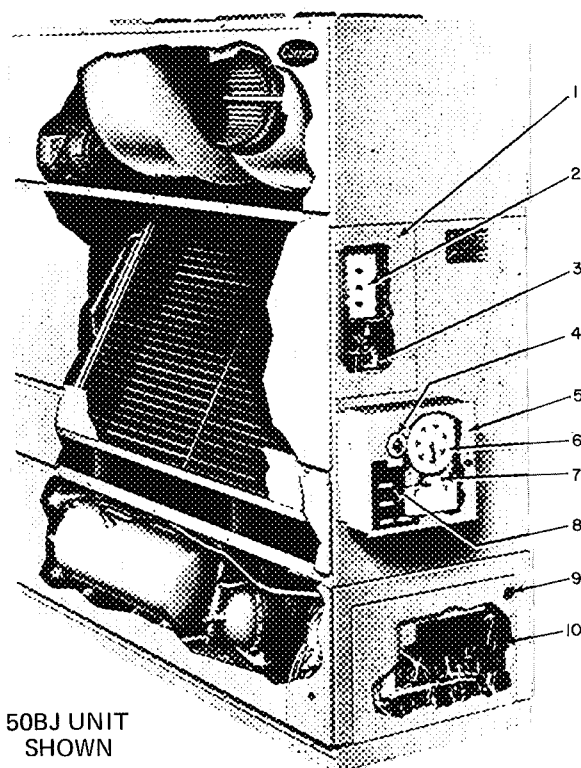


Accessory Timer Control Package (50- and 60-Hertz)



50BJ UNIT
SHOWN

LEGEND

- | | |
|--|-------------------------------|
| 1 – VAV Control Box | 6 – 7-Day Timer Clock |
| 2 – Microprocessor | 7 – Timer Motor ON-OFF Switch |
| 3 – Plug for Accessory Timer Receptacle Conn | 8 – Operation Lights |
| 4 – 5-Hour Bypass Timer | 9 – Unit Fuse |
| 5 – Accessory Timer Control Box | 10 – Unit Control Box |

Fig. 1 – Modu-Vac Control Components

PACKAGE NUMBERS

HERTZ	PART NO.
60	50BJ900001
50	50BJ900011

DESCRIPTION

The accessory timer control consists of a 7-day clock with 10 hour spring carryover, a 5-hour manual bypass timer and 3 operational lights to indicate FAN, SYSTEM-ON and COOLING modes.

Components are enclosed in a zinc-coated steel box painted with modified alkyd enamel. Box is equipped with a screw-hinged access door.

Electrical connection from timer control to the 50BJ,BK unit is made thru a factory-supplied plug-receptacle assembly.

INSTALLATION

Step 1 – Check package contents.

If any items are missing or appear damaged in shipment, notify Carrier immediately.

PACKAGE CONTENTS

Item (Fig. 2)	Description	Qty
1.	Timer Control Box	1
2.	Installation Instructions	1
3.	Pipe Nipple, 1/2-in. x 2 1/2-in. lg	1
4.	Threaded Bushing, 1/2 in.	2
5.	Locknut, 1/2 in.	1
6.	Sheet Metal Screw, #10AB x 1/2-in. lg	6
7.	Wired Receptacle Assembly	1

Item 3 thru 6 are enclosed in a cloth bag for shipment.

Step 2 – Mount control box on unit.

Item numbers refer to package contents above and Fig. 2.

WARNING: Open power disconnect while working on unit.

1. Remove package contents (Item 2 thru 7) from timer control box (Item 1).
2. Remove 7/8-in. diam knockout from rear of control box (Fig. 2).
3. Thread 1/2-in. locknut (Item 5) onto one end of pipe nipple (Item 3).
4. Insert nipple thru knockout in box with locknut outside. Fasten threaded bushing (Item 4) to exposed threads inside control box.
5. Locate the 7/8-in. diam knockout and 4 mounting screw holes on left side of 50BJ,BK unit under the VAV Control Box (Fig. 1). Remove the knockout.
6. Position the timer control box so that pipe nipple projects thru KO opening in unit panel. Fasten box to panel with (4) sheet metal screws provided (Item 6).

Step 4 – Adjust 7-day time clock.

SET ON AND OFF TIMES (Fig. 4)

Fourteen trippers (one set for each of 7 days) are provided. If more than 7 ON-OFF operations per week are required, obtain additional trippers.

1. To set ON (occupied) time, slip an ON tripper over edge of time dial and position it at desired day and time (AM or PM).

NOTE: Dial rotates clockwise when time clock is operating.

2. Hold ON tripper firmly against edge of dial and tighten setting screw by hand. *Do not use pliers.*
3. To set OFF (unoccupied) time, place an OFF tripper over dial edge at time desired for unit to switch off (AM or PM) and tighten setting screw by hand.

NOTE: Minimum time from an ON operation to an OFF operation is 3-1/2 hours and for OFF operation to ON operation, the minimum time is also 3-1/2 hours.

Time clock can be set for up to 3 ON-OFF operations per day or 21 per week. To omit operation, do not place trippers on the dial for that day(s).

SET CORRECT TIME

1. Close unit disconnect and apply power to timer motor by moving manual ON-OFF lever (Fig. 4) to ON position.
2. Turn time dial *clockwise* until the TIMER pointer is aligned with correct day and time. *Do not turn time dial counterclockwise or move TIMER pointer.*

MANUAL OPERATION

During timer OFF (unoccupied) periods, the unit may be operated for up to 5 hours by setting the spring-driven bypass timer located on the timer control box cover (Fig. 1).

POWER INTERRUPTION

The timer clock continues to maintain correct time for up to 10 hours on any loss of electrical power to the unit. No resetting is necessary.

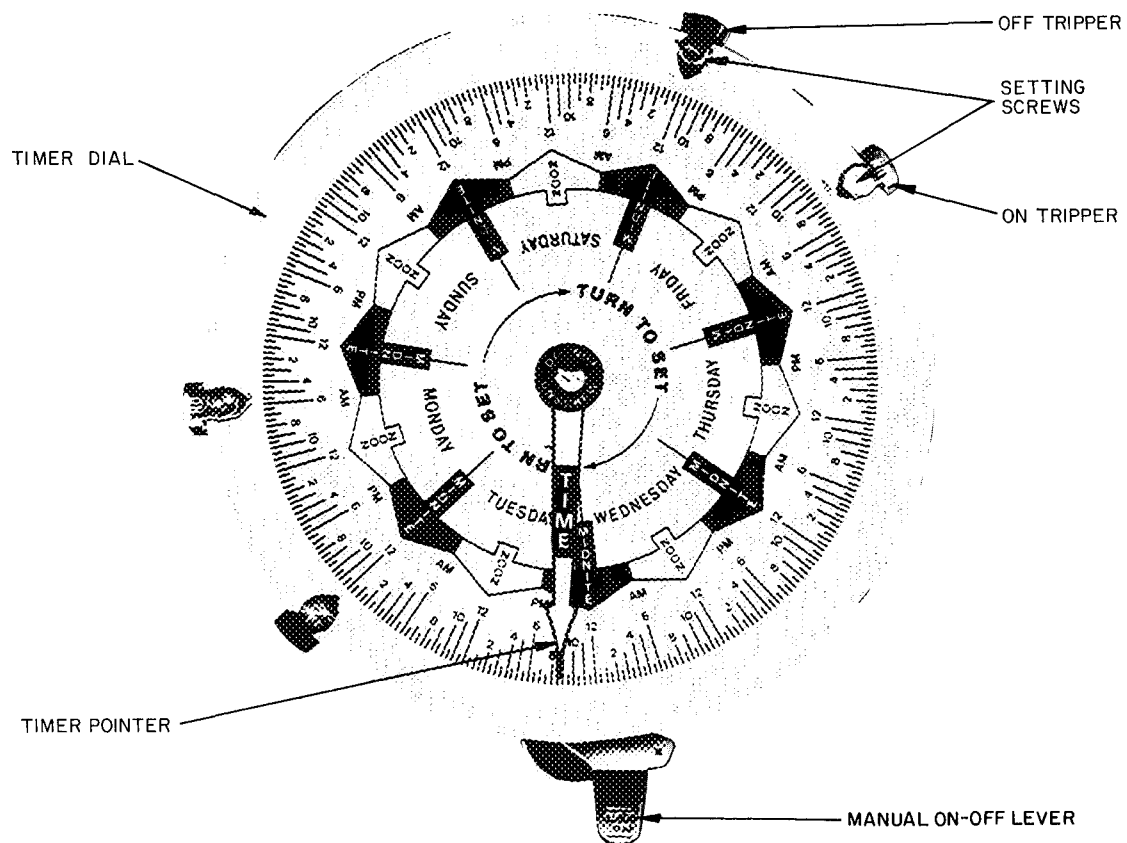


Fig. 4 – Timer Adjustment Details

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

Book	1
Tab	2a

Form 50BJ-1SI New

Printed in U S A

6-81

PC 111

Catalog No 535-000