

T6000 Series

# Digital Fan Coil Thermostat



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## Description

The T6000 Series Line Voltage Digital Fan Coil Thermostats are designed to control heating, cooling, or year round air conditioning as part of a system that consists of a two-way or three-way valve and a multi-speed line voltage fan. Other typical applications include electric heaters and air handling units.

The aesthetic design and compact size complement any decor. The intuitive operation makes the thermostat very user-friendly.

The thermostat does not require any battery backup as setpoint and other parameters are stored in non-volatile memory.

## Features

- Modern design complements any decor
- Liquid Crystal Display (LCD) makes controls easy to read and use
- Selectable deg C/deg F temperature display
- Manual Switch for fan speed control
- Energy saving available when occupancy feature used
- Requires no batteries; EEPROM retains the last events and temperature after a loss of power
- Universal Mounting for British & American standard wall box

## To Order

There are two models available:

- **T6133-V0** – For Cooling/Heating/Auto Control
- **T6233-V0** – For Cooling/Heating Control

## Specifications

<b>Product</b>	<b>T6133-V0</b>	Fan Coil Unit Four-Pipe System LCD Digital Thermostat with Three-Speed Fan and On-Off Switches and Cool-Heat-Auto-Fan Modes
	<b>T6233-V0</b>	Fan Coil Unit Two-Pipe System LCD Digital Thermostat with Three-Speed Fan and On-Off Switches and Cool-Heat-Fan Modes
<b>Power Requirements</b>	220 VAC $\pm$ 13%, at 50/60 Hz	
<b>Accuracy</b>	$\pm$ 1°C	
<b>Display Range</b>	5 to 35°C	
<b>Setpoint Range</b>	5 to 30°C	
<b>Unoccupied Mode</b>	External Voltage-Free Contact Input Signal	
<b>Wiring Lead Length</b>	18 cm (Color-coded 18AWG PVC cable)	
<b>Setpoint Range</b>	5 to 30°C (41 to 85°F) maximum	
<b>On/Off Switch*</b>	Double-Pole, Double Throw (DPDT), 6 A at 230 VAC (Maximum)	
<b>Fan Switch</b>	Double-Pole, Triple Throw (DP3T), 6 A at 230 VAC (Maximum)	
<b>Heating/Cooling Switches</b>	T6133: 4 triacs: 0.5 A at 230 VAC (Maximum) T6233: 2 triacs: 0.5 A at 230 VAC (Maximum)	
<b>Ambient Operating Conditions*</b>	0 to 30°C (32 to 85°F) 85% Non-condensing RH	
<b>Ambient Storage Conditions*</b>	-40 to 50°C (-40 to 122°F) 85% Non-condensing RH	
<b>Dimensions</b>	83 x 130 x 26.7 mm	
<b>Shipping Weight</b>	0.197 kg (0.43 lbs)	

\* When connected, the On/Off switch does not disconnect power to the unit; it only turns off or on the LCD and functions.

The performance specifications conform to acceptable industry standard. For application to conditions beyond these specifications, consult the local Johnson Controls office. Johnson Controls, Inc., shall not be liable for damages resulting from misapplication or misuse of its products.

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