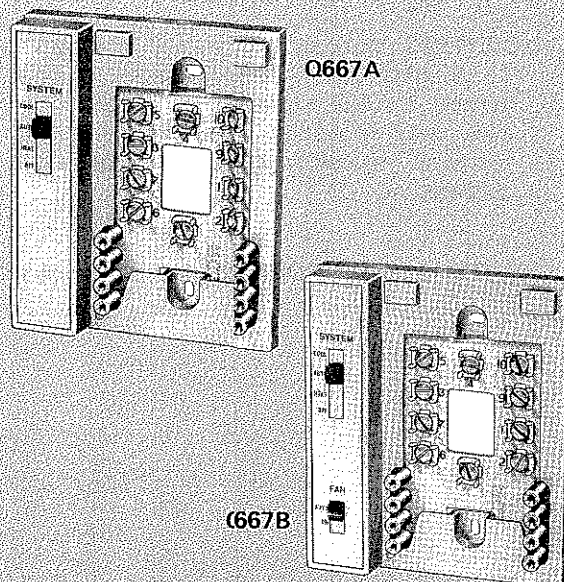


Honeywell

THE Q667 SUBBASES PROVIDE MANUAL SWITCHING FOR T7067 THERMOSTATS.

- Q667A provides HEAT-AUTO-COOL-OFF system switching.
- Q667B provides HEAT-AUTO-COOL-OFF system switching and AUTO-ON fan switching.
- Wiring connections are made to subbase terminals; connections to thermostat are made automatically when thermostat is mounted.
- Subbase mounts on vertical 2 x 4 in. outlet box.

THERMOSTAT SUBBASES



Q667A,B

SPECIFICATIONS

MODELS: Q667 Subbases provide manual switching for the T7067 Electronic Thermostat.

Q667A—provides HEAT-AUTO-COOL-OFF system switching.

Q667B—provides HEAT-AUTO-COOL-OFF system switching and AUTO-ON fan switching.

ELECTRICAL RATINGS:

System switch contacts—1 AFL, 6 ALR at 24V ac;
50 microamps at 1V dc.

Fan switch contacts—1 AFL, 6 ALR at 24V ac.

DIMENSIONS: See Fig. 1.

MOUNTING: Subbase mounts with the two 5/8 in. [15.9 mm] No. 6-32 UNC screws provided on a vertical 2 x 4 in. outlet box. T7067 mounts on subbase with mounting screws which also complete electrical connections between thermostat and subbase.

WIRING CONNECTIONS: Screw terminals on subbase.

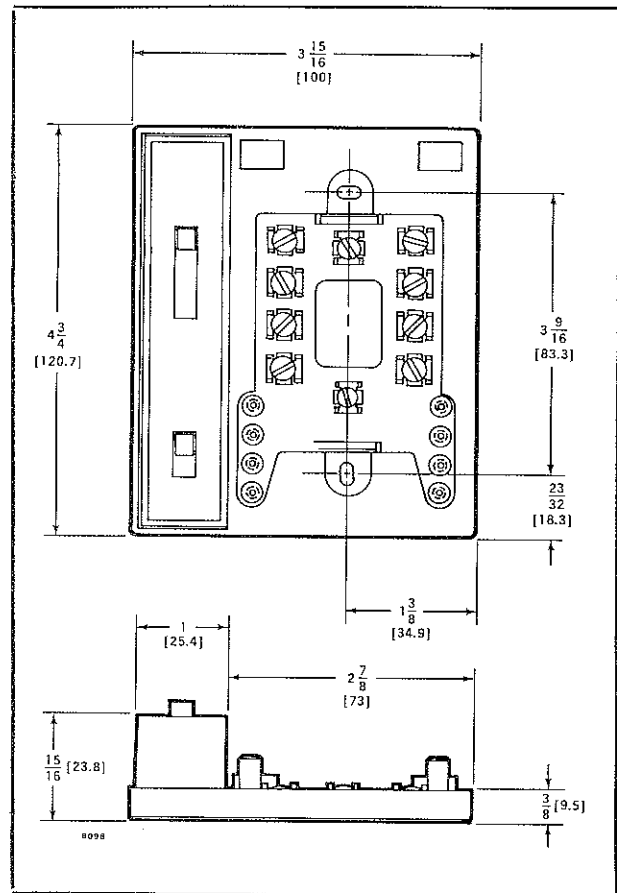


FIG. 1—APPROXIMATE DIMENSIONS IN INCHES [MILLIMETRES] OF Q667 THERMOSTAT SUBBASE.

ORDERING INFORMATION

WHEN PURCHASING REPLACEMENT AND MODERNIZATION PRODUCTS FROM YOUR TRADELINE WHOLESALE OR YOUR DISTRIBUTOR, REFER TO THE PRICE SHEETS FOR COMPLETE ORDERING NUMBER, OR SPECIFY—

1. Order number.

IF YOU HAVE ADDITIONAL QUESTIONS, NEED FURTHER INFORMATION, OR WOULD LIKE TO COMMENT ON OUR PRODUCTS OR SERVICES, PLEASE WRITE OR PHONE:

1. YOUR LOCAL HONEYWELL RESIDENTIAL DIVISION SALES OFFICE (CHECK WHITE PAGES OF PHONE DIRECTORY).
2. RESIDENTIAL DIVISION CUSTOMER SERVICE
HONEYWELL INC., 1885 DOUGLAS DRIVE NORTH
MINNEAPOLIS, MINNESOTA 55422 (612) 542-7500

(IN CANADA—HONEYWELL CONTROLS LIMITED, 740 ELLESMERE ROAD, SCARBOROUGH, ONTARIO M1P 2V9)
INTERNATIONAL SALES AND SERVICE OFFICES IN ALL PRINCIPAL CITIES OF THE WORLD.

INSTALLATION

CAUTION

1. Installer must be a trained, experienced serviceman.
2. Disconnect power supply before making wiring connections to prevent electrical shock or equipment damage.
3. Perform a thorough checkout before leaving installation.

LOCATION

WHEN USED WITH T7067A

Locate the subbase about 5 feet [1.5 metres] above the floor in an area with air circulation at average temperature.

Do not mount where sensing element of thermostat may be affected by—

- drafts, or dead spots behind doors and in corners.
- hot or cold air from ducts.

- radiant heat from the un or appliances.
- concealed pipes and chimneys.
- unheated (uncooled) areas behind the subbase.

WHEN USED WITH T7067B

Choose a location where the thermostat setting will not be subject to unauthorized adjustment.

MOUNTING

Q667 Thermostat Subbase mount on a standard 2 x 4 inch vertical outlet box. The unit is designed for vertical mounting only.

1. Pull the wires from the W973 (and the remote sensor, if used) through the large hole in the subbase.

2. Fasten the subbase to the outlet box using two 5/8 in. [15.9 mm], No. 6-32UNC screws provided. See Fig. 2.

3. Make wiring connection on the subbase, and push excess wire back into the outlet box. See Wiring.

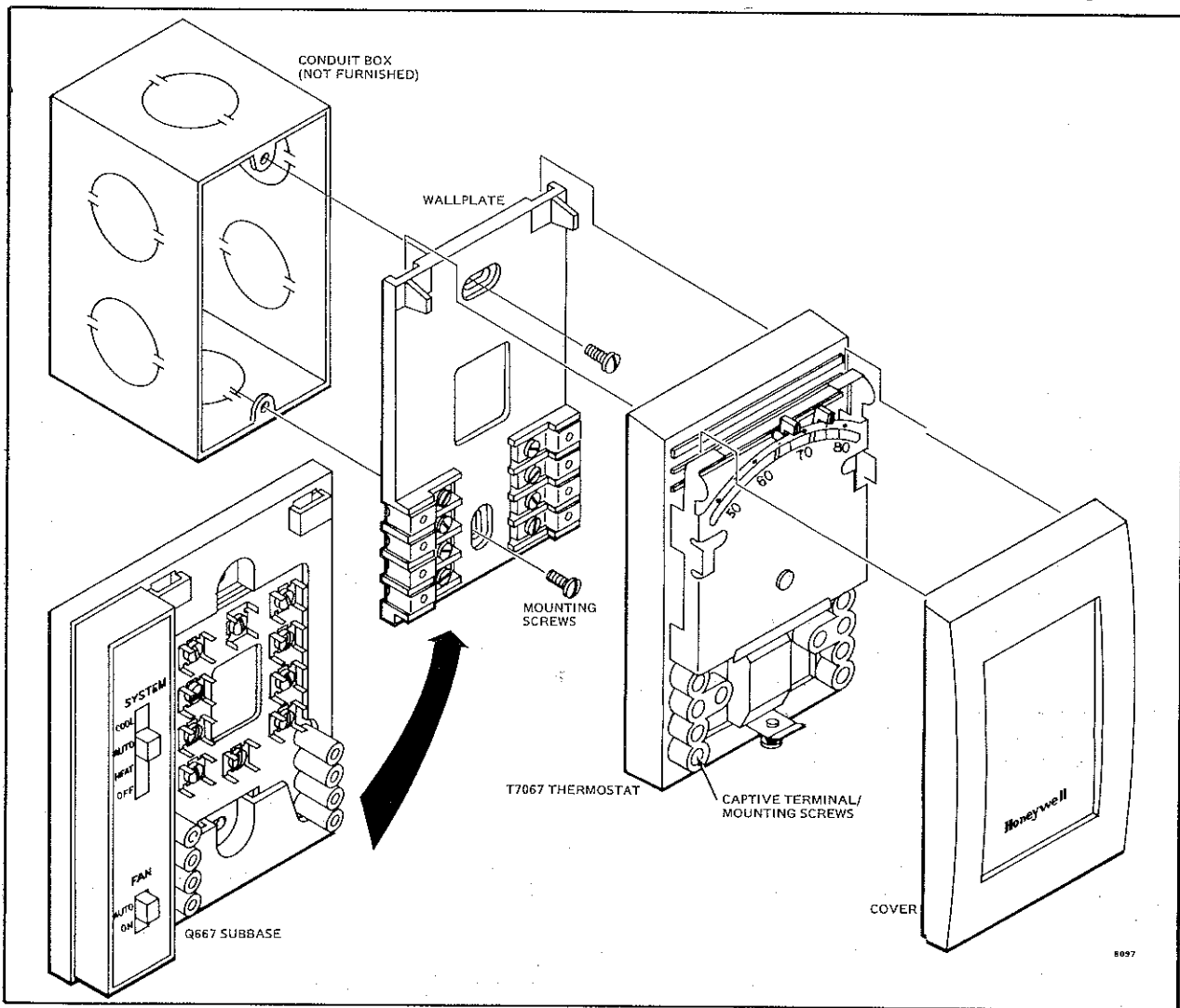


FIG. 2—MOUNTING T7067 THERMOSTAT AND Q667 SUBBASE ON VERTICAL OUTLET BOX. WALLPLATE IS NOT NEEDED WHEN SUBBASE IS USED.

WIRING

All wiring must comply with local codes and ordinances. Terminal screws are provided on the subbase for wiring connections. Wiring to subbase is low voltage and need not be in conduit unless required by local codes. Make the connections to the subbase as shown in Fig. 3. Complete system connections are shown in instructions for the W973 Logic Panel. Subbase switch configurations are shown in Figs. 4 and 5.

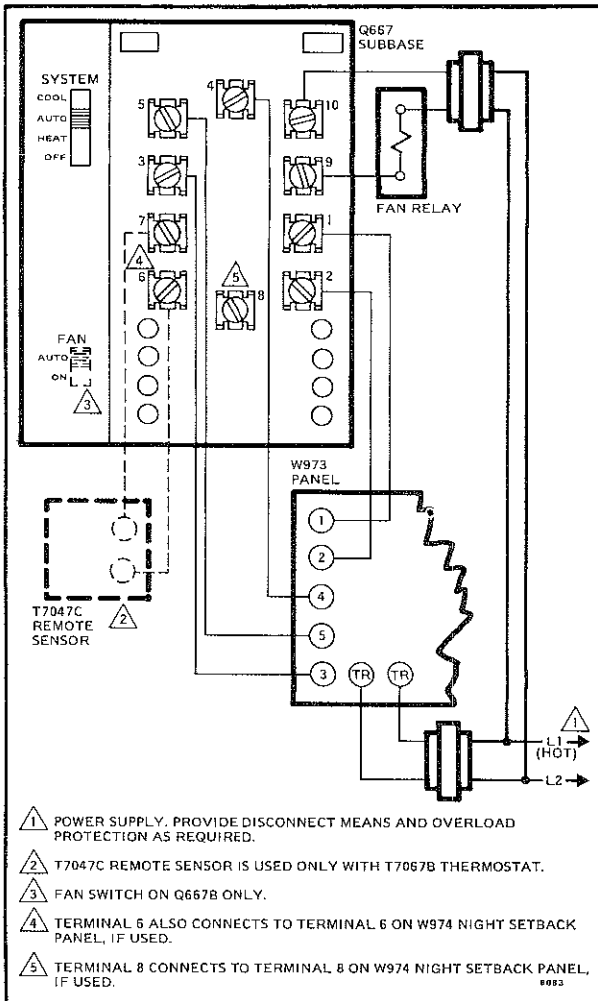


FIG. 3—WIRING CONNECTIONS TO Q667A SUBBASE. REMOTE SENSOR IS USED ONLY WHEN T7067B THERMOSTAT IS USED.

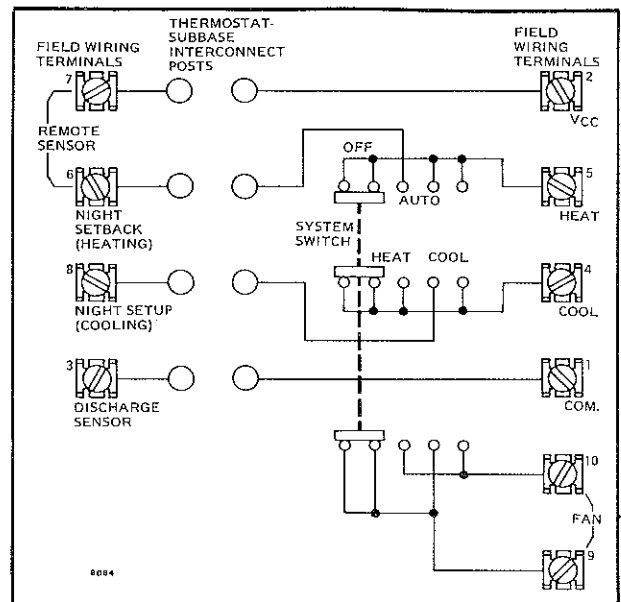


FIG. 4—Q667A SUBBASE SWITCH CONFIGURATION.

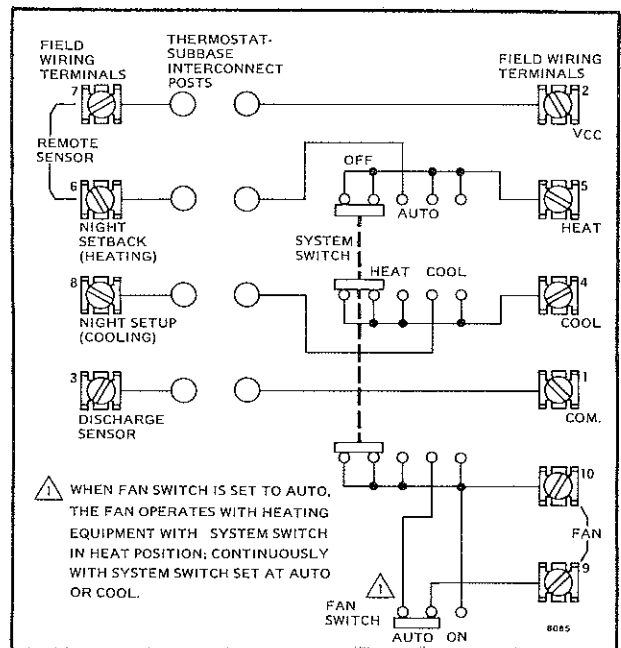


FIG. 5—Q667B SUBBASE SWITCH CONFIGURATION.

CHECKOUT

The following checkout procedure is for the Q667B. Check out the Q667A the same way, except omit steps 1 and 7.

1. Set the fan switch at AUTO.
2. Set the system switch at HEAT.
3. Move the heating lever on the thermostat to a high setting to simulate a call for heating. Heating equipment should start.
4. Move the cooling lever on the thermostat to a low setting to simulate a call for cooling. Cooling equipment should not start.

5. Set the system switch at COOL. Cooling equipment should start.

6. Set the system switch at OFF. Move heating and cooling set points to various positions. Heating and cooling equipment should not respond, although the respective LED's (light emitting diodes) in the thermostat will glow.

7. Set fan switch at ON. Fan should run regardless of system switch position.

8. Move switches to desired settings.