

Digital Room Thermostats

디지털 실내 온도 조절기

DT70-Series



DESCRIPTION

-Microprocessor controlled room thermostat with auxiliary switches for conventional On-Off control system used for boilers, coolers, fan coil units equipped with terminal zone valves in air conditioning system.

Design Features

- Precise temperature control by μ -processor
- Modern design and smart color.
- Self diagnosis and alarm function
- Connection to Hotel Cardkey system
- Switching heat/cool mode
- Easy program setting
- 24 hours time reservation
- Memory of last set values
- Frost protection setting(5)
- High alarms at 40 and above
- Output delay time setting(0~10min)
- Automatic return 5sec after setting
- Direct connection to line voltage

Technical Data

- Setting range : 5~35
- Display range : 0.5 /1step
- On/Off diff : 1 max
- Display unit : LCD 3 digit
Temp/heat/cool/time
- Sensing element:NTC
- Contact capacity :5A(3A ind)/250VAC
- Power supply :220VAC \pm 10% 50/60Hz
- Dimension :76 x 12 x 28 (WxHxD)
- Mounting : Wall mounting
- Control output : On-Off
Standard : SPST / SPDT
FCU : Standard + Speed SW
- Environment : 0~40 10~75%rH
condition
- Storage cond : -20~50, 90%rH
- Housing material : ABS
- Accessories : M4 x 25 screws

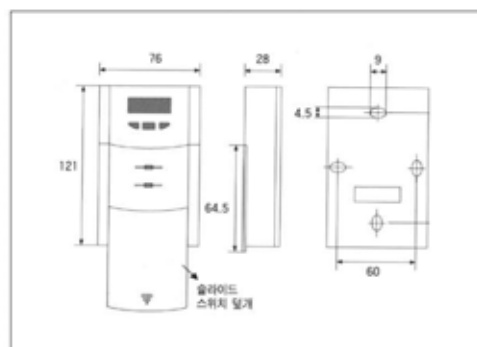


Fig 1. Dimension

* This model is not available

| Type | Standard | | Fan Coil unit | |
|-------------|---------------------------|-----------|---------------------|-----------|
| Model | * DT70-R001 | DT70-R002 | * DT70-F001 | DT70-F002 |
| Fan speed | None | None | H/M/L | |
| Output | SPST | SPDT | SPST | SPDT |
| Usage | Boilers, coolers | | Fan coil units | |
| Application | TRV,Solenoids,Zone valves | | FCV,TRV,Zone valves | |

Table 1. Type designation

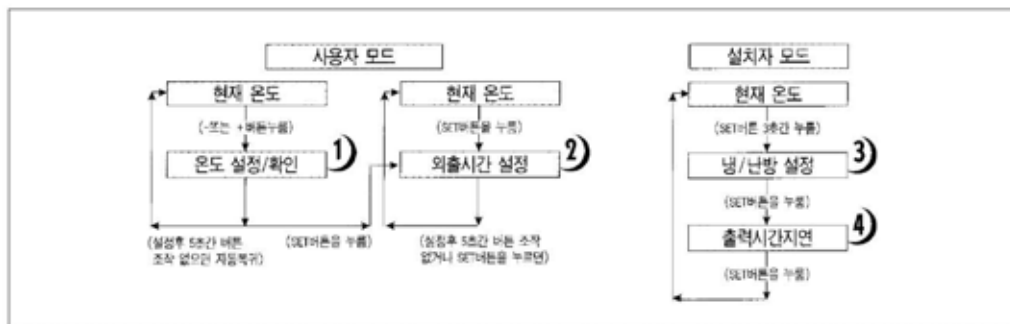


Fig 2. Program setting method

Mountin instructions

- Avoid direct sun light
- Avoid high traffic area
- Keep the unit 1.5m from the floor level.
- Avoid TV, lights or heaters
- Avoid from radiators, convectors.

Internal wiring and connections

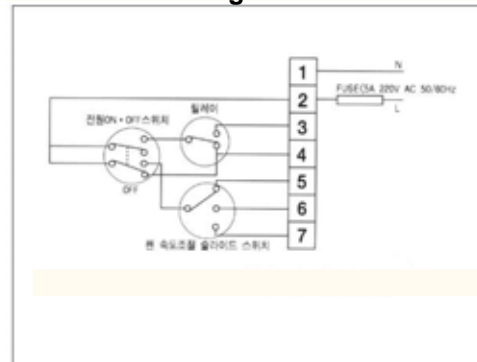


Fig 3. Internal wiring

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