

MODEL: T174CR

24 HOUR DIAL TIME SWITCH WITH "SKIPPER"®

AND SPRING-WOUND CARRY-OVER MOTOR,

DOUBLE POLE SINGLE THROW (DPST)

TYPE 3R RAINPROOF ENCLOSURE

SUITABLE FOR POOL EQUIPMENT CONTROL IF INSTALLED 5 FT. OR MORE

FROM EDGE OF POOL. 40 A RESISTIVE, PER POLE 120-480 VAC, 40 A INDUCTIVE, OR

TUNGSTEN OR 1000 VA PILOT DUTY PER POLE 120-277 VAC; 2 HP (24 FLA) - 120 VAC;

5 HP (28 FLA) - 240 VAC; 16 A ELECTRONIC BALLAST, 277 VAC



UL
HOLOGRAM
LABEL

! WARNING Risk of Fire or Electric Shock

- Disconnect power at the circuit breaker(s) or disconnect switch(es) before installing or servicing.
- Installation and/or wiring must be in accordance with national and local electrical code requirements.
- Use wires rated at least 90°C - COPPER conductors ONLY.
- For outdoor locations, raintight, or wet location, conduit hubs that comply with requirements of UL514B (standard for fittings for conduit and outlet boxes) are to be used.
- Replace plastic insulator covering terminals before powering ON.
- KEEP DOOR CLOSED AT ALL TIMES when not servicing.

! AVERTISSEMENT Risque d'incendie ou de choc électrique

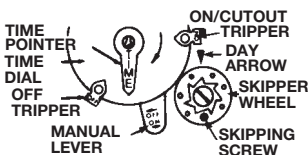
- Utiliser des fils classés 90 °C minimum - Conducteurs en CUIVRE UNIQUEMENT.
- Pour les emplacements extérieurs, étanches à la pluie ou les emplacements mouillés, des entrées de conduit qui sont conformes aux exigences de UL514B (norme pour les pièces de fixation pour conduit et boîtes de sortie) doivent être utilisées

NOTICE

- Rotate timer dial clockwise only.
- Do not move the clock hands on the timer. Moving the clock hands can damage the timer.

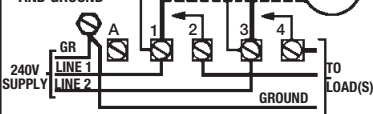
CLOCK MOTOR: 208-277 VAC, 60 HZ.

CLOCK MOTOR VOLTAGE AND CYCLE MUST BE AS SPECIFIED. TO ORDER REPLACEMENT, INDICATE PART NO. (WG--) ON MOTOR COVER.



WIRING DIAGRAM

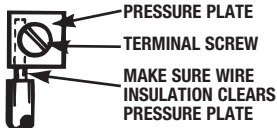
240V 2 WIRE
AND GROUND



277/480 VOLT CONNECT MOTOR LEADS TO TERMINALS "A" AND 1 AND SUPPLY NEUTRAL TO TERMINAL "A".

WIRING INSTRUCTIONS: Remove 1/2 inch of insulation from wire ends. Tighten terminal screws firmly (2-18 in-lbs). Use solid or stranded COPPER conductors only. May use two wires of the same size and type.

MINIMUM COPPER WIRE SIZE (AWG)	MAX. LOAD (AMP)	MIN. INSUL- ATION TEMP(°C)	75°C INSULATION MAX. MOTOR LOAD (HP)			
			SINGLE PHASE		3 PHASE	
			120 V.	240 V.	208 V.	240 V.
14	15	90	1/2	2		
12	20	90	1	2 1/2		
10	30	90	2	3	N/A	N/A
8	40	90	-	5		



PROGRAMMING INSTRUCTIONS

1. TO SET "ON" AND "OFF" TIMES: Hold trippers against edge of CLOCK-DIAL, pointing to time (AM or PM) when ON and OFF operations are desired, tighten tripper screws firmly. For additional tripper pairs on CLOCK-DIAL order 156T1948A.
2. TO SET TIME-OF-DAY: Pull CLOCK-DIAL outward. Turn in either direction and align the exact time-of-day on the CLOCK-DIAL (the time now, when switch is being put into operation) to the pointer. DO NOT MOVE POINTER.
3. TO SKIP OPERATION(S) ON SELECTED DAY(S): Insert SKIPPING SCREW(S) in SKIPPER WHEEL for day(s) automatic operation(s) is/are NOT required. Tighten screws firmly. Move MANUAL LEVER to "OFF" and rotate SKIPPER WHEEL to locate correct day-of-week opposite DAY ARROW--"YESTERDAY" if ON/CUTOUT TRIPPER has not yet advanced wheel "TODAY" if it has.

OPERATING INSTRUCTIONS

- TO OPERATE SWITCH MANUALLY: Move MANUAL LEVER below CLOCK-DIAL left or right as indicated by arrows. This will not effect next operation.
- CAUTION: TO AVOID SLOW SWITCH ACTION FAILURE, DO NOT OPERATE SWITCH MANUALLY NOR PLACE A TRIPPER 4 HOURS PRIOR TO ON/CUTOUT TRIPPER SWITCHING.
- IN CASE OF POWER FAILURE, reset CLOCK-DIAL to proper time-of-day. See programming instructions.

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