Korisničko uputstvo za JTFC termostat

JTFC serija termostata je pogodna za kontrolu temperature u zasebnim prostorijama za stambene, industrijske i poslovne prostore. Pogodan za 2-cevnu i 4-cevnu fenkoil konfiguraciju.

JTFC serija termostata koristi tehnologiju elektronske kontrole. Operacija je jednostavna i praktična. Možete ostvariti unutrašnju temperaturu preko rotacionog prekidača za regulaciju temperature. Možete takođe manuelno izabrati režim hlađenje ili grejanje i kao i izabrati brzinu ventilatora (HIGH/brzo, MEDIUM/srednje ili LOW/sporo).

OZNAČAVAANJE MODELA

JTFC □

Y: Kontrolisanje dampera (regulatora protoka) za otvaranje ili zatvaranje.

C/C2: Samo hlađenje, kontrola motornog ventila i 3-brzinskog ventilatora, kada temperatura dostigne zadatu vrednost, zatvoriće motorni ventil dok ventilator nastavlja sa radom.

DA/DA2: Kontrola motornog ventila i 3-brzinskog ventilatora, kada temperatura dostigne zadatu vrednost zatvoriće motorni ventil dok ventilator nastavlja sa radom.

DB/DB2: Kontrola motornog ventila i 3-brzinskog ventilatora, kada temperatura dostigne zadatu vrednost zatvoriće motorni ventil i isključiti ventilator.

FCV2/FCV2-DK: Kontroliše 4-cevne fenkoil jedinice, kontroliše 2 motorna ventila i 3-brzinski ventilator, kada temperatura dostigne zadatu vrednost, zatvara motorne ventile dok ventilator nastavlja sa radom.

SPECIFIKACIJA

Merni element:	NTC	Radni napon:	AC 220V ±10%, 50/60 Hz
Osetljivost prekidača:	Približno ±1.5°C	Jačina struje:	1 A, induktivna: 0.5 A
Raspon temperature:	10~30°C podesivo	Kućište:	Nezapaljiva ABS plastika
Radna temperatura:	0~45°C	Presek kabla:	0.5~2.5 mm²
Radna vlažnost:	5~90%RH	Dimenzije:	83 * 130 * 43 mm (Š * V * D)
Skladišna temperatura:	-10~60°C	Dimenzija otvora:	60mm (standard)

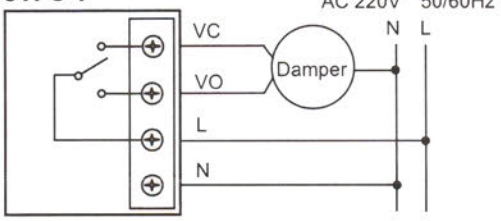
UPUTSTVO ZA KORIŠĆENJE

Na prednjem panelu se nalazi prekidač za regulaciju sa skalom. Takođe naprednjem panelu se nalaze i prekidač za regulaciju brzine rada ventilatora sa HIGH-MEDIUM-LOW i sistemski prekidač sa HEAT-OFF-COOL. Način upotrebe:

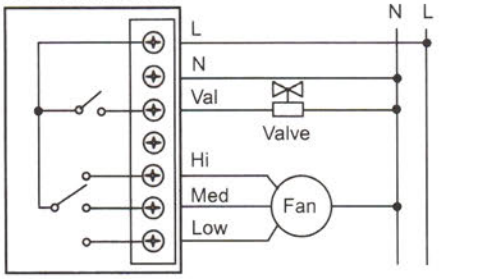
- Uključivanje/Isključivanje: pomerite prekidač na HEAT kada želite režim grejanja; pomerite prekidač na COOL kada želite režim hlađenja. Kada pomerite prekidač na OFF termostat će biti ugašen. JTFC C/C2 je samo za hlađenje; prekidači JTFC Y se razlikuju od ostalih (ON-OFF i HEAT-COOL), pomerajući prekidač na ON termostat se uključuje; pomerajući prekidač na OFF, termostat se isključuje, pomerite prekidač na HEAT za grejanje; pomerite prekidač na COOL za hlađenje.
- Odabir temperature: pomerite prekidač na željenu temperaturu.
- Odabir brzine ventilatora: pomerite prekidač na željenu poziciju HIGH-MEDIUM-LOW.
- Kontrola dampera (JTFC Y): Damper će biti otvoren (1) kada je sobna temperatura je viša od zadatih parametara pri hlađenju; (2) kada je sobna temperatura je niža od zadatih parametara pri grejanju, u suprotnom damper će biti zatvoren.
- Kontrolisanje el. motornog ventila u 2-cevnim sistemima (JTFC DA/DB/DA/DB2/C/C2): Ukoliko razlika između sobne i zadate temperature prelazi 1°C, FCU ventil biće otvoren; ukoliko su sobna i zadata temperatura jednake JTFC DA/DA2/C/C2 će zatvoriti FCU ventil dok će ventilator i dalje raditi; JTFC DB/DB2 će zatvoriti FCU ventil i isključiti ventilator.
- Kontrola FCU ventila u 4-cevnim sistemima (JTFC FCV2/FCV2-DK): Kod hlađenja, kada je sobna temperatura veća od zadate, ventil za hlađenje je otvoren. U suprotnom je zatvoren. Ventil za grejanje je zatvoren. Kod grejanja, kada je sobna temperatura niža od zadate, ventil za grejanje je otvoren. U suprotnom je zatvoren. Ventil za hlađenje je uvek zatvoren.

ŠEMA POVEZIVANJA

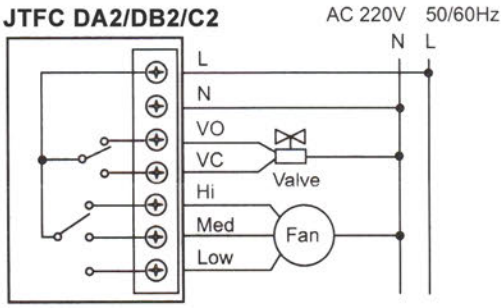
JTFC Y



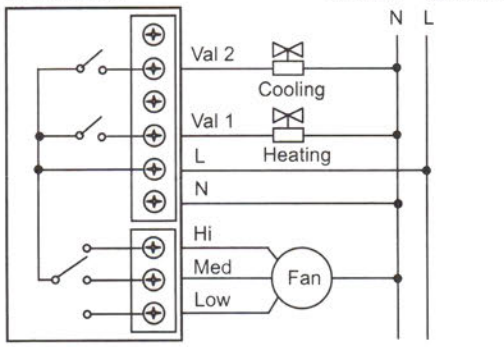
JTFC DA/DB/C



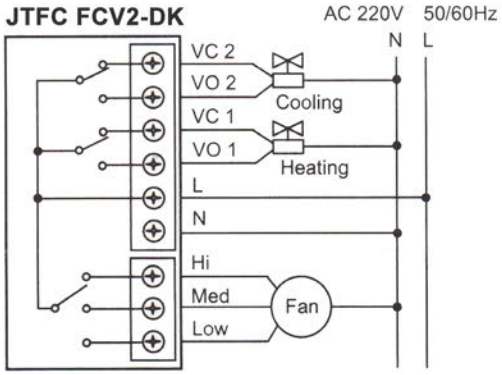
JTFC DA2/DB2/C2



JTFC FCV



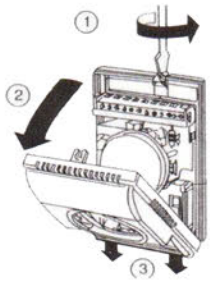
JTFC FCV2-DK



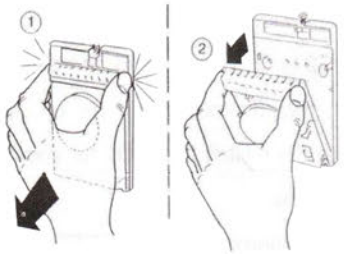
Povezivanje:

Svaki uređaj je isporučen sa naznačenom varijantom na pakovanju i kućištu termostata. Molimo Vas da pažljivo proverite oznaku modela na kutiji uređaja i kućištu uređaja i zatim izaberite odgovarajuću šemu povezivanja.

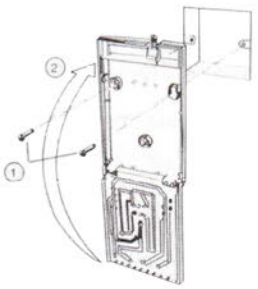
UGRADNJA



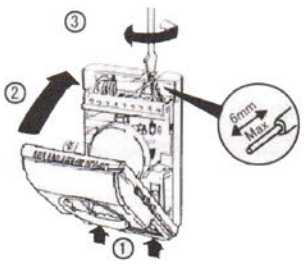
1. Skinite prednju masku



2. Otvorite središnji panel.



3. Ušrafite kućište na željeno mesto.



4. Povezivanje žica

NAPOMENA: Obavezno povežite sve žice kako je naznačeno na šemi povezivanja i držite uređaj podalje od vode, blata i drugih sličnih materijala kako bi izbegli kvarenje uređaja.

JTFC Series Thermostat User Manual

JTFC Series thermostats are available for individual room temperature control in residential, industrial and business premises. Suitable for 2-pipe or 4-pipe Fan Coil configuration.

JTFC series thermostats use the electronic control technology. The operation is simple and convenient. You can establish the indoor temperature through the rotational temperature adjusting knob. You can also choose cooling or heating mode and Select fan speed (high, medium and low) manually.

MODEL DENOMINATIONS

JTFC □

Y: Control damper to open or close.

C/C2: Cooling only, Control Motorized Valve and 3-speed fan, when the temperature reaches the set-point, it will close the Motorized Valve with the fan still running.

DA/DA2: Control Motorized Valve and 3-speed fan, when the temperature reaches the set-point, it will close the Motorized Valve with the fan still running.

DB/DB2: Control Motorized Valve and 3-speed fan, when the temperature reaches the set-point, it will close the Motorized Valve and Fan both

FCV2/FCV2-DK: Control 4 pipe fan coil units, Control two Motorized Valves and 3-speed fan, when the temperature reaches the set-point, it will close the Motorized Valves with the fan still running.

SPECIFICATIONS

- Sensing element: NTC
- Switching Differential: Approx ±1.5℃
- Temperature Range: 10～30℃ adjustable
- Operating Temperature: 0～45℃
- Operating Humidity: 5～90%RH
- Storage Temperature: −10～60℃
- Operating Voltage: AC 220V ±10%, 50/60Hz
- Switch current rating: Resistive: 1 A, Inductive: 0.5 A
- Housing: ABS Flame Retardant
- Wiring Diameter: 0.5～2.5 mm^2
- Dimension: 85 × 130 × 43 mm (W × H × D)
- Hole pitch: 60 mm (Standard)

OPERATION INSTRUCTION

There is temperature adjusting knob with scale mark on the front panel. There are also the Fan Speed Switch with HIGH-SPEED-LOW and the System Switch with HEAT-OFF-COOL on the front panel. The operation steps as follows:

☞ Turn On/Off: Slide the switch to HEAT when you want heating; slide the switch to COOL when you want cooling. Set the switch to OFF, the thermostat will be turned off. JTFCC/C2 is only for cooling; the switches of JTFCY is different from others (ON-OFF and HEAT-COOL), slide the switch to ON, the thermostat will be on; slide the switch to OFF, the thermostat will be off, slide the switch to HEAT for heating; slide the switch to COOL for cooling.

☞ Set point: turn the adjusting knob to the desired temperature.

☞ Fan Speed Selection: slide the fan speed switch to any positions of HIGH-SPEED-LOW you wanted.

☞ Control Damper (JTFCY): The damper will be open when (1) room temperature is higher than set-point in cooling; (2) room temperature is lower than set-point in heating, Otherwise the damper will be closed.

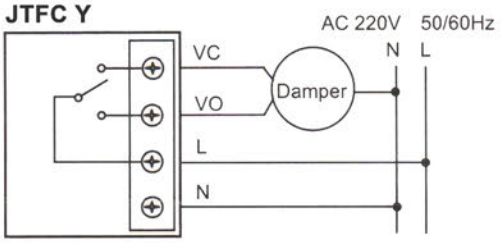
☞ Control Motorized Valve under 2-pipe configuration (JTFCDA/DB/DA2/DB2/C/C2): If the difference between room temperature and set-point exceed 1℃, FCU Valve will be open; If room temperature and set-point are equal, JTFCDA/DA2/C/C2 will close the FCU valve with the fan still running; JTFCDB/DB2 will close the FCU valve and Fan both.

☞ Control FCU valve under 4-pipe configuration (JTFCFCV2/FCV2-DK): In cooling, when the room-temperature is

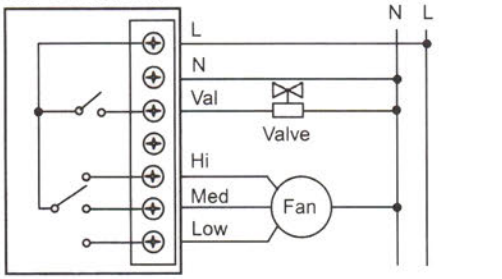
higher than set-point, the cooling valve will be opened. Otherwise it will be closed. Heating valve is always closed. In heating, When the room temperature is lower than set-point, the heating valve will be opened. Otherwise it will be closed. Cooling valve is always closed.

WIRING DIAGRAMS

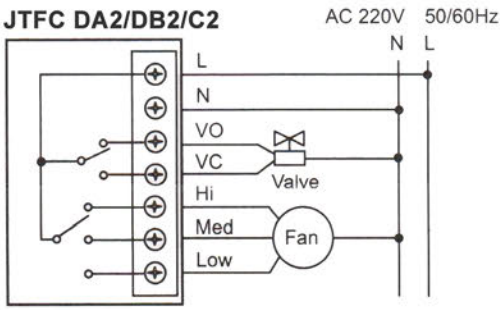
JTFC Y



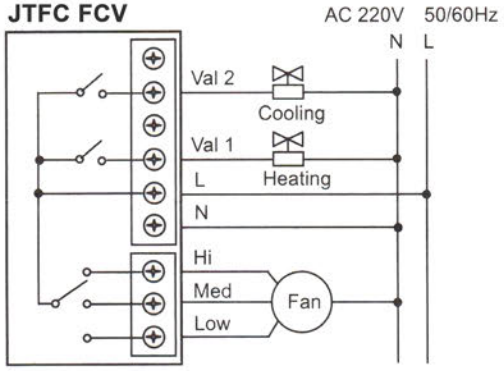
JTFC DA/DB/C



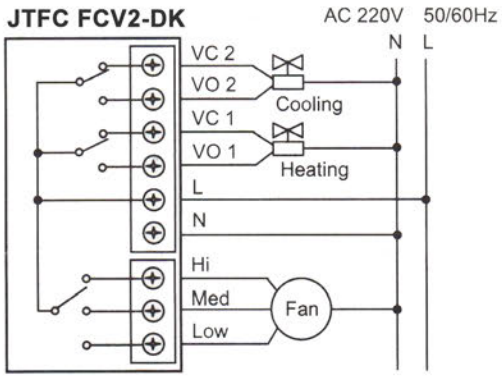
JTFC DA2/DB2/C2



JTFC FCV



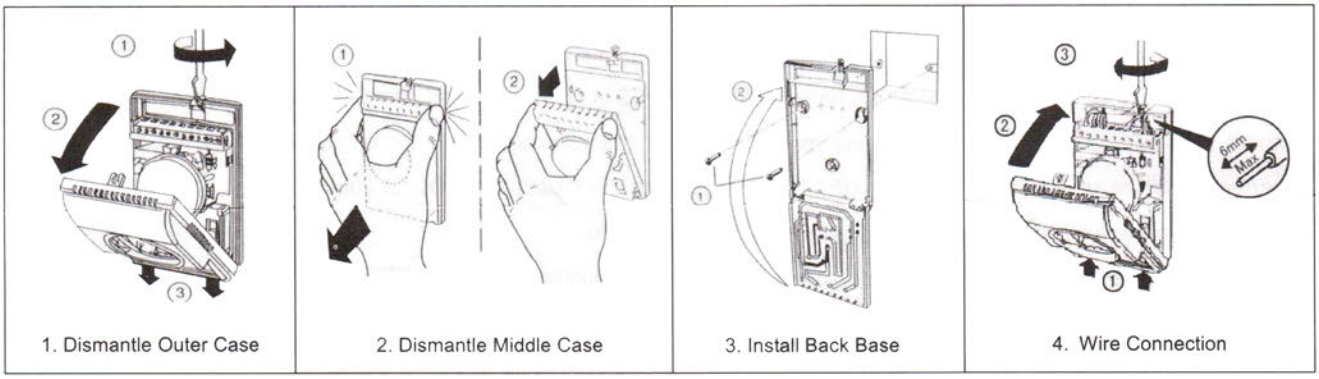
JTFC FCV2-DK



Wire Attention:

The correct model is compliant with the part number on packing label of thermostat box; Please checkout the correct model and use correct wiring diagram above when you wire.

MOUNTING



Note: Be sure to connect all the wires as per the wiring diagrams and keep it away from water, mud and other material so as to prevent the unit being spoiled!