and alarming.

- Configured for positive or negative pressure
- Dead end sensor will never clog.
- Supports the Industry Standard, BACnet
- Available in multiple pressure ranges.

Visit us at

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

and contact us with your building automation and controls needs.

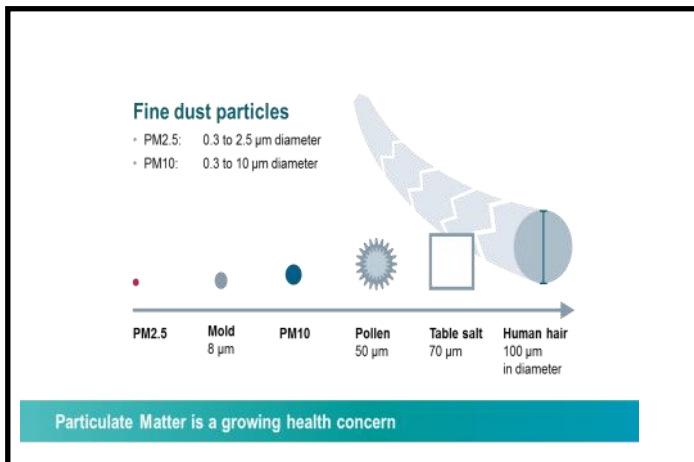


## Siemens Indoor Particle Meter

*“Preliminary study finds virus on tiny particles of air pollution”*

See the full article in [USA Today](#)

### What is Particulate Matter?



- Two 0-10V linear outputs with 0-500 µg/m<sup>3</sup> range
  - ◇ PM2.5 = particles from 0.3 to 2.5 micrometers
  - ◇ PM10 = particles from 0.3 to 10 micrometers in diameter
- QSA2700D
  - ◇ Shows µg/m<sup>3</sup> value with color-coded air quality level
  - ◇ Proximity sensor wakes display on approach
- QSA2700
  - ◇ Blank front avoids nuisance concerns about AQ
  - ◇ Red LED indicates sensing element requires replacement

### Health Effects of Particulate Matter

Small particles (≤10 micrometers in diameter) pose the greatest problems, because they can get deep into your lungs, and some may even get into your bloodstream.

Numerous scientific studies have linked particle pollution exposure to a variety of problems, including:

- Premature death in people with heart or lung disease
- Non-fatal heart attacks
- Irregular heartbeat
- Aggravated asthma
- Decreased lung function
- Increased respiratory symptoms, such as irritation of the airways, coughing or difficulty breathing.



**QSA2700D**  
Particle Meter With Display

Visit us at

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

and contact us with your building automation and controls needs.

## New Product

# Siemens RDS120-B Smart Thermostat (BACnet/IP “Wi-Fi” )

Always in touch with its surroundings thanks to very powerful and accurate sensors

[Click Here for More Information](#)

- *Temperature*
- *Humidity*
- *Proximity*



### Key Features:

- Includes BACnet communication with BTL listing (BACnet IP)
- Controls conventional HVAC systems up to 3H/2C and heat pumps up to 4H/2C
- Built-in occupancy sensor enables occupancy control
- Easy to use with intuitive navigation, and easy to read and easy to follow display
- Fast commissioning and direct connection to BACnet IP networks and a Wi-Fi router
- Indoor air humidity monitoring via built-in sensor
- The central building automation system can view and control the thermostat
- Higher-level control strategies leveraging smart thermostat data can be implemented



- Conventional System: Up to three stages of heating and two stages of cooling (33H/2C)
- Heat Pump: Up to two (2) compressors and two (2) stages of auxiliary heat (4H/2C)
- Supports single and dual transformer wiring, fan control for ventilation improvement, and Humidifier / Dehumidifier connection

Visit us at

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

and contact us with your building automation and controls needs.

# New Siemens Butterfly Valves are here!

Every Siemens valve and actuator are tested from the factory line to assure longer performance and bubble-tight shutoff for 0% leakage

More robust design that lasts even longer.



Available from 2 to 24 inches

Only Siemens butterfly valves tested to:

**30** thousand Full Strokes

**300** thousand Repositions

Solution Partner  
Building Technologies



TALON BUILDING AUTOMATION

www.palmettocontrols.com

(T) 803.239.2492 | (F) 803.779.8191

**\*Columbia Headquarters\***  
3101 Carlisle Street  
Columbia, SC 29205

**Charleston Field Office**  
1850 Northbrook Blvd.  
Hanahan, SC 29410

**Myrtle Beach Field Office**  
3803 Wesley Street  
Myrtle Beach, SC 29579

**Greenville Field Office**  
30-B Cessna Court  
Greenville, SC 29607

Visit us at

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

and contact us with your building automation and controls needs.

## Our Commitment

With a combined 35 years experience, PCI is uniquely qualified to provide the most advanced building solutions available by integrating products from Siemens Talon.

We are dedicated to insuring total customer satisfaction by providing our customers with the best building automation and control solutions. We are committed to offering only the best technology: technology that is cost effective, globally proven, and locally delivered and supported.

For more information call us at  
803-239-2492 or email us at [info@palmettocontrols.com](mailto:info@palmettocontrols.com)

## Place your Service Request Online



For your convenience, you can now place your non-emergency service requests online at:

<https://www.palmettocontrols.com/svc-req-form.html>

You will receive a confirmation of your request via email and a service technician will contact you promptly.

**Please do not use this form for Emergency requests.**

If you have an Emergency Service call or need immediate assistance during office hours, call our main number at **803-239-2492** and ask for the Service Desk.

3101 Carlisle St.  
Columbia, SC 29205

Phone: 803-239-2492  
Fax: 803-779-8191  
Email: [info@palmettocontrols.com](mailto:info@palmettocontrols.com)



Like Us



Visit us at

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

and contact us with your building automation and controls needs.