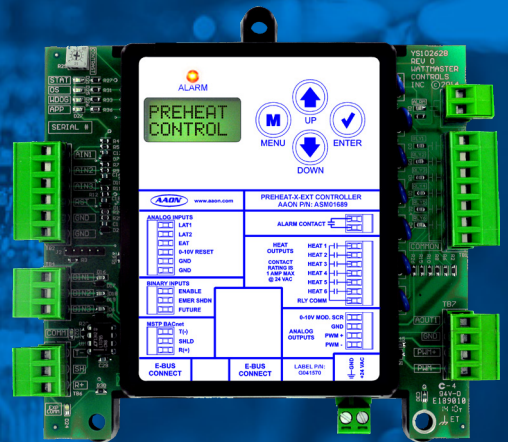




# PREHEAT-X-EXT CONTROLLER ASM01689



Stay in control with customizable control solutions. AAON offers a wide range of control solutions to optimally regulate and monitor the operation of your HVAC systems.

## PHYSICAL

### Configurable Unit Controllers that Can be Used for Multiple Applications

The PREHEAT-X-EXT is designed to control fixed stages of Preheat and optional modulating Preheat to maintain a desired Preheat Leaving Air Temperature Setpoint.

The PREHEAT-X-EXT Module has a lower minimum Leaving Air Temperature Setpoint (0°F). It should only be used with the approval of AAON.

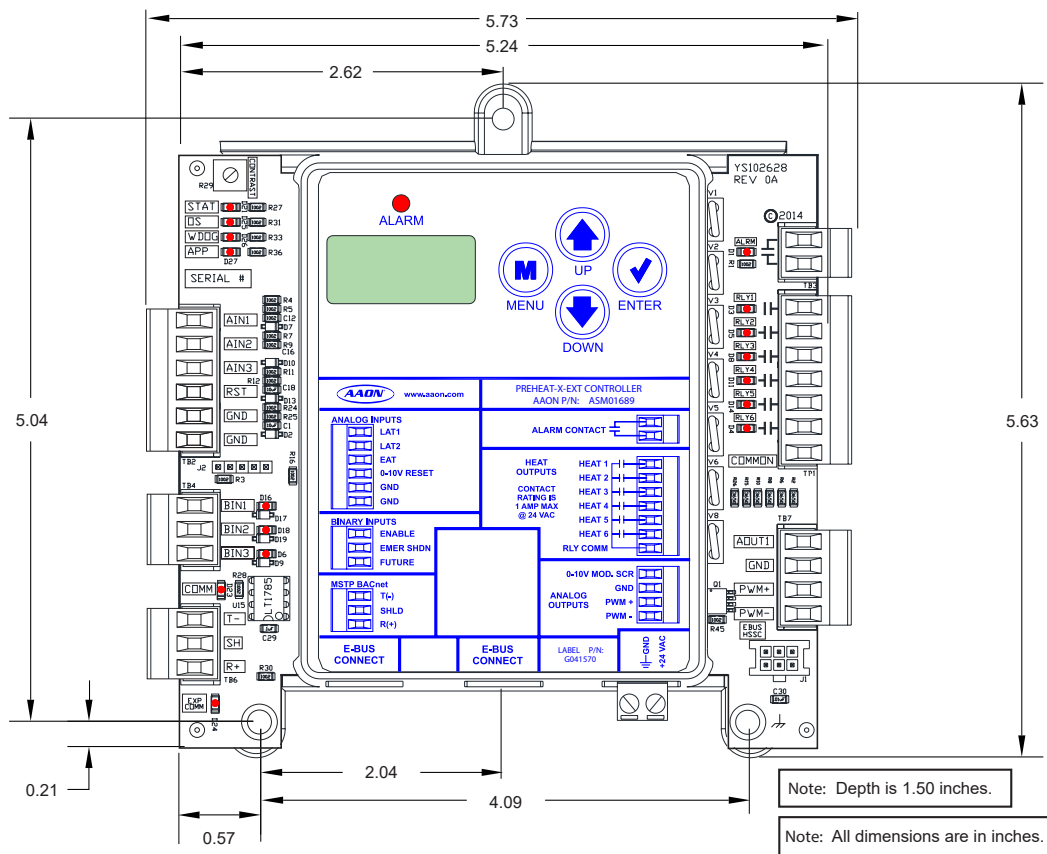
The PREHEAT-X-EXT has the following features:

- Can be operated in Stand-Alone Mode or in Communications Mode with any VCCX Controller
- Monitors the Preheater Leaving Air Temperature and Leaving Air Reset Signal and controls to maintain the setpoint
- Contains a 2 x 8 LCD character display and four buttons that allow for status display and set point changes

### Electrical and Environmental

|                       |  |
|-----------------------|--|
| Operating Power       | 18-30 VAC  |
| Operating Temperature | -30°F to 150°F                                     |
| Power Consumption     | 11 VA Maximum                                      |
| Operating Humidity    | 0-95% RH<br>Non-Condensing                         |
| Communications        | E-BUS,<br>BACnet® MS/TP (in<br>Stand Alone Mode)   |
| Inputs                | 4 Analog Inputs, 3 Binary<br>Inputs (Pre-assigned) |
| Outputs               | 6 Relays, 2 Analog<br>Outputs (Pre-assigned)       |

Contact AAON Support for Technical Assistance  
[www.aaon.com/contact](http://www.aaon.com/contact)



## INSTALLATION

### Mounting

The PREHEAT-X-EXT Controller is housed in a plastic enclosure. It is designed to be mounted using the three mounting holes in the enclosure base and the included mounting screws (#8 x 1" sheet metal screws).

The PREHEAT-X-EXT needs to be installed in an environment which can maintain a temperature range of -22°F to 158°F not to exceed 95% RH levels (Non-Condensing). It is important to mount the device in a location that is free from extreme high or low temperatures, moisture, dust, and dirt. Be careful not to damage the electronic components when mounting the controller.

Scan the code for additional product information

