

<http://waterheatertimer.org/Intermatic-timers-and-manuals.html#WHQ>

WHQ Series

Multi-Voltage Electric Water Heater Timers

The Grässlin WHQ Series Electric Water Heater Time Switches significantly reduce the annual cost of operating electric water heaters. The time switch is a universal electromechanical controller, which can be field-configured for various power supply voltages capable of operating residential, commercial, and industrial water heaters with a maximum 10,000 watt capacity.

Features

- Real clock face
- Captive trippers – cannot be lost
- 24-Hour / Skip-a-Day / 7-Day programming
- Manual 3-way override
- Power and status LED indicators
- Battery backup
- Raintight UL Type 3R enclosure
- Easy multi-voltage field-adjustable DIP switch
- Saves energy by shutting hot water heaters off during “off peak periods”
- 7-Day model - Title 24 listed

Ratings

Enclosure Dimensions: 8.795" H x 6.631" W x 2.935" D

Supply Voltage: 120-208/240 or 277 VAC

Switch Rating:

N.O. Contacts 40A Resistive @ 250 VAC 10,000 watts

N.C. Contacts 30A Resistive @ 250 VAC 7,500 watts

Wiring Connections: Screw box lug terminals

Environmental Ratings:

Operating Temperature: – 4°F to 104°F (-20°C to 40°C)

Operating Humidity: 0 to 95% RH, non-condensing

Electrical Life: 50,000 operations at full load

Switch Configuration: DPDT (2-N.O. and 2-N.C. contacts)

Reserve Carryover: 7-Day battery backup

Shipping Weight: 3 lbs.

Warrenty: Limited 1 year



Model Number	Voltage	Output	Timing
WHQ4	120/208-240 OR 277 VAC, 60 Hz	40A DPDT	24-Hour with battery backup
WHQ7	120/208-240 OR 277 VAC, 60 Hz	40A DPDT	7-Day (Skip-a-Day) with battery backup

Specification

Furnish and install a Grässlin WHQ___ electric water heater time switch with captive trippers and quartz (battery backup) drive. Input voltage shall be 120-208/240 or 277 VAC on all models. Contacts shall be (DPDT) rated at 40A, 10,000 Watts @ 250 VAC. To set starting time and to provide time indication, the unit shall have an authentic clock face with hour and minute hands. Enclosure shall be UL Type 3R rainproof. The time switch shall contain a 3-way OFF/AUTO/ON manual override.

Diagrams

