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You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL T6590. You'll find the answers to all your questions on the HONEYWELL T6590 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HONEYWELL T6590
User guide HONEYWELL T6590
Operating instructions HONEYWELL T6590
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Instruction manual HONEYWELL T6590

Honeywell

T6590 Series
FAN-COIL CONTROLLER

PRODUCT DATA



FEATURES

- Large, easy to read LCD display with backlight
- Heat / Cool or standby mode displayed on LCD
- Lockable keypad
- Room setpoint adjustable via simple-to-use up/down buttons
- Fan speed ON/OFF, low/med/high or auto
 - Auto mode: fan speed is proportional to distance of room temperature from setpoint
- Manual or automatic heat / cool changeover
- Control of auxiliary electric heater
- Inbuilt or remote sensor (NTC20K) options available
- Simultaneous display of room temperature and user setpoint
- Push button adjustment of setpoint
- Switches allow manual control of system operation and fan speed
- Special energy savings mode activated by external input from Energy Management System (EMS) – a window contact or hotel card-key – overrides the temperature setting to installer defined heating and cooling temperatures
- Energy savings input (remote setback) can be configured to be normally open (NO) circuit or normally closed (NC) circuit
- All models have a proportional plus integral (P+I)
- T6590 meets all relevant requirements for CE approval
- Installer setup mode allowing operating parameters to be changed
- Installer set up settings retained in the event of a power loss
- Central remote setback for both cooling and heating operation
- Freeze protection
- Automatic setback to unoccupied mode with no key operation
- °C display
- 0°C to 2°C Temperature display offset available
- Easy to use installer setup mode allows for simple thermostat setup
- Adjustable deadband for heat & cool sequence control
- Setpoint range 10°C to 32°C
- Installer test mode for on-site wiring checks
- Line voltage (230V-) models available

APPLICATIONS

The T6590 range of digital thermostats is designed to control the valves, fan and auxiliary electric heater within fan-coil systems.

Modern, attractive styling and comprehensive feature set makes the T6590 suitable for a wide range of applications. There are a total of 8 application configurations supported, and these are:

| Application | Description |
|-------------|--|
| 0 | 2 pipe system, heating only |
| 1 | 2 pipe system, cooling only |
| 2 | 2 pipe system, 1 stage heat or 1 stage cool |
| 3 | 2 pipe system, 1 stage heat or 1 stage cool, auto changeover |
| 4 | 4 pipe system 1 stage heat and 1 stage cool |
| 5 | 4 pipe system 1 stage heat and 1 stage cool auto changeover |
| 6 | 2 pipe system, 1 stage heat or 1 stage cool with auxiliary electric heater |
| 7 | 4 pipe system, mixed manual and auto |

The different applications can be selected from the installer setup mode and by altering the external wiring connections

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