

# Standard Refrigeration Controllers



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.

## 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



Suitable for use R290



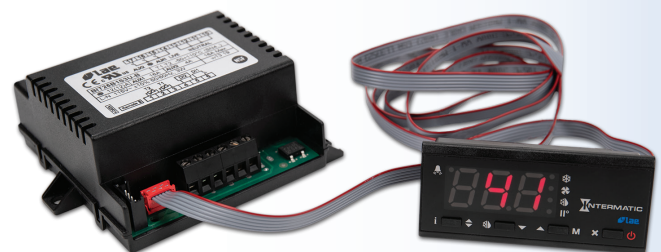
## AT1-5 / AT2-5 (Panel-Mount Controllers)

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.



Whether you need help replacing a refrigeration control in a walk-in cooler or integrating a controller into a reach-in cooler, 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.

Ready to upgrade your refrigeration controllers with the **LAE** family of products?

Learn more at [Intermatic.com/LAE](http://Intermatic.com/LAE)



## Panel-Mount / Split Controllers Selection Chart

		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		✓	✓	✓	✓

## Competitive Comparisons

Carel	Eliwell	Dixell	Full Gauge	Danfoss	AKO	LAE Equivalent
PJ32S1P10H	EW11YI0XB4A04	XR02CX-4N713	MT512Ri	EKC102	AKO-D14120	AT1-5AS5U-BGI
PZD4S0P101	EW17YI0XB4A04					
	EWPLUS902-115					
	EWPLUS961-115					
PJ32S1P10H	EW11YI0XB4B04	XR02CX-5N713		EKC102	AKO-D14123	AT1-5AS5E-GI
PZD4S0P001	EW17YI0XB4B04	XR20CX-5N713				
PZD3SNP0E1	EWPLUS902-230					
IR33W7LR20	EWPLUS961-230					
IR33F0EN0H	EW29YI0XC4A04	XR06CX-4N0C1	TC900Ri	EKC102D	AKO-D14320	AT2-5BS4U-BGI
PZD4C0H101	EW2EYI0XC4A04					
	EWPLUS971-115					
IR33F0EN0H	EW2EYI0XC4B04	XR06CX-4N0C1		EKC102B	AKO-D14323	AT2-5BS4E-GI
PZD4C0H101	EWPLUS974-115	XR50C-4N0C1				
PJEZC00000	EWPLUS974-230	XR60C-4N0C1				
PJEZC0M00						
	IC11C00TCD400	XR10CX	MT512RiL	EKC201	AKO-D14112	AT1-5AS5L-BGI
	IC11C00TCF400	XR20CX-5N713				
PJEZY00000	EW29YI0XC4B04	XR40CX-5N0C0	MT516Ri	EKC102C	AKO-D14223	AT1-5BS6E-BGI
PJEZS0G000	EWPLUS971-230	XR30C-5N0C0	MT518Ri			
PZHXS0G100		XR35C-5N0C0				
		XR40C-5N0C0				



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