

# V45000 Series Astronomic Dial Time Switches with Skipper



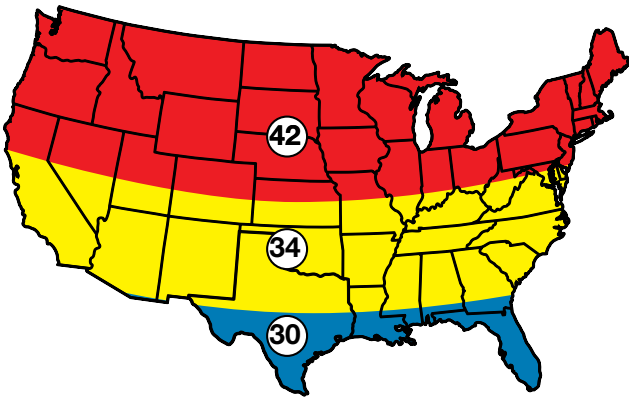
- Adjusts for seasonal changes
- 3PST switch configuration
- Three Skipper screws furnished
- Independent clock motor terminals
- Only one hour required to rewind the carryover for every two hours of outage

30° Latitude		
Model #	Carryover	VAC 60 Hz
V45472CR30	Yes	120
V45472CR30	Yes	208-277
V45471R30	No	120
V45472R30	No	208-277
34° Latitude		
Model #	Carryover	VAC 60 Hz
V45471CR34	Yes	120
V45472CR34	Yes	208-277
V45471R34	No	120
V45472R34	No	208-277
42° Latitude		
Model #	Carryover	VAC 60 Hz
V45471CR42	Yes	120
V45472CR42	Yes	208-277
C. V45471R42	No	120
V45472R42	No	208-277

**Ratings:**  
**Enclosure:** Type 3R rated steel, gray finish with hasp, with hole for lock, holds permanently attached, side hinged door closed. Mounting bracket plus two holes below switch on back for mounting. Separate grounding terminal. 8 1/4" (20.95 cm) H x 5 1/4" (13.34 cm) W x 4 3/4" (12.07 cm) D  
**Knockouts:** Combination 1/2" - 3/4" nominal knockouts, one on back and each side of enclosure and two on bottom.  
**Switch Rating:** Each pole 40 A Resistive 120-277 VAC, 40 A Tungsten 120 VAC, 690 VA Pilot Duty 120-277 VAC, 1 HP, 120-277 VAC, 5 HP, 240 VAC  
**Operating Temperature:** 32°F to 104°F (0°C to 40°C)  
**Warranty:** 1 year



C.



**Ordering Guidelines:** See map to find your latitude zone. Add the zone to the end of the model number. For example: If you are in Zone 42 (Red), the order number is V45471CR42.

# T104-20, WH21 and WH40 Mechanical Water Heater Time Switches



- Three sets of ON/OFF trippers
- Enables shifting electricity use into off-peak hours to reduce energy costs
- Convenient external override switch (WH40 and WH21 models)

Model #	Switch Type	Clock Motor		Amps per pole	Watts Resistive	External Override
		VAC	Cycle			
T104-20	DPST	208-240	60	40	10000	No
WH21	SPST	208-240	60	25	6250	Yes
D. WH40	DPST	208-240	60	40	10000	Yes

**Ratings:**  
**Enclosure:** Type 1 Indoor Steel  
**Power Consumption:** 3 W max.  
**Operating Temperature Range:** -40°F to 130°F (-40°C to 54°C)  
**Warranty:** 1 year



D.