



# EDGE PLUS TOUCHSCREEN HOT RUNNER TEMPERATURE CONTROL SYSTEM



**2 YEAR WARRANTY**

## HOT RUNNER TEMPERATURE CONTROL SYSTEM

The **EDGE Plus**, utilizing Adaptive Pinpoint Control Technology Algorithms, delivers the ultimate in temperature control capabilities. Available from 12 to 360 zones, modular 15 amp controller cards make servicing easy and reduces downtime significantly. The intuitive 8" or 10.1" high resolution LCD wireless touchscreen interface is simple to navigate and advanced users can take advantage of its extended options. The **EDGE Plus** features Uniform Temperature Rise, T/C Slaving, and Hot-Swappable Control Cards.

## SINGLE ZONE INTEGRITY

System downtime is a major concern for users. Due to this, the **EDGE Plus** has individual zone cards that are completely modular. This allows for instant replacement of the cards in the event of a failure. A failure will only affect one zone since zone cards are individuals, not 2 or 4 zones, like competing units. Individual control cards are independent of the interface system. If failure of the interface occurs, the system will continue to run uninterrupted provided Main Power is not turned off.

## REMOTE INTERFACE MOUNTING

For convenience, the **EDGE Plus** display can be mounted to the cabinet or remotely up to a distance of 30 meters (line of site) from the cabinet. The only requirement is power for the display (120/240VAC).



## GRAPHICAL FEATURES

Zones are represented in a variety of formats, including the standard and global graphical view (allowing most moderate zone count systems to display all zones simultaneously), real-time independent zone graphs, a spreadsheet-like data view and a photo view of the mold allowing data to be superimposed. Zones can be given descriptive names to aid in identification. Controls can be selected/manipulated by a simple touch.

## REMOTE MONITORING VIA WIFI

The **EDGE Plus** features built in wifi that will allow it to connect to a private network (requires user configuration). A computer on the same network can connect and remotely view the status of the system. Note: The remotely connected computer will need to have a small program installed to connect to the **EDGE Plus** (program will be included with the system).

## AUTO MAX HEATER CURRENT DETECTION

Many users do not know the maximum current the mold heaters are rated for. This knowledge is important in order to protect the controllers and the heaters. Configuring the maximum current can be time consuming, and unless the user has the schematics, might not be possible. With the **EDGE Plus**, that is not a problem. The maximum current will be detected and stored in the profile during run time if the setting is enabled. If the controller detects that the heater has exceeded this value, it will go into halt mode and alert the user that it has gone over the rated current.



**Standard View:** Large format for easy reading and information at a glance.



**Global View:** For medium density tools, global view allows up to 72 zones simultaneously.



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