



FOX

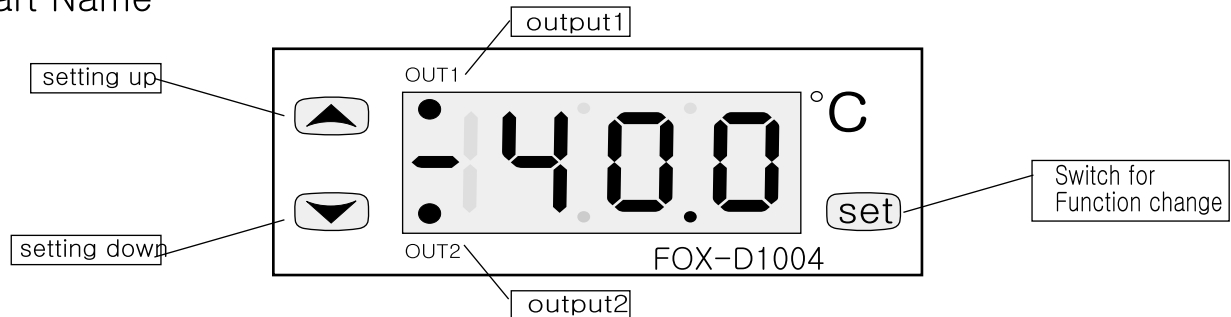
FOX – D1004

Explanatory for Auto Temp. Controller

MODEL	Temp.Range	Sensor	Output	Function
FOX-D1004	-40.0℃ ~ +90.0℃	Diod	2Relay	Cooling / heating co-control

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

1.Part Name



2.Changing User Mode / Installer Mode Function

● Changing User Mode

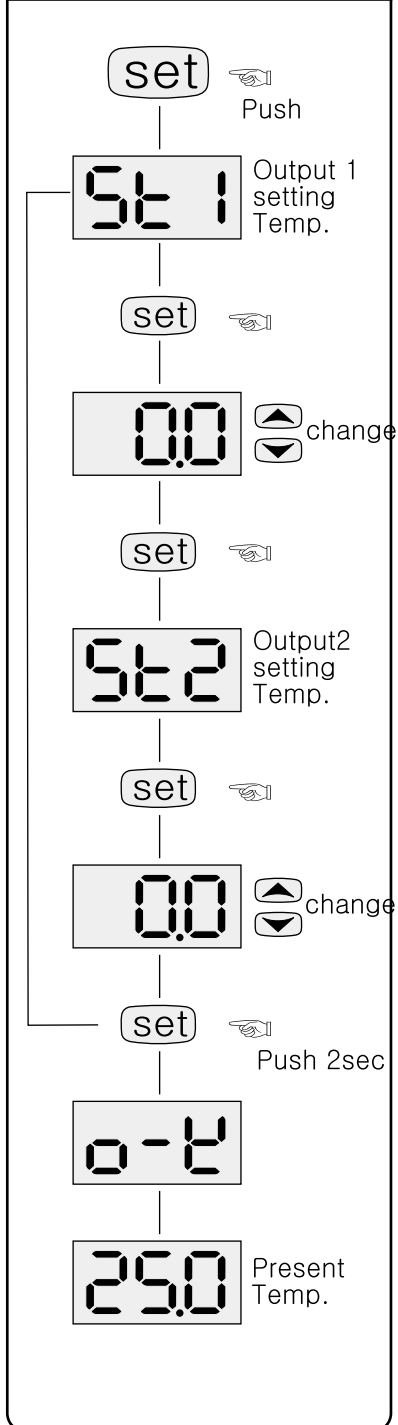
When **[set]** key push, showing **St 1** letter, and then push the key again to be flicked the setting temperature. (Output1, setting Temp.) Push **▲▼** key to change setting value and Push **[set]** key again, showing **St 2** letter and then push **[set]** key more, flickering setting Temp. (Output2 setting Temp.) Push **▲▼** key to change setting value

● Setting for installer Mode Function

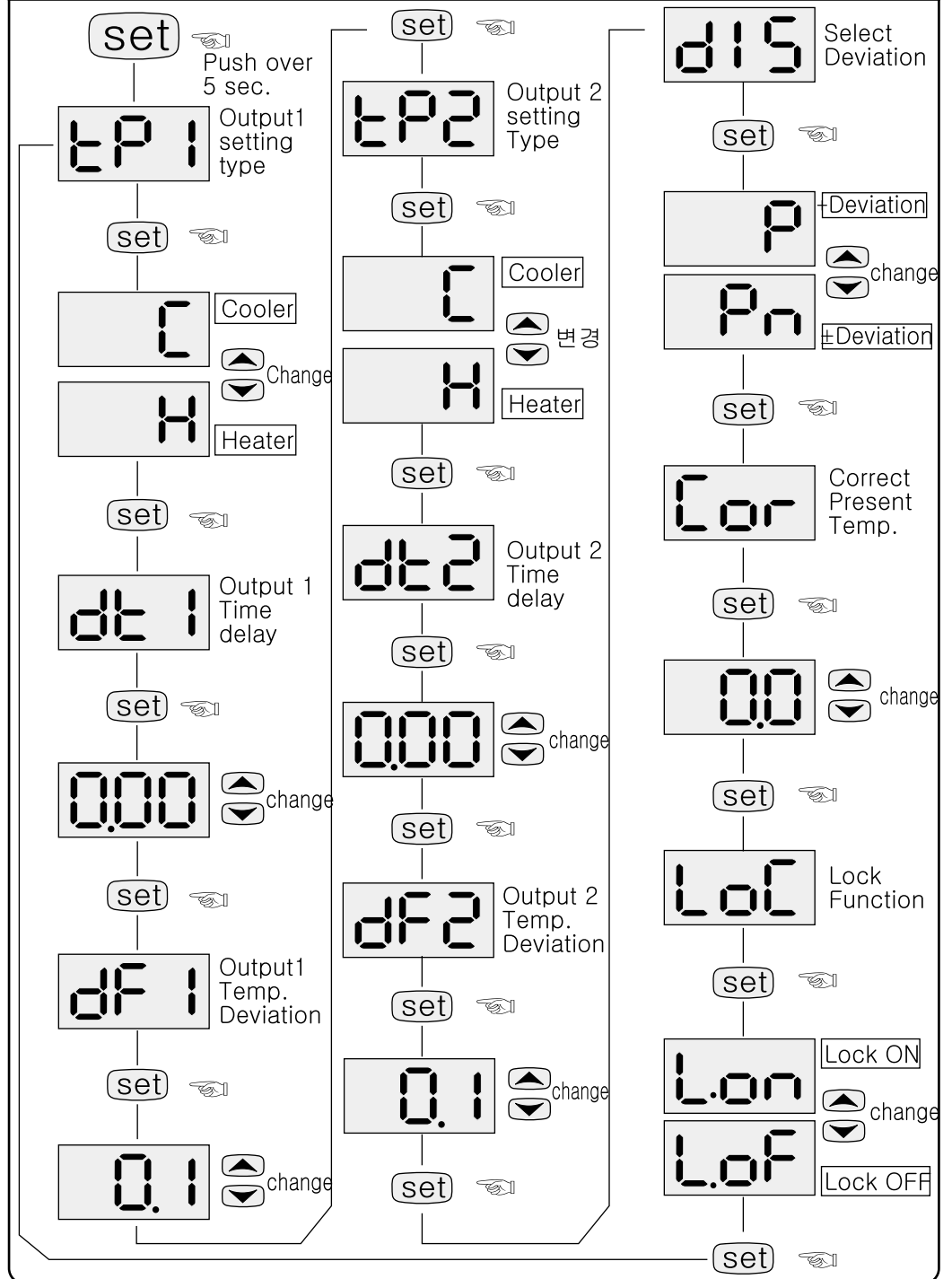
When push **[set]** key over 5 second, set as following order TP1(Output 1 setting Type) DT1 (Output 1 Time delay), DF1(Output 1 Temp. Deviation), TP2(Output 2 setting Type), DT2 (Output 2 Time delay), DF2(Output 2 Temp. Deviation) DIS (Select deviation), COR (Correct present Temp.) LOC(Lock function) setting each Mode should change **▲▼** key, to move next mode, push **[set]** key.

Function			Model	FOX-D1004	Setting value when deliver	Remarks
			Indication			
User setting Mode (Setting Temp.)	Output 1 setting Temp.		St 1	-40.0 ~ 90.0℃	10.0	
	Output 2 setting Temp.		St 2	-40.0 ~ 90.0℃	10.0	
Installer setting Mode	Output 1	select Type	TP1	Cooling / Heating	C	
		Time delay	dt 1	0.00~19min59sec	0.00	
		Temp.deviation	df 1	0.1 ~ 19.9℃	0.1	
	Output 2	Select type	TP2	Cooling / Heating	C	
		Time delay	dt 2	0.00~19min59sec	0.00	
		Temp Deviation	df 2	0.1 ~ 19.9℃	0.1	
	Select deviation		dis	+ Deciation	P	
				±Deviation		
	Correct present Temp.		Cor	-10.0 ~ 10.0℃		
	Lock Function		Loc	Lock Function ON besides setting Temp.	L.oF	
				Lock Function OFF		

Setting Temp.

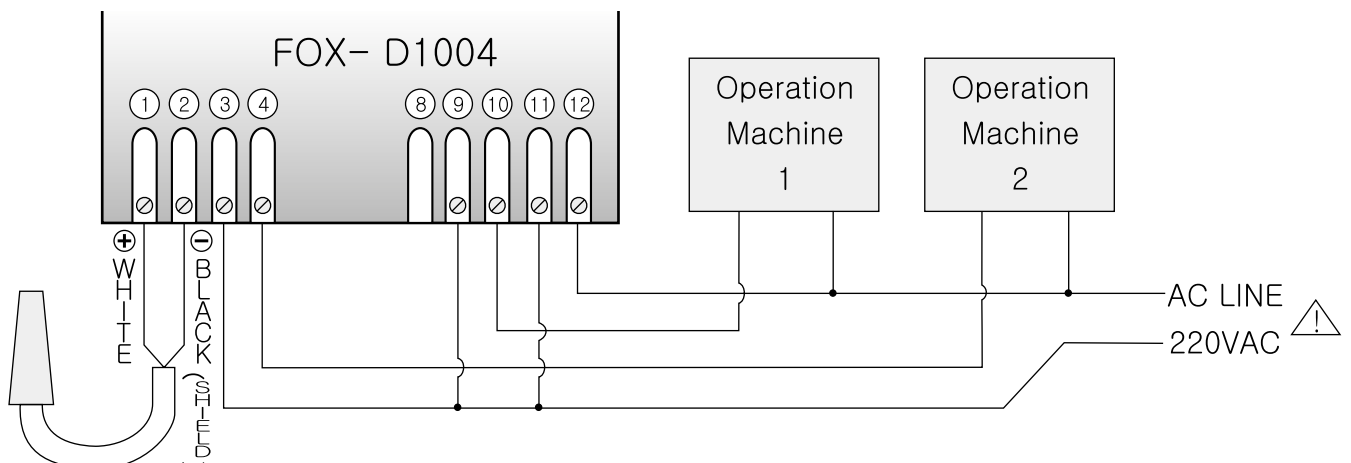


Setting for Installer Mode (Program)

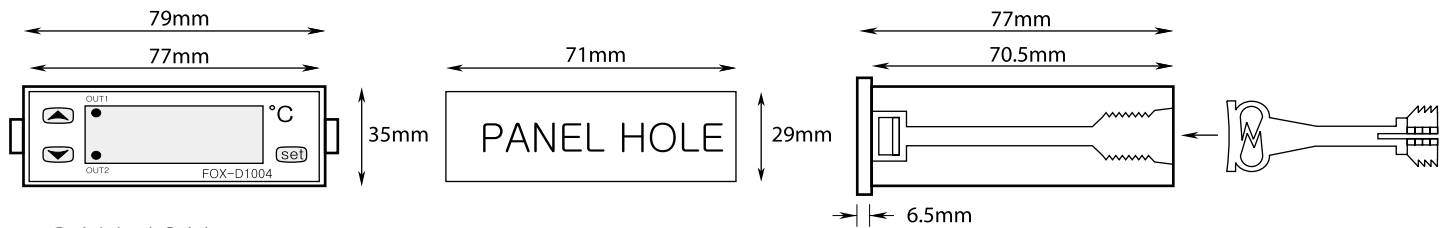


※ All programs push **set** key once after setting off and then, be closed after confirmatin of **o-h** letter or return at present temperature attomatically after 10 sec.

3.Connection



4.4.SIZE & Dimesion



5.CAUTION

⚠ Warning

Pls use this item after set up safety device doubly in which is applied at dangerous equipment such as serious human injury or serious damages of property & important machine because this item is not designed as safety device.

⚠ Caution

- Do not install the near induction load of Big motor, solenoid or same power with other device
- Pls use shield wire when sensor lengthen and do not lengthen too long.
- Do not install the devices of occuring arks when on/off. contact switches or same power.
- Power line keep away from high-voltage and do not install the device where in water, oil and dust.
- Do not install the device from direct rays of the sun & exposed place in rain.
- Do not install the device from strong magnet & noise, vibration or shock.
- Do not sprinkle with water for clean purpose when installing in the kitchen.
- Do not install the device from the places Temp./Humi. are over regular power.
- Pls use the sensor wire without any cutting & flawing.
- Do not install the sensor wire near by signal wire, power or load and use self-pipe.
- Pls understand you will not receive any A/S when open & re-model with free.
- ⚠ is the safety letter like warning, caution in the connetion.
- Pls do not use the device near by in which occur strong high-frequency noise (high-frequency;welding, sewing machine, wireless SCR controller for high capacity)
- Pls use this item proper method as specified with manufacturer without any damage or injury.

⚡ Danger

■ Caution, Danger of electric shock

- Electric shock - Do not touch AC board on power because of eletric shock.
- Pls intercept surely power input when checking power input.

The way of diagnosis for breakdown

■ Indicating ERROR on using items (E-)

- This case is the damage of memory data for various of inner-Data due to be noised strongly from outside on using items. Pls request us A/S by return. Although our controller is devised with the complementary measures on these noise from outside, it is not endurable these noise with endlessly. If noise (2kv) disordering inflow, the inner-part will be damaged.
- When shows these letter **E-1** (open error) **E-2** (short error) , errors in sensor. pls check sensor.

※ Above products information can be changed to improve it's quality without any notification
When this products use, pls observe the information of caution & Warning due to give rise to disordering.

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⚠ This device works proper operation with;
Surrounding Temp. : 0℃ ~ 60℃
Surrounding Humi. : below 80%RH
Regular power : 220VAC