

**Electromechanical Time Switch** - 24 Hour 120-240V Water Heater Timer with Battery Backup and Auto-voltage, 40A SPDT/DPDT, Type 3R Indoor/Outdoor Plastic Enclosure

Item WHAVQ4



**PRODUCT DESCRIPTION**

WHAVQ Series Water Heater Timers are designed for control of residential or commercial electric water heaters up to 10,000 Watts capacity running at 240 VAC. The unit is mounted in a UL Type 3R Outdoor enclosure and can be placed in basements or mechanical rooms.

**FEATURES**

- ▶ 40 A rating
- ▶ Self-recharging battery backup with 7-day carry-over
- ▶ Captive trippers - cannot be lost
- ▶ 24-hour or 7-day models available
- ▶ Three-way ON/OFF/AUTO manual override
- ▶ Power and status LED indicators
- ▶ Rainproof UL Type 3R enclosure
- ▶ Saves energy by shutting water heaters OFF during "off peak periods"
- ▶ Auto-voltage selection 120-240 VAC
- ▶ Easy-to-read clock face

**APPLICATIONS**

- ▶ Water Heater Control

**TECHNICAL DATA**

General	
Model Number	WHAVQ4
Description	24 Hour 120-240V Water Heater Timer with Battery Backup and Auto-voltage, 40A SPDT/DPDT, Type 3R Indoor/Outdoor Plastic Enclosure
UPC Code	078275140998
Brand	Domestic Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited
Control Specifications	
Maximum ON/OFF Operations	48
Operation Mode	24 hour
Backup Type	72-hour Carry-over; Battery; Self-recharging
Backup Protection Time	72 Hours
Battery Service Type	Non-Replaceable
Mechanism Type	Analog/Mechanical
Has Captive Trippers	Yes
Has Override Switch	Yes
Has Real-time Clock Face	Yes
Mechanical Specifications	
Enclosure Type	Indoor/outdoor type 3R plastic
Number of Trippers Included	96

Dimensions	
Wire Size Max	#8 AWG
Material Specifications	
Color	Gray
Load Ratings	
Tungsten (NO) Load Ratings	15 A, 120 VAC, 50 Hz; 15 A, 120 VAC, 60 Hz
Switch Rating For NO	40 A Resistive, 250 VAC, 10,000 W
Switch Rating For NC	30 A Resistive, 250 VAC, 7500 W
Motor Load Ratings NC Ranges	1 HP, 12 FLA, 30 LRA @ 120 VAC; 2 HP, 10 FLA, 30 LRA @ 240 VAC
Motor Load Ratings NO Ranges	1 HP, 16 FLA, 90 LRA @120 VAC; 2 HP, 12 FLA, 52 LRA @ 208-277 VAC
Electrical Specifications	
Voltage Selection Type	Auto-Voltage
Wiring Option	Screw box lug
Input Voltage Range(s)	120-240 VAC, 50/60 Hz
Switch Type	40 A, DPDT
Switch Configuration	DPDT (2 NO and 2 NC contacts)
Electrical Life	50,000 operations at full load
Hz	50/60
Packaging	
Shipping Weight (lbs)	1.9
Unit Carton Dimensions (H x W x L) in	9.125 x 3 x 6.75 in
Environmental Specifications	
Operating Humidity	0-95% RH, Non-condensing
Temperature (operation)	-4 °F to 104 °F / (-20 °C to 40 °C)
Standards and Certifications	
UL Certification	cULus
Other Certifications and Compatibilities	Green Energy
California Proposition 65	None
RoHS Certification	Y