

Digital Temperature Controllers and Custom Solutions

**Dependable Controls for Progressive
Refrigeration and Cooking Applications**



Intermatic.com

lae[®]
by **INTERMATIC**[®]

From commercial kitchens to neighborhood convenience stores, properly managing the refrigeration needs of coolers, chillers and cooking equipment is essential to your success. Even a small oversight can spell disaster and impact monthly operating costs.

LAE by Intermatic Digital Temperature Controllers offer a proven solution for essential refrigeration and cooking needs. Our versatile line of standard controllers delivers seamless integration in panel-mount and split-mount applications. Likewise, a full slate of customization options and deep industry knowledge make us a valuable partner to manufacturers looking to bring their ideas to life with a custom LAE by Intermatic solution.



Limitless Applications

Whether you need help replacing a refrigeration control in a walk-in cooler or integrating a touchscreen display into a new air conditioning system, our team is committed to delivering a stellar solution that's built to last. Our rich technical expertise has helped us support customer success in a wide range of applications for more than 30 years.



Learn more about our full list of products

A Proven Leader in Customization



As a leading manufacturer of customized temperature controls, it's our mission to help customers reach new heights through inventive design and creative integration. We've partnered with some of the most reputable OEMs across the globe to expand functionality and bring fresh innovation to the product development process.

Commercial refrigeration applications are becoming more demanding every day, and it's critical to have a partner who is plugged into the industry landscape and capable of adapting to new challenges. Scan the QR code below to discover just a few of the many ways we can help customize new products and existing controllers.

Customization Options



- ✓ LED, LCD or touchscreen display
- ✓ Relay, SSR, 0-10VDC or 4-24mA outputs
- ✓ Wireless communication (e.g., Bluetooth, LAN)

- ✓ Natural refrigerant
- ✓ Application-specific design
- ✓ Plus many more

By working with LAE by Intermatic, you'll find a partner who delivers the highest quality solutions with a personal, hands-on approach. From initial planning to installation and beyond, our goal is to make the integration of both standard and customized controllers as seamless as possible.

Moreover, our award-winning U.S. based technical support team is available five days a week to answer questions and troubleshoot product issues.

Expanding Connectivity



Suitable for
use R290



Wireless
connection



Bluetooth



Internet of Things

Our team is constantly looking for ways to push the envelope and integrate new technologies, especially when it comes to connectivity and artificial intelligence. By infusing technology into our solutions, we're able to help clients make improvements to their everyday workflows and positively impact their bottom line.

From increasing efficiency with predictive maintenance schedules to avoiding hazardous conditions with real-time monitoring of HACCP logs, our data-driven approach lowers operating costs and enhances user experience. What's more, network connectivity, cloud integration and intuitive multi-platform tools allow clients to access their controllers' programs and reporting from any smartphone, tablet or PC while on the move.



Reliable Solutions for Everyday Needs



AT1-5 / AT2-5 (Panel-Mount Controllers)

Compact and capable, panel-mounted controllers provide excellent control options in a small package. AT1-5 and AT2-5 models are economical solutions for medium-temperature and low-temperature refrigerated cases, as well as standalone refrigerated display cases.



BIT25 / BR1-28 / BD1-28 (Split Controllers)

Designed to excel in more demanding applications, split controllers provide additional control options for more complex equipment. Split controllers can be mounted to a wiring chase or with the refrigeration equipment, eliminating the need for long runs of control wiring.



Features

Common Footprint – 71mm x 29mm design fits industry standard component port in refrigerated cases

Code Compliant – Meets UL 60730, CE and NSF requirements

Quick Programming – Simple interface makes it easy to copy parameters from one controller to another

Built-in Alarm – Alert users to a variety of conditions, including high temperature and open door

Defrost Options – Off-cycle, electric or hot gas defrost capable

Benefits

Lasting Durability – Rigorous manufacturing practices support limited maintenance, long-term value*

Turnkey Replacement – A quick-to-install replacement component for heating and cooling equipment*

Broad Application – Temperature controllers can accommodate a wide range of heating and cooling needs

**NOTE: Must insure relay contact ratings are compatible with equipment loads.*

Panel-Mount / Split Controllers Selection Chart

Please scan QR code inside for detailed information on our full list of controllers.



		Panel-Mount		Split		
Features		AT1-5	AT2-5	BIT25	BD1-28	BR1-28
Temperature Inputs	Space	✓	✓	✓	✓	✓
	Evaporator	✓	✓	✓	✓	✓
	Auxiliary				✓	✓
Digital Inputs		1	1	2	3	3
Outputs	Compressor/LLS	✓	✓	✓	✓	✓
	Evaporator fans		✓		✓	✓
	Defrost		✓		✓	✓
	Auxiliary 1	✓		✓	✓	✓
	Auxiliary 2			✓	✓	✓
Real-Time Clock						✓
Defrost Types	Off-Cycle	✓	✓	✓	✓	✓
	Electric		✓	✓	✓	✓
	Hot Gas		✓	✓	✓	✓



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