



# CONOTEC FOX-1004 Digital Temperature Controller User Manual

[Home](#) » [CONOTEC](#) » CONOTEC FOX-1004 Digital Temperature Controller User Manual 

## Contents

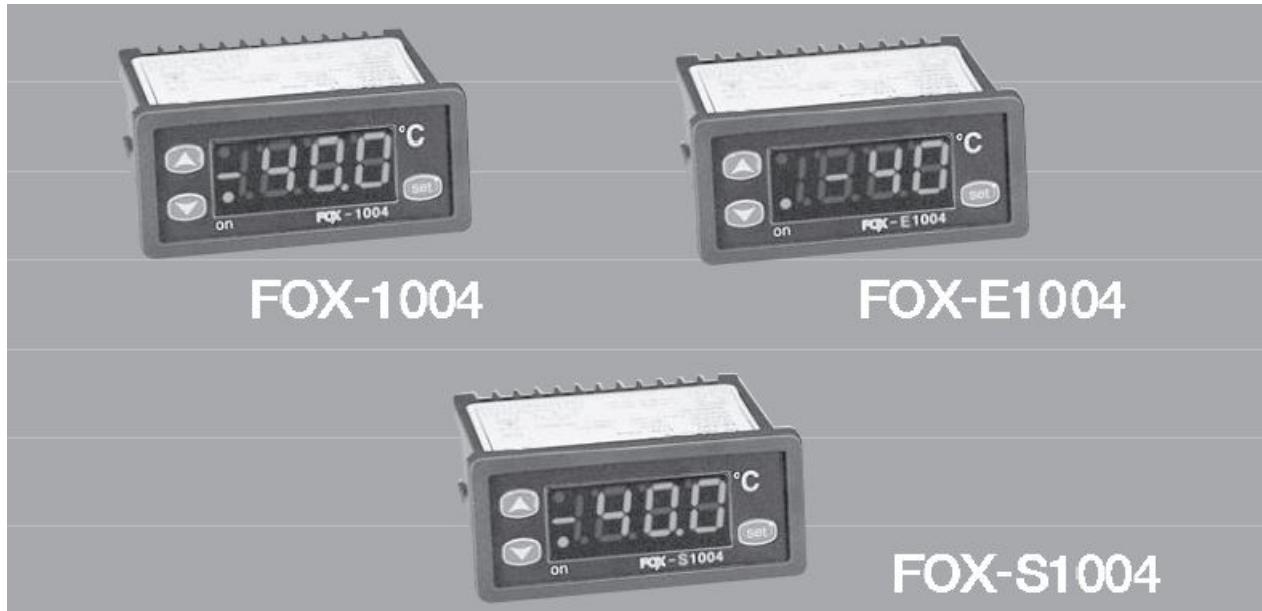
- [1 FOX-1004 Digital Temperature Controller](#)
- [2 Digital Temperature Controller](#)
- [3 Simple terminology](#)
- [4 Dimension](#)
- [5 Connection](#)
- [6 Part name](#)
- [7 Setting temperature & programs](#)
- [8 Safety and Hazard Instructions](#)
- [9 Documents / Resources](#)
- [10 Related Posts](#)



**FOX-1004 Digital Temperature Controller**



### Digital Temperature Controller



Thank you for selecting our products. Please read carefully this instruction to reduce any damages or operation mistakes.

### Simple terminology

**EYP** : EYP Selection of the Cooling(& Heat) mode

**di F** : Setting for temperature deviation

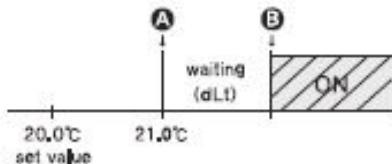
- In the ON/OFF mode, it is at regular intervals between (ON and OFF).
- By operating the ON/OFF switch, the relay or solenoid valve can be changed quickly and it also causes the hunting oscillation, due to extreme pressure. You can make use of the temperature deviation in case of hunting or hunting as well.

## dL<sub>t</sub>

:Ddax time of the out put

It is wkely used as the followis

- in case of opeatig the ON/OFF ctrd ver tvean,
- tw wte:t the oTeIHton mahnery when e-aput of the power suppl¥ a mmentTY stnnHZP tpOY T suMly
  - **f the set value is 1:** fiom unl Btime – the reay is ON in the point after as cdeday as the diEseting time (1minNset) (tickeing the Ouut larn «dr ie the dit tme)



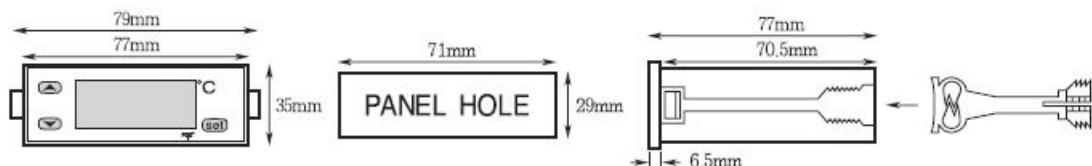
## Cor

:Corection fun:tion of the present temperature

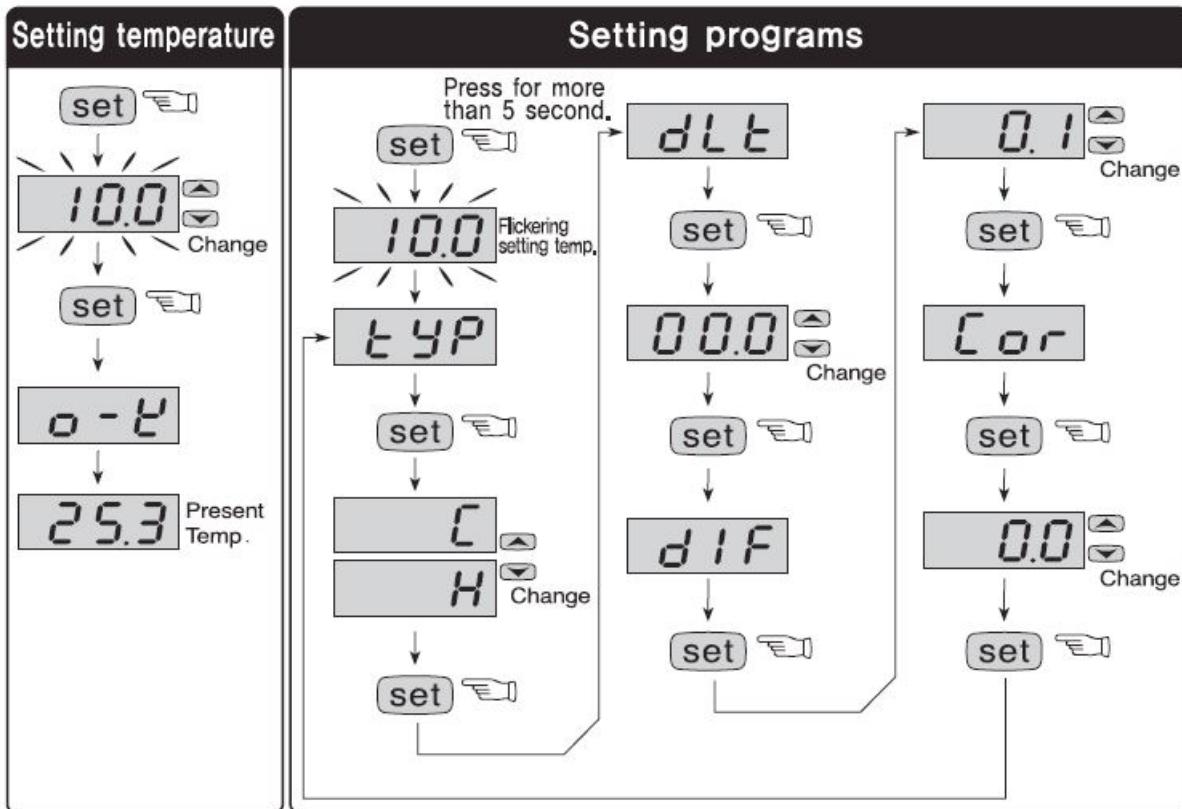
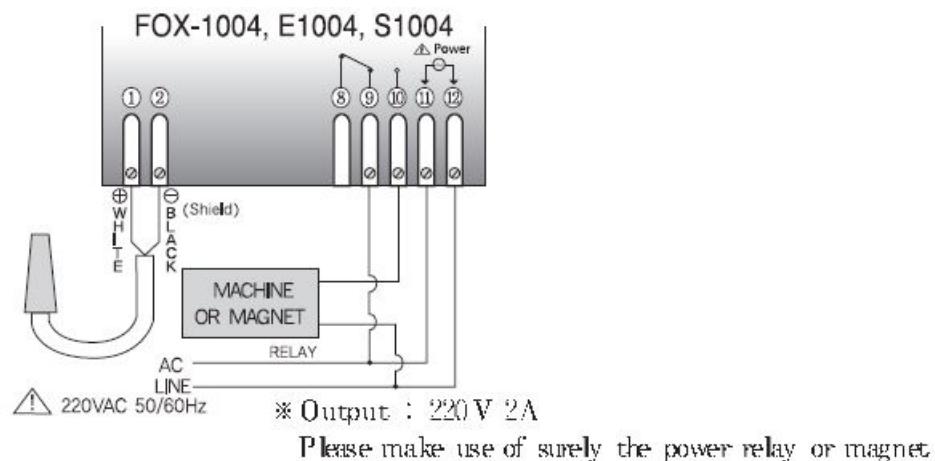
- (Correttion fun:tion for a diserepaney bet ween the presents disyplay value and the atual value(accurate value))

**ex** An actua temerpature vale 10.0C av. but the present tempeautes display value was 120C  
=> Yau may Lse ths functicn and can oorrect he displays temerature value by 2.0C

## Dimension

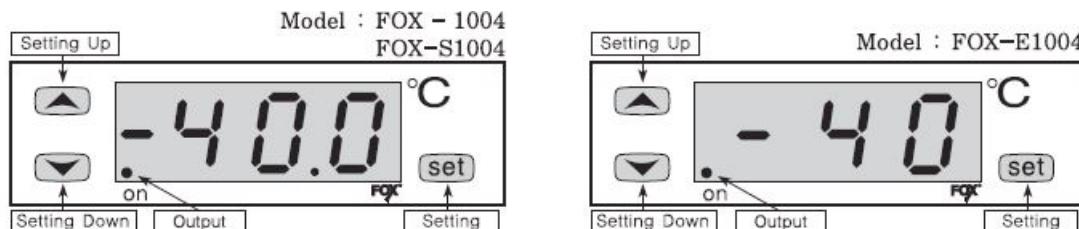


## Connection



MODEL	TEMP. RANGE	SENSOR TYPE
FOX-1004	-40.0 °C ~ +90.0 °C	Diode
FOX-E1004	-40 °C ~ +90 °C	Diode
FOX-S1004	-40.0 °C ~ +90.0 °C	Diode

### Part name



FOX1004, FOX-E1004 : use both Cool & Heat  
FOX-S1004 : only Cool

## **Setting temperature & programs**

- Setting temperature

- **The present temperature:** shall be displayed after power supply. It will be ticked. Pressing the key twice changes the setting value. If the key is pressed again, it will be stored and the setting value will be saved and the current temperature will be displayed.

- Setting programs

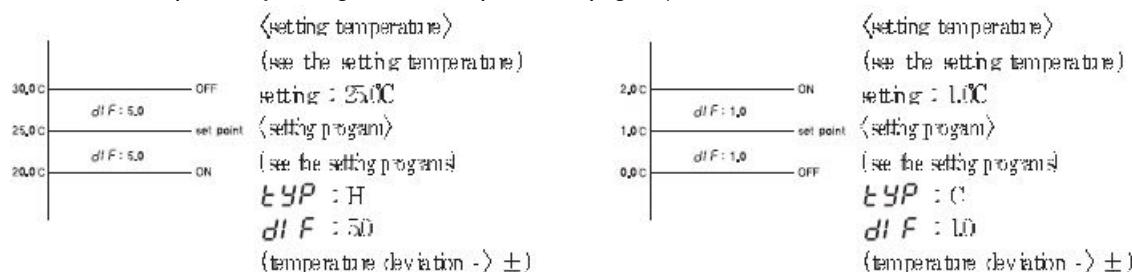
- if key is presed ir mor than econd, the prumm mode will be pruKeded as blbwng seqUences TYP-DIT9DI-XOR (rekr tw let side eting poarm) The ettine value of each mode shauld chnged by prssing ker und then press Se key to move tw net mmode

The et or programming mode is urmu tec, if ou pres theSe key ir mare tn 2 secund, parameters (set values) sre saved ater disjiuy ne Lo-Eltrr or etum tw the p:sent temneratire uuwmstically ater 10 Seconds,

Model		FOX-1001	FOX-S1001	FOX-E1001
<i>Cooling/Heating</i>	C / H	C	Cooling	X
<i>Delay Time</i>	0 ~ 19min, 59sec.	0	0 ~ 19min, 59sec.	0
<i>Temp. Deviation</i>	$\pm 0.1^{\circ}\text{C}$ ~ $\pm 19.9^{\circ}\text{C}$	1.0°C	$\pm 0.1^{\circ}\text{C}$ ~ $\pm 19.9^{\circ}\text{C}$	1.0°C
<i>Collector of Temperature</i>	$\pm 50^{\circ}\text{C}$	0.0°C	$\pm 50^{\circ}\text{C}$	0.0°C

## **Application of FOX-1004**

Heuter-) turn off at 300C turn on at 0T. How to operate {setting 10r the temperature c& prglaN Coder -) turn off st 0C, turn n at 20 How to operate {setting ur the temperature prgam}!



## Safety and Hazard Instructions

Safety

dangerous factors such as serious human injury or serious damages of property & important machine because this item is not designed as safety device

## Safety Instruction and Hazard Warnings

Please rxd the gerit ing manual thraieh ccEnTdetel\* hefUP Mttdng the cèvie into cerit ion e wl nt assine anv Enshly for dena to asset (E TeH(NS caisad by mprver handine or faire th oserve the safety nstnuctions or hevarcd wammes. Por vefety ancd licens ing rne. umithwried conversiom andor madfication of thP device ië not remited. o nut emeed the maximum Tem iitle currnt in ca\* f hiaer bxds ite a contactur f xdecauaste suwer. Make sIR th>t the sTlied volbae mat:tes the vahues setfed fur the ntnmePnt ThP device mst he xdecjately Irvectd frm water ani dust as Ter the alplcation and mut P acsessile va the 8 (f aDDIDTate txds Tle device mxt not le expCHd to extTreme tamperfira snieht. trng vliratcn or hah leels of himtx Operatdon cE insta let im is nt perm tecd uncer nfava lle amhent ccmdtioms auch as wete or exceive indu:tion lkexds OFHuenod ani dust. cEnbust iie gaHS, Vapus (E sokerts eH)eúally hieh-frayuncy nMe Ad oper(n or intalh ton dse ti hehtfreency felds sach aS wadng de viC. sew Dng maxhnes \*reess tmmitter. rado tems. SCR cntrroler et o nt install the \*nET Cahe nerhy sienal catie. TweT (ahle. kad cahle Please 1e the shielcd cathk whn the sensor (ale s knghthen hnever do nut mak it to mac:h

Ionær Please 1e the en<<r cahle withazt ane cutine or fhw. bemšh The device not a tuv and #hald te kept away frun cien ITEta lat ton wcrk must cnlv be cerriexd out hw suitaly aualfied rersonn=l whu are fimilbr with the havwarck imvcdvecd and with the evant reglatine. YCRI slinddht tönker with anvthineOr the pnxdu may mt he enecd or digitsemhed unes ¥(RI knm¥ w heit vcRire dHng Please ask us ahrut this uest iaminz

## Danger

Altenlion ! Never wcrk on electrical cmnections when lh e machme is swiLched m

## Erra message

**H.Office :** Ballyonsandan 1-ro, Jangan-eup, Gijang, Busan, Republic of Korea

**Factory:** Ballyonsandan 1-ro, Jangan-eup, Gijang, Busan, Republic of Korea

**Tel :** +82 (051) 819-0425~ 7

**FAX:** 82-51-819-4562

**E-mail:** [conotec@conotec.co.kr](mailto:conotec@conotec.co.kr)

**Homepage:** [www.conotec.co.kr](http://www.conotec.co.kr)

**This device works proper opera! i on with:**

**Surrounding Temp. :** 0°C~10 ° C

**Surrounding Hurni. :** below 80%RH

**Regular pa,ver :** 2ZJVAC



## Documents / Resources

A thumbnail image of the CONOTEC FOX-1004 Digital Temperature Controller User Manual cover, showing the product name and some technical specifications.	<p><b>CONOTEC FOX-1004 Digital Temperature Controller</b> [pdf] User Manual FOX-1004 Digital Temperature Controller, FOX-1004, Digital Temperature Controller, Temperatu re Controller, Controller</p>
---	--