

# Water Heater Time Switches

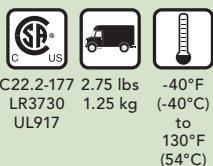


T104-20



WH40

The "LITTLE GRAY BOX"®



C22.2-177 2.75 lbs -40°F  
LR3730 1.25 kg (-40°C)  
UL917 to 130°F  
(54°C)



EH10  
EH40

## Mechanical Water Heater Timers

Utilities in many areas of the country offer two electric rates for residential or commercial customers. One rate has the regular daytime electrical rate, the other is the "off-peak" rate. The "off-peak" rate provides customers with "lower-priced" electricity during the nighttime and weekend periods. These time switches allow the customer to shift electricity use into these "off-peak" time periods in an attempt to save utility costs.

### Features

- Convenient external override switch (WH40 only)

### Applications

Water Heater Control for:

- Residential
- Commercial
- Industrial
- Institutional/Schools
- Military Facilities

### Specifications:

**Enclosure:** NEMA 1 Rated Indoor steel in gray finish.

Spring hasp, with hole for lock, holds permanently attached, side hinged door closed.

Three mounting holes on back plus handy box mounting holes.

7¾ in. (19.7 cm) H x 5 in. (12.7 cm) W x 3 in. (7.6 cm) D

**Knockouts:** Combination ½ – ¾ in. nominal knockouts, one on back and each side of enclosure and two on bottom.

**Replacement Motors:** See page 158 for available clock motors.

**Switch Rating:** 10,000 W (40 amp) Max 250 volt, 60 Hz.

Model #	Switch	Clock Supply Volts AC 60 Hz	Watts	External Switch	Amps/Pole
T104-20	DPST	208, 240	10000	No	40
WH40	DPST	240	10000	Yes	40

For additional trippers (1 ON/1 OFF per pack), order No. 156T1978A.

## Electronic Water Heater Timers

These time switches provide automatic control for electric water heaters. They provide to-the-minute accuracy in programming and time keeping. The time switches can be programmed for repeat daily scheduling, 5-day working week scheduling, weekend scheduling or any individual day scheduling. Timers can be scheduled for operation during the lowest time-of-day rates or to switch off the electric heater during period of utilities peak power usage. The time switches can be set to operate for up to 6 ON/OFF operations daily for a maximum of 42 ON/OFF operations weekly. Both models provide a convenient external override switch and LED load indicator for ease in scheduling hot water as required for extra hot water demands. The timers include a "AA" alkaline battery carryover which protects both time keeping and program information for a minimum of 3 years.

### Specifications:

**Switch Rating:** 30 Amp Resistive or Inductive 120-240 VAC; 1 HP, 120 VAC; 1½ HP, 240 VAC; 5 Amp Tungsten, 120-240 VAC.

**Enclosure:** Same as T104-20 above.

Model #	Switch	Clock Supply Volts AC 50/60 Hz Operation	Watts	External Switch	Amps/Pole
EH10	SPST	120	3600	Yes	30
EH40	DPST	240	7200	Yes	30