



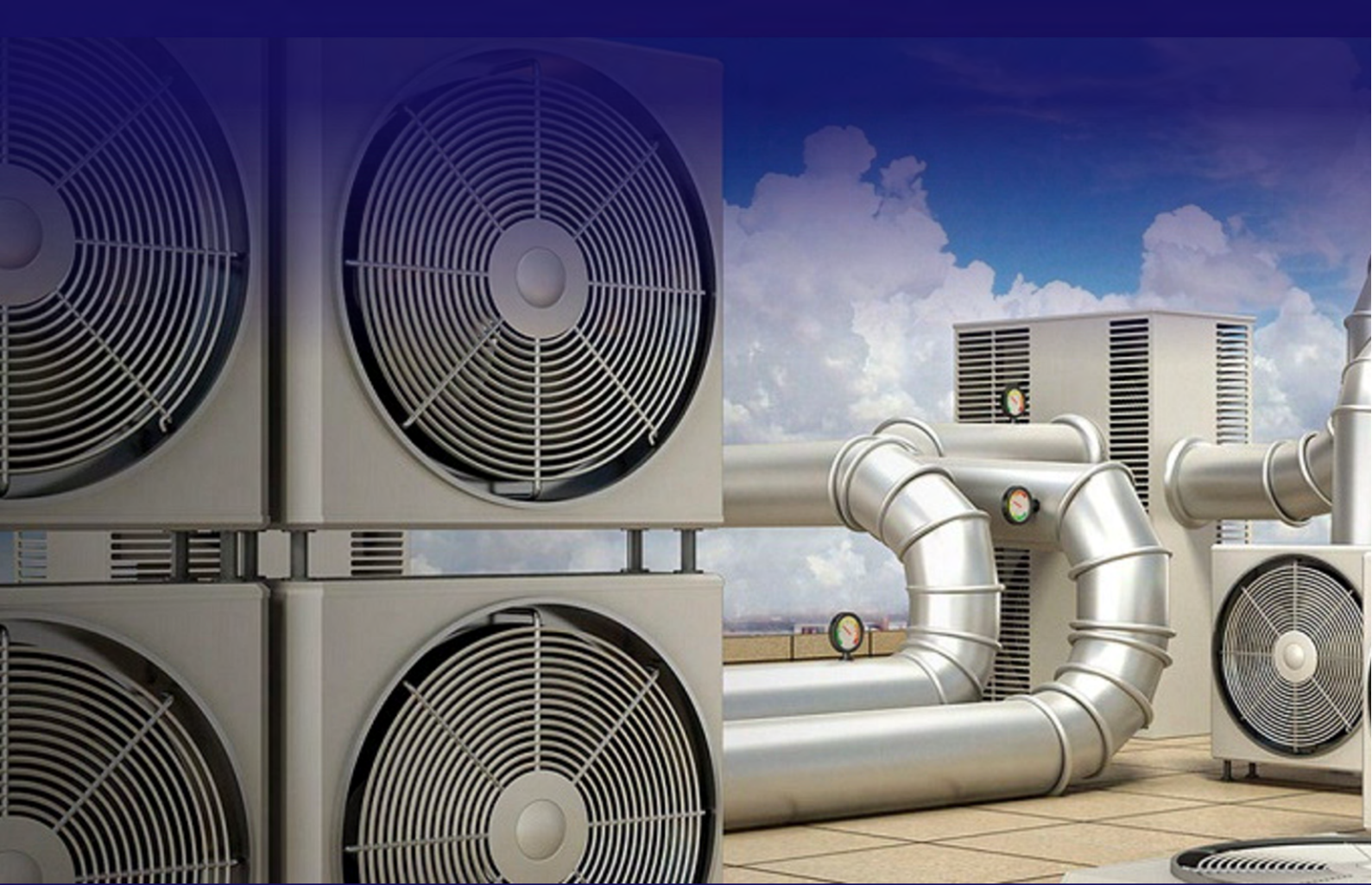
# HVAC Thyristor Controllers

*Precision Power Control for Efficient Heating, Ventilation & Air Conditioning*



**united  
automation**





## Enhance Efficiency with United Automation's HVAC Thyristor Controllers

Since 1964, United Automation has been a leader in designing and manufacturing high-quality industrial power control products. With a focus on innovation and reliability, we offer a wide range of solutions including Thyristor Controllers, Infrared Heating Controllers, HVAC Controllers, and more. Our products are trusted globally across various industries, with over 1 million units sold annually. Backed by 60 years of experience, we continue to uphold the values of quality, customer satisfaction, and cutting-edge technology in power control solutions.

Our HVAC Thyristor Controllers ensure precise, efficient power regulation for heating, ventilation, and air conditioning systems, providing energy savings, enhanced system longevity, and seamless integration with existing HVAC systems.

# Why Choose United Automation's HVAC Thyristor Controllers?

## 1. Energy Efficiency

Our controllers modulate power accurately, ensuring that HVAC systems consume only the energy needed. This reduces waste and lowers overall energy costs.

## 2. Enhanced System Longevity

By regulating the flow of power to heating elements and fans, our controllers minimise wear and tear, extending the operational life of your equipment.

## 3. Precision Control

Fine-tuned control over temperature and ventilation, ensuring a more comfortable environment while avoiding unnecessary power consumption.

## 4. Reliability

Built with the highest quality components, our Thyristor Controllers guarantee stable performance even in the most demanding environments.

## 5. Simple Integration

Easily integrate our controllers with existing HVAC systems, ensuring seamless operation without the need for costly upgrades.

## 6. Versatility

Suitable for various applications, including commercial buildings, industrial plants, and residential settings.





## APPLICATIONS

United Automation's HVAC Thyristor Controllers can be used in a wide variety of applications, including:

### **Industrial Manufacturing**

Precise heating control in processes requiring consistent temperature management, such as plastic forming and chemical production.

### **Commercial Buildings**

Efficient climate control in offices, retail stores, hospitals, and other public spaces, ensuring optimal comfort with reduced energy costs.

### **Residential Buildings**

High-quality control in home heating and air conditioning systems for improved comfort and lower utility bills.

### **Data Centers**

Maintaining a controlled environment for equipment cooling, ensuring continuous performance and reduced risk of overheating.

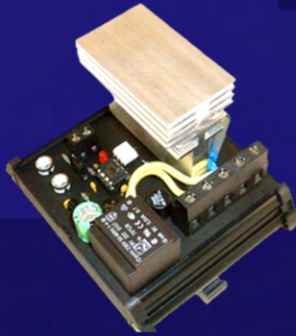
### **Food Processing**

Ensuring precise temperature management in food preparation, storage, and transportation facilities.

# Our Ranges

At United Automation, we provide a comprehensive range of HVAC Thyristor Controllers designed to meet the demands of various applications. Below are some of our key offerings:

## Single Phase - DIN Mounted



**Series: PR1-DIN**

**Rated Current: 2.5kW, 3kW, 4 kW**



**Series: PR1-DIN-F**

**Rated Current: 1.5kW, 3kW**



**Series: PR1-DIN-F**

**Rated Current: 2.5kw, 4kW**



**Series: PR1-DIN-F**

**Rated Current: 6kW**



# Our Ranges

At United Automation, we provide a comprehensive range of HVAC Thyristor Controllers designed to meet the demands of various applications. Below are some of our key offerings:

## Single Phase - Enclosed



**Series: PR1-E**

**Rated Current: 1.5kW, 3kW, 6kW**



**Series: PR1-E**

**Rated Current: 9kW, 12kW, 24kW**

## Three Phase - Open



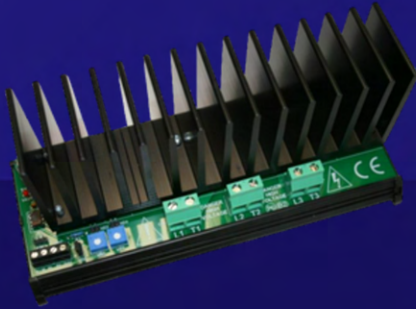
**Series: PR3-0**

**Rated Current: 150kW, 225kW**

# Our Ranges

At United Automation, we provide a comprehensive range of HVAC Thyristor Controllers designed to meet the demands of various applications. Below are some of our key offerings:

## Three Phase - DIN Mounted



**Series: PR3-DIN**

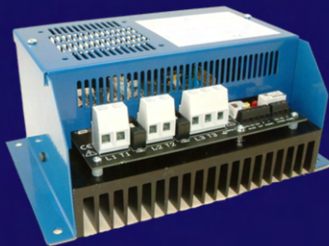
**Rated Current: 12kW, 18kW**

## Three Phase - Enclosed



**Series: PR3-E**

**Rated Current: 86kW, 105kW**



**Series: PR3-E  
S/SP/SPM**

**Rated Current: 12kW, 18kW, 27kW  
30kW**



**Series: PR3-E**

**Rated Current: 150kW, 180kW,  
290kW**

# Our Ranges

At United Automation, we provide a comprehensive range of HVAC Thyristor Controllers designed to meet the demands of various applications. Below are some of our key offerings:

## Three Phase - Enclosed



**Series: PR3-E**

**Rated Current: 36kW, 54kW**



**Series: PR3-E**

**Rated Current: 6kW**

## Custom HVAC Thyristor Controller Solutions

We also offer customised HVAC thyristor controllers tailored to your specific system requirements. With our bespoke design solutions, you can achieve the highest level of precision and efficiency for unique industrial and commercial applications.

For more details on these products, visit [Our Product Page](#)



# Need help deciding?

If you would like additional information, please contact us.



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