



techsystem

automatyka klimatyzacja wentylacja

▸ zapoznaj się z naszą ofertą



Compact, customizable,
configurable, cost effective.

Now you can get hundreds of control options and flexibility from just nine control modules. The new System 450™ electronic controls from Johnson Controls/PENN provide all the convenience and ease of use of plug together modular controls with improved efficiency and accuracy. Plus, you can control pressure, humidity and temperature with a single system.



For more information about System 450 contact your local sales representative or visit us online at www.johnsoncontrols.com

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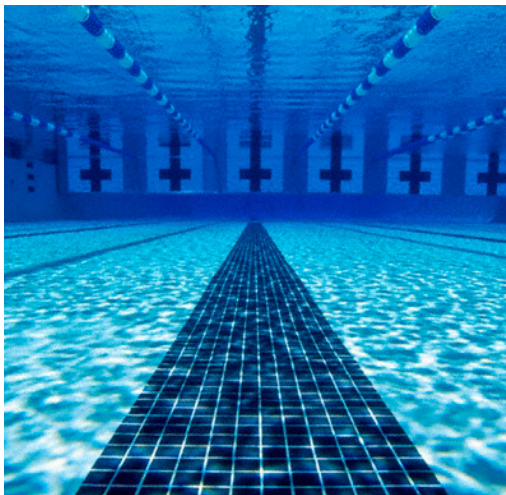
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SYSTEM 450™ MODULAR ELECTRONIC CONTROLS

Do more with less





The New System 450

Modular Electronic Controls

Compatible with:

- A99 Temperature Sensors
- P499 Ratiometric Transducers
- HE-67S3 Humidity Sensors

A99
Temperature
Sensor



P499
Ratiometric
Transducer



HE-67S3
Humidity
Sensor



Control up to three applications simultaneously with System 450.

System 450 modules can be used as standalone devices, or in conjunction with expansion modules, to control a wide range of single-stage, multi-stage, and proportional refrigeration, HVAC and industrial applications. With System 450, each control module accepts up to three inputs configurable for humidity, temperature or pressure applications. That means that a system can control humidity, temperature and pressure, or any combination of the three.

Typical temperature applications include heating and cooling control, stage boiler control and boiler circulating pump control. Pressure applications include condenser fan control and constant air velocity control. Humidity applications include clean rooms, computer rooms and pharmaceutical manufacturing.

Because System 450 can handle up to three applications simultaneously, it's easier to control rooms with multiple conditions like wine cellars, greenhouses, swimming pools and spas.

Get more with less and with greater accuracy.

- Up to three inputs per control provide flexibility and reduce number of controls required, creating a smaller carbon footprint
- Factory default settings for selected sensor
- Easy to read backlit LCD and four-button touch pad
- Up to ten stages of control
- A total of nine System 450 modules replace 80 System 350™ modules, which means fewer parts to order and stock
- UL, cUL, CE, C-Tick, RoHS compliant
- Universal modules include:
 - C450CBN-1 single relay control module with LCD
 - C450CCN-1 dual relay control module with LCD
 - C450CPN-1 PI analog output module with LCD
 - C450SBN-1 single relay expansion module
 - C450SCN-1 dual relay expansion module
 - C450SPN-1 PI analog output expansion module