

<http://waterheatertimer.org/Paragon-timers-and-manuals.html>

## INTERVAL TIMERS

Energy control meets economy with Paragon's ET Series of Electronic Light Switch Timers. Ideal when lights are needlessly left on or forgotten, the ET Series offers a complete solution superior to occupancy sensors. Simply set the dial for the amount of time the lights are to be left ON, from 1 minute to 18 hours, and the lights will go OFF automatically when that time expires.

The ET Series is a family of 10 different models, designed to meet incandescent, fluorescent and diverse voltages.

### FEATURES & BENEFITS:

- ▶ Fast, easy, low-cost installation saves contractors time and money.
- ▶ Simple setting requires no technical expertise.
- ▶ Guaranteed lighting shut-off ensures lower utility bills.
- ▶ Designed with a warning flicker before lights turn OFF, allowing ample time to manually reset the timer.
- ▶ Hidden dial makes timer tamper-proof.
- ▶ Design allows timer to fit in single, double or multi-gang decorator wall plates.
- ▶ "T" setting allows 15-second test mode.
- ▶ Switches available in white or ivory to match any décor.
- ▶ 3-way switching available.
- ▶ UL and CSA listed means quality and durability are built into every time control.



### WHY ▶ *Specify Paragon*

Since 1903, Paragon has been the leader in time and process control technology. As inventor of the 24-hour time switch, Paragon's heritage of patents, unparalleled quality and solutions-driven innovations have made us one of the most recognized names in time control products.

## PHYSICAL

Color of Toggle Switch Ivory (standard), White (optional)  
 Weight 4.23 lbs.  
 Dimensions Width 1.74" (4.4 cm), Height 2.79" (7.1 cm), Depth 1.32" (3.4 cm)  
 Agency Recognition Timer is UL listed and CSA certified.

## ENVIRONMENTAL

Operating Temperature 0° F to 104° F  
 Operating Humidity 90% RH-non-condensing  
 The ET should be mounted in a single gang or multiple gang wall box, in an environment that is free of excessive contaminants such as oil, grease, dirt, etc.

## HOW TO SPECIFY

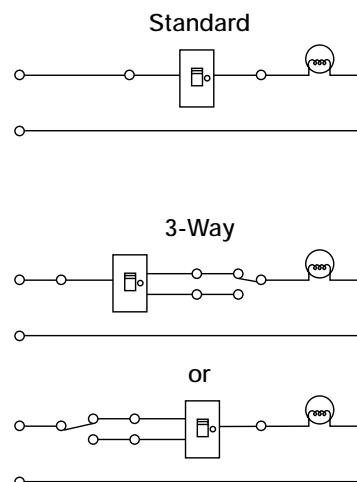
Installer shall furnish and install Paragon ET Series Electronic Light Switch Timer. Timer shall be solid state with adjustable time range from 1 minute to 18 hours. The control shall be tamper-proof with out-of-sight programming dial and shall operate from 24 Vac to 277 Vac. The control shall be rated to switch up to 1100 watts (ET1100, ET1100/3WAY), or 2000 watts (ET2000). The control shall be capable of operating between 24 Vac and 277 Vac. The control (ET1100/3WAY & ET1100F/3WAY) shall be capable of controlling 3-way switching applications. The control (ET1100F, ET1100F/3WAY, ET2000F) shall be capable of providing a warning flicker to signal the end of ON time.

## ELECTRICAL SPECIFICATIONS

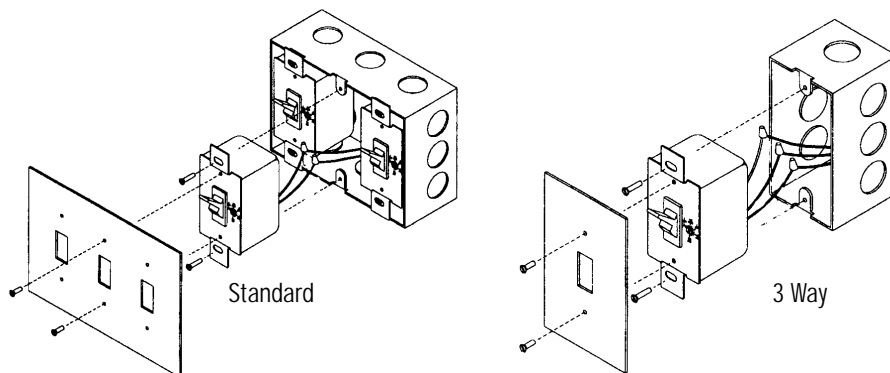
| Model No.    | Output Switch Configuration | For ALL Models Ratings Min./Max. | For ALL Models Resistive Load (PF=1) Power Ratings Min./Max. |                 |
|--------------|-----------------------------|----------------------------------|--|-----------------|
|              |                             |                                  | Voltage  | Power           |
| ET1100       | SPST                        | 0.25-4.00 A Resistive            | 24V  | 6-96 Watts      |
| ET1100F      | SPST                        | 0.25-4.00 A Ballast              | 120V   | 30-480 Watts    |
| ET1100/W     | SPST                        | 0.25-4.00 A Tungsten             | 208V   | 50-830 Watts    |
| ET1100F/W    | SPST                        | 1/8 Hp @ 120V                    | 240V   | 60-960 Watts    |
|              |                             | 1/3 Hp @ 240V                    | 277V   | 70-1,100 Watts  |
| ET1100/3WAY  | SPDT Toggle                 | 0.25-4.00 A Resistive            | 24V  | 6-96 Watts      |
| ET1100F/3WAY | SPDT Toggle                 | 0.25-4.00 A Ballast              | 120V   | 30-480 Watts    |
|              |                             | 0.25-4.00 A Tungsten             | 208V   | 50-830 Watts    |
|              |                             | 1/8 Hp @ 120V                    | 240V   | 60-960 Watts    |
|              |                             | 1/3 Hp @ 240V                    | 277V   | 70-1,100 Watts  |
| ET2000       | SPST Toggle                 | 0.75-7.25 A Resistive            | 24V  | 18-174 Watts    |
| ET2000F      | SPST Toggle                 | 0.75-7.25 A Ballast              | 120V   | 90-870 Watts    |
| ET2000/W     | SPST Toggle                 | 0.75-4.00 A Tungsten             | 208V   | 150-1,500 Watts |
| ET2000F/W    | SPST Toggle                 | 1/6 Hp @ 120V                    | 240V   | 180-1,740 Watts |
|              |                             | 1/2 Hp @ 240V                    | 277V   | 210-2,000 Watts |

- F indicates warning flicker feature to signal the end of ON time. The warning flicker will turn lights OFF for two 1/2 second intervals beginning approximately three (3) minutes prior to timing out.
- 3WAY indicates 3-way switching capability.
- W indicates white toggle switch (ivory is standard).

## TYPICAL WIRING DIAGRAMS



## INSTALLATION DIAGRAMS



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Part Number 150-1456