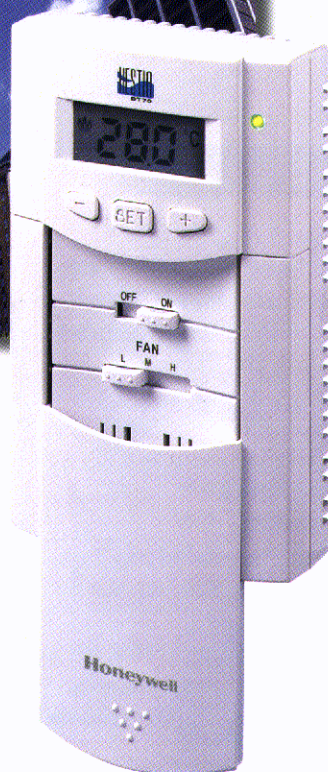


DIGITAL ROOM THERMOSTAT

DT70-SERIES



General

Digital thermostats, DT70 series are designed for the customers who would like to use the quality digital room temperature controller with the lowest expense instead of the existing analog thermostats.

The main features of these thermostats are digital display, very reasonable prices, attractive modern design and versatile function.

These thermostats have two types of wiring like terminal connection type and wire type. There are basic models to control heating/cooling equipment and the models to control fan coil unit.

Micro-processor based programming, self diagnostic and alert function deliver the customer great satisfaction considering its very reasonable price.

Features

- Digital display of the user selected room temperature in °C by simple setting procedure.
- Accurate temperature control by using micro-processor.
- Attractive, elegant, modern styling makes the thermostat well harmonized with any interior decoration.
- Alert, self-diagnostic feature gives easier trouble shooting and maintenance.
- All models have ON/OFF control, heating/cooling changeover.
- Program setting procedure is very simple to use.
- Versatile functions let users be under more comfortable environment.
- Suitable to European standard mounting junction boxes (2 in × 4 in, 65mm × 65mm, 85mm × 85mm)
- Capability to set delay time from 0 to 10 minutes as select minimum relay-off time for compressor short cycle protection.
- In power failure, EEPROM remember the latest settings. (No user settings disappeared.)
- Customers select the wire type model or terminal connection type.
- Before going out, user can set the time he want to return and to have the thermostat work again. (0~24h Select)
- Alert function to prevent temperatures below 5 °C and over 40 °C.
- Automatic return to the current mode in 5 seconds without setting again.
- Controls TRV, VC valves, Zone valves.
- The models for FCU control applications have additional 3 speed fan switches. (Basic models have only system ON/OFF switch)

Specifications

- Set point range: 5 - 35 °C
- Temperature display unit: 0.5 °C / step
- ON- OFF differentiation: 1 °C max.
- LCD Display: 3 digit (Temperature, Heating/Cooling, Reservation time)
- Sensing element: NTC Thermistor
- Electrical ratings: 5A Resistive, 2A Inductive at 250 VAC
- Supply voltage: AC24, 110, 220V ± 10%, 50/60Hz
- Dimension (WxHxD, mm³): 76 x 121 x 28
- Control output: ON-OFF
 - Basic model - Relay SPDT
 - FCU models - Basic model plus 3 speed fan switch (In changing heating / cooling, use the button setting)
- Environment:
 - Operation: 0~40 °C, under 90% RH, non-condensing
 - Storage: -20~50 °C, non-condensing
- Operational life: Over 100,000 cycles for thermostat contact. Greater than 10,000 operations for switches.



DT70-SERIES
ROOM THERMOSTAT

DT70-SERIES

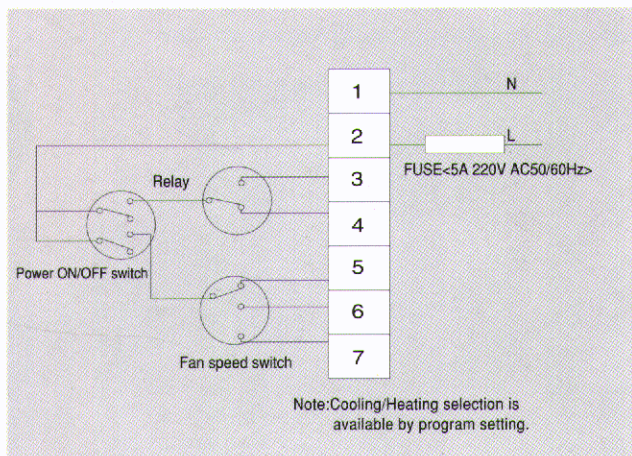
- Electronic digital display
- Programming
- Self-diagnostic function
- Attractive modern design



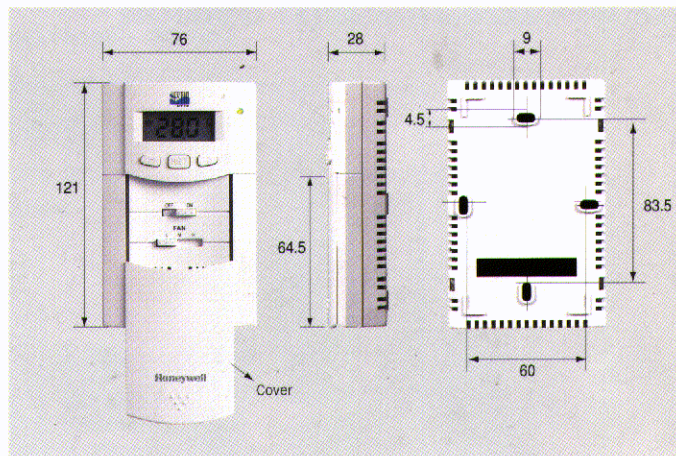
Model selection

DT7	<input type="checkbox"/>	—	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Description
	0								Basic Color(Cool Gray)
	1								Art-Deco, color
	2								Ivory
			R						Basic Model(Fan Speed s/w, 1 speed)
			F						FCU Model(Fan Speed s/w, 3 speed)
				0					Terminal Block connector Type
				1					Wire connector Type
					0				AC220V, 50/60Hz
					1				AC110V, 50/60Hz
					2				AC24V, 50/60Hz
						2			SPDT Relay output
							E		English version Manual

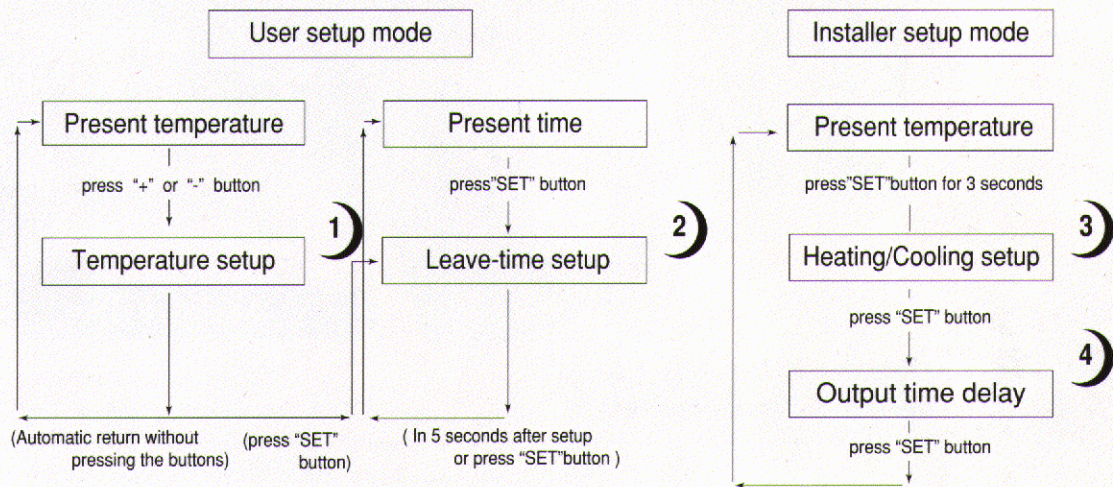
Wiring diagram



Dimension(mm)



Setting



Honeywell

Control Product Business Unit

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All specifications are subject to change without prior notice.