

# ELECTRONIC DEFROST TIMER

## PARAGON ERC248

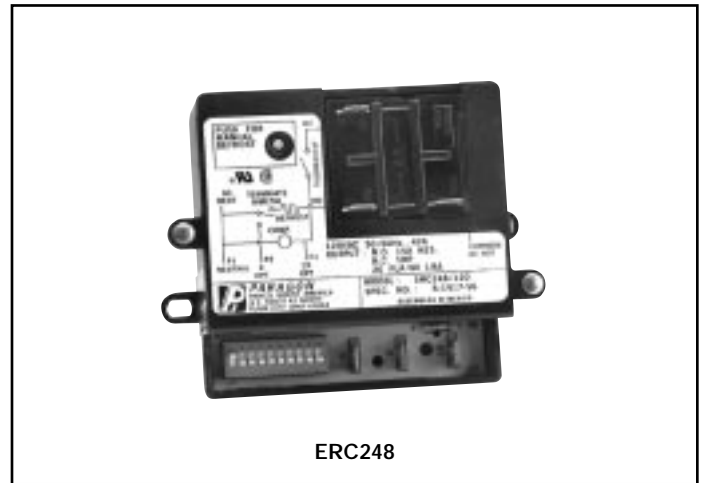
The Paragon ERC248 Electronic Defrost Timer is designed to control the timing of defrost cycles in commercial refrigeration applications. It provides a user-selectable choice of defrost timing methods, either timed intervals (adjustable from 2 to 48 hours) or accumulated compressor run time. Defrost duration times are adjustable from 1 to 63 minutes. All settings are made using easily accessible DIP switch settings. In addition, manual defrost can be initiated using the push button located on the front panel of the control. An LED on the panel indicates when the defrost cycle is taking place.

### SPECIFICATIONS

Maximum Power Consumption	4VA
Output Relay Ratings (SPDT)	NO: 15 A Resistive @ 120 VAC 25 A Resistive @ 208-240 VAC NC: 1 hp @ 120 VAC 1.75 hp @ 208 VAC 2 hp @ 240 VAC 20 FLA/80 LRA @ 120 / 208 / 240 VAC
NEMA Terminals	NEMA 1/4" quick connects
Dimensions	3.12"W x 3.12"H x 1.52"D
Agency Certifications:	UL, CSA

### ORDERING DATA

UNI-LINE ORDER NO.	INPUT POWER
ERC248-00	120 VAC 50/60 Hz (+10, -15%)
ERC248-20	208-240 VAC 50/60 Hz (+10, -15%)



ERC248

### FEATURES

### BENEFITS

- Compact Design ..... *Easy to install when space is limited*
- Simple Selectable Settings..... *Defrost interval from 2 to 48 hrs  
Defrost duration from 1 to 63 minutes  
50 or 60 Hz operation*
- Two Defrost Types..... *Timed interval  
Accumulated compressor run time*
- Defrost Termination ..... *Temperature (requires external thermostat)  
Pressure (requires external pressure switch)  
Time duration only*
- Time Backup Feature..... *Terminates the defrost based on time in case  
the external termination device does not function*
- Manual Defrost Option..... *Pushbutton initiates manual defrost if needed*
- Microprocessor-Based  
Electronics..... *High reliability and accuracy  
Long life at low cost*

### DIMENSIONS

