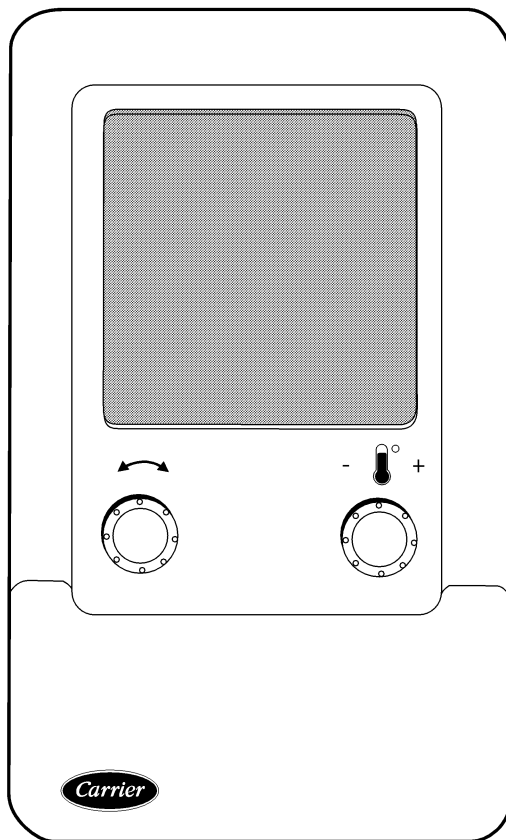




# Product Specification

## 3V™ Control System System Pilot

Part Number: 33PILOT-01



The System Pilot is a component of Carrier's 3V control system and serves as the user-interface and configuration tool for all Carrier communicating devices. The System Pilot can be used to install and commission a 3V zoning system, linkage compatible air source, universal controller, and all other devices operating on the Carrier communicating network.

The System Pilot can serve as a wall-mounted temperature sensor for space temperature measurement. The occupant can use the System Pilot to change set points and cause occupancy overrides. A security feature is provided to limit access of features for unauthorized users.

## Features/Benefits

### Keypad and display

The System Pilot consists of a backlit alphanumeric Liquid Crystal Display (LCD) with adjustable contrast and backlighting. It features six pushbuttons and two rotary knobs with pushbuttons that allow the user to navigate through the menus, select desired options, and modify data.

### Complete system access

#### Zone occupant user interface

- Modify zone operating set points during occupied and unoccupied modes
- Provide occupancy override capability
- Display local occupancy status
- Display current operating mode

#### System interface

- Communicate with Carrier communication network devices

# Features/Benefits



- Access configuration, maintenance, service, set point, time schedule, alarm history and status data in Carrier network devices
- Force and auto points in Carrier network devices
- Modify address of Carrier network devices
- Modify time/date in Carrier network devices
- Display metric or customary U.S. units
- Allows four security levels
- Supports foreign languages

## Carrier communicating network system

- Broadcast time/date and holiday status
- Support 30 holidays with holiday broadcast
- Generate network alarm messages for trouble conditions
- Provide capability to fully commission 3V™ zoning, air sources and Universal Controllers

## → Control and monitoring

- Display or send space temperature to a specified Carrier network device
- Modify set points in Carrier network devices
- Allow display of 3V linkage coordinator zone controller bus scan information
- Display OAT (outdoor-air temperature) as received from the network
- Provide two types of 3V zone controller access via dedicated local bus or via network bus.
- Allows display of 3V system alternate information

## Mounting

The System Pilot can be mounted into a standard 2 x 4-in. junction box. Optional wall plates are also available that allow for flush mounting or for retrofit applications.

# Specifications

- Power Requirements. . . . . 24 vac at 6 va (18 to 32 vac)  
(50/60 Hz)
- Dimensions . . . . . 6.0 in. H x 3.5 in. W x 1.25 in. D  
(150 mm x 87.5 mm x 31.25 mm)
- Operating Temperature. . . . 32 F to 104 F (0° C to 40 C)
- Storage Temperature . . . . -40 F to 140 F (-40 C to 60 C)
- Operating Humidity . . . . . 10% to 95% at 104 F,  
non-condensing
- Storage Humidity . . . . . 10% to 41% at 140 F, condensing

## Vibration

Performance Vibration:  
1.5 G measured at 20 to 300 Hz

## Corrosion

Office environment

## Approvals

Conforms to guidelines for radiated and conducted emissions for a Class A device as stated in FCC Rules and Regulations Part 15, Subpart J. UL 916, and CE MARK Industrial listed.

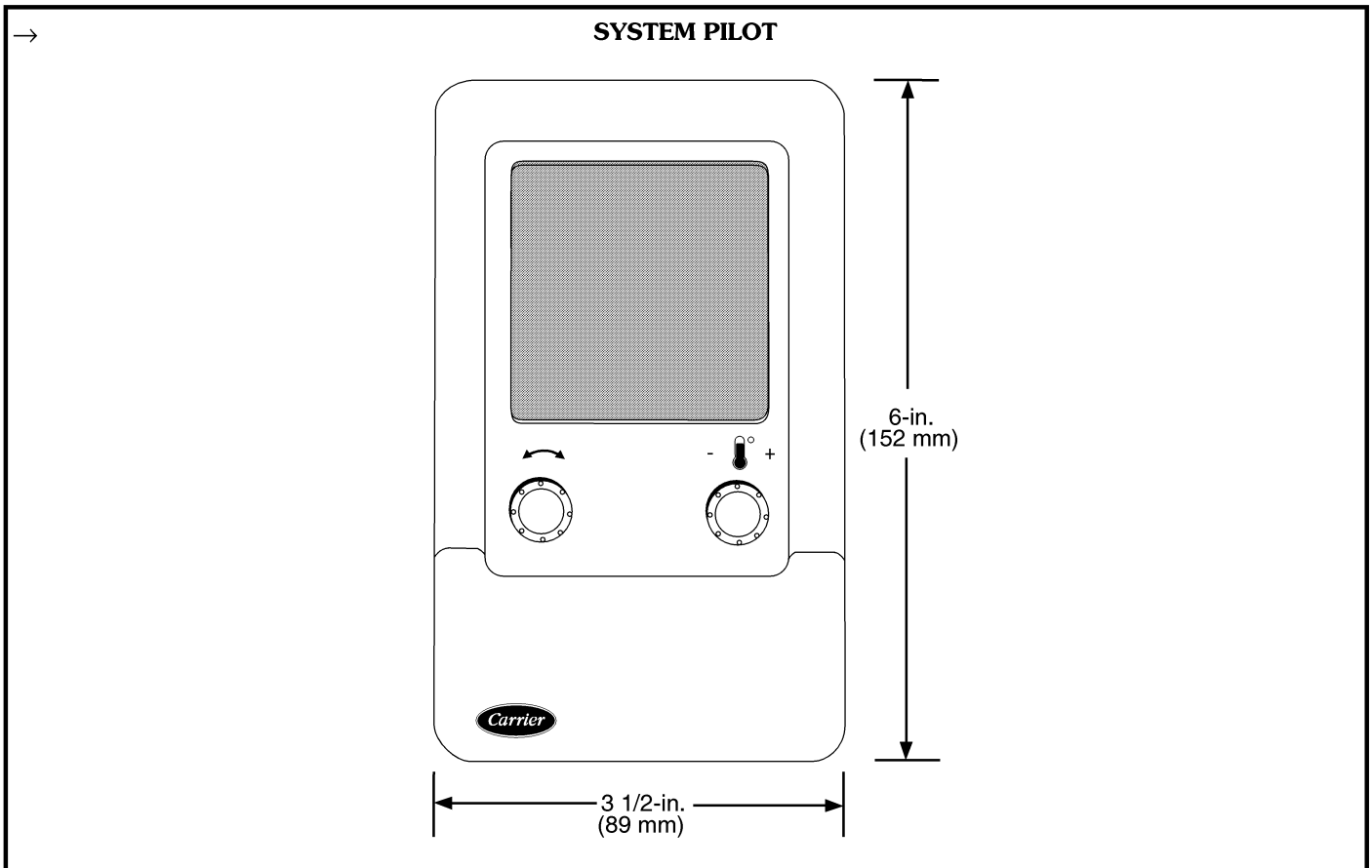
# Accessories

**Wall plate** — The 33PILOTFKIT-01 Wall Plate allows the System Pilot to be flush mounted if desired.

NOTE: A standard wall plate comes with the System Pilot. For flush mounting, replace the standard wall plate with the accessory wall plate.

**Retrofit wall plate** — The 33PILOTRKIT-01 Retrofit Wall Plate is used when upgrading an existing, horizontal mounted thermostat. The retrofit wall plate is used to cover the opening in the wall.

# Dimensions





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