

CONOTEC

CONOTEC CO., LTD.
DIGITAL TEMPERATURE CONTROLLER



DSFOX – SLW30

Instruction Manual



a detailed description

- Keep this product away from any place that generates strong alkaline or acid substances. Use a separate pipe.
- Do not sprinkle water onto this product for cleaning when installing it in the kitchen.
- Do not install this product in any place where the temperature/humidity ratings are exceeded
- The sensor cable should not be cut or cracked..
- Keep the sensor cable away from a signal cable, a power cable or a load cable. Use a separate pipe.
- Keep in mind that the follow-up service will not be available if this product has been arbitrarily disassembled and modified
- symbol on the terminal wiring diagram indicates a safety statement that alerts a warning or caution.
- Do not use this product near any device generating strong high-frequency noise (e.g. high-frequency welding machine, high-frequency sewing machine, high-frequency radio, large-capacity SCR controller, etc.).
- Using this product in any method other than those specified by the manufacturer may lead an injury or a property damage
- The product is not a toy. Keep it away from children.
- The product should be installed only by an expert or a qualified person.
- The company will not be liable for any damage caused by the violation of the above warnings and cautions or by a consumer's fault

⚠ Danger

Caution: Risk of electric shock

- Electric shock – Do not touch the AC terminal while the current is flowing. It may cause an electric shock.
- You must disconnect the input power when servicing it.

02 Model Types

Model	Sensor	Control Type	Temperature Range	Power	Function
DSFOX-SLW30 (for freezing)	NTC 10K	Relay contact (3EA) Evhaun capacity (5A)	Celsius : - 55.0 ℃ ~ + 99.9 ℃ Fahrenheit : - 60 ℉ ~ + 200 ℉	100~240 VAC 50/60Hz	Comp control Defrosting control FAN control WIFI Communications

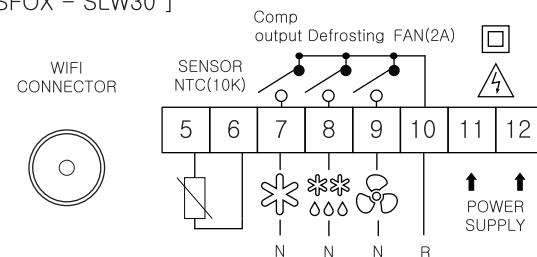
03 Components



- Comp output display
- Defrosting output display
- Fan output display
- SET switch
- Defrost & Previous Key
- Up switch
- Down switch
- Temperature unit
- Anti-low temperature output display
- Show server connection status

04 Terminal wiring diagram

[DSFOX – SLW30]



- ※ Output : 250VAC 2A; A power relay or a magnet must be used.
- ※ Be careful that any load over the contact capacity may cause contact fusion, contact defect, relay damage or others.
- ※ Ethernet cables are sold separately and are not included as basic components.

05 Setting process

Setting Method

Name	Image	Description
Set key	SET	Change temperature settings and program settings Select and save data values
Defrost key/Back key	●	Manual defrosting ON/OFF Go to the previous menu when setting up a program
Up/Down key	▲ / ▼	Increment/decrement of the selected menu data

■ Chance of the temperature output's set temperature (temperature setting)

- If you press the **SET** key once, the setting will blink and be displayed.
- Increase or decrease the setting with the **▲** or **▼** key

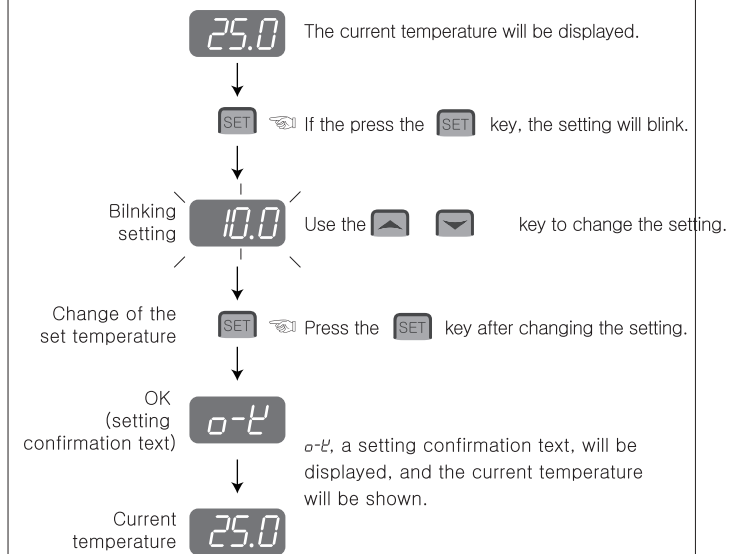
■ Installer mode settings (Program settings)

- Press the **SET** key for at least 5 seconds to enter into the installer mode.
- Configure the program based on the temperature program configuration diagram.
- Press **●** key for Enter the previous setting menu (*Program setting mode only)

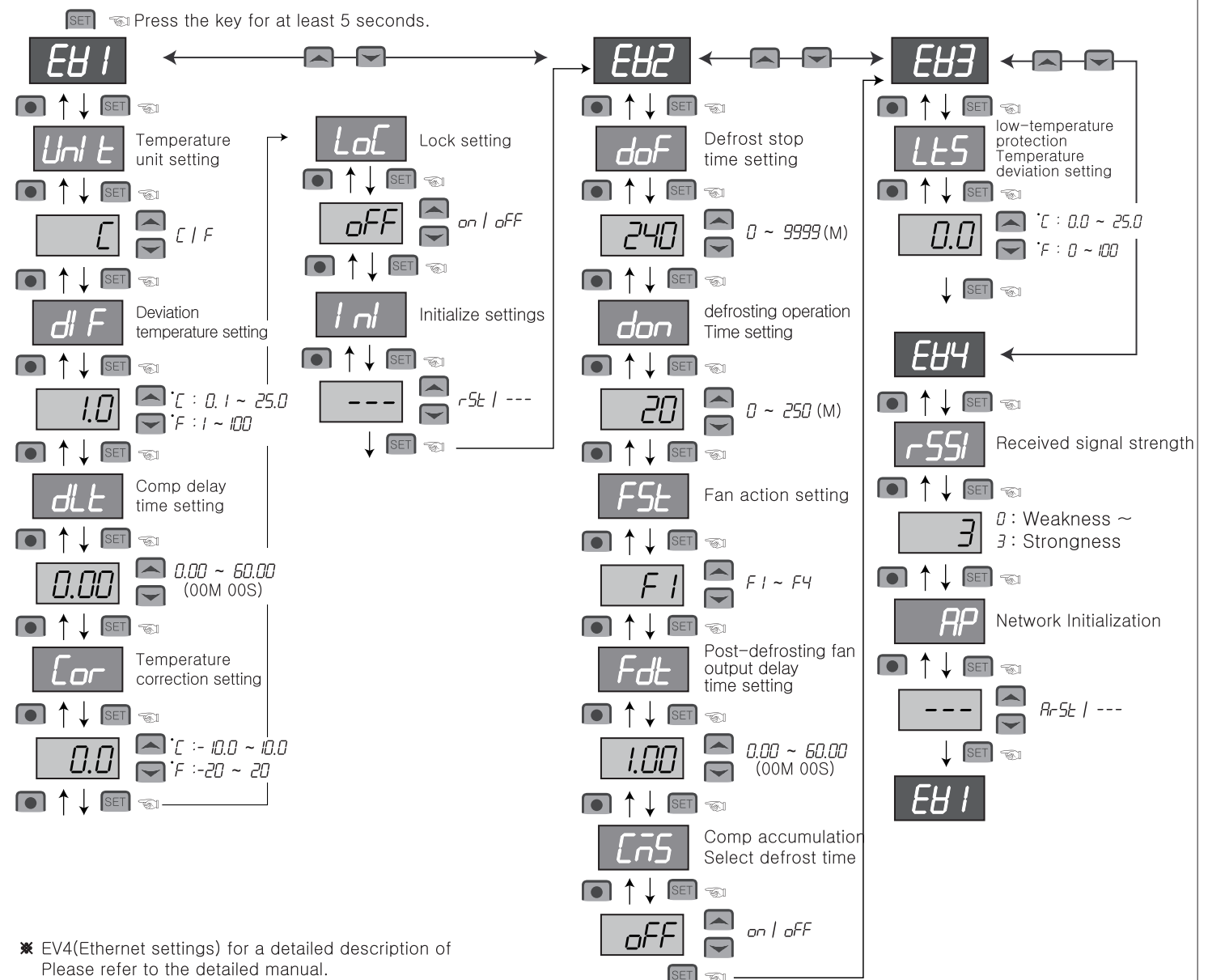
■ System running / Stopping

- In the running mode : System shut down by pushing **●** + **▲**
- In the stop mode : System runs by pushing **●** + **▲**

Temperature Setting



Program Setting (The value of each item is the factory setting.)



- ※ EV4(Ethernet settings) for a detailed description of Please refer to the detailed manual.

- A user manual for this product is posted on the company website.
- Please download the technical document and communications manual on the company website

01 Safety precautions

Please read the safety precautions carefully for correct operation of the product.

- ※ The specifications and dimensions specified in this instruction manual may be changed without any notice for performance enhancement.

⚠ Warning

- This product was not made as a safe device. Therefore, this product should be attached with dual safety devices if it is used for the control purposes (e.g. a device vulnerable to accident and property damage, etc.).
- Do not wire, inspect or service this product while the power is being supplied.
- You must attach this product to a panel. Otherwise, it may cause an electric shock.
- When connecting the power, you must check the terminal number.
- Do not ever disassemble, process, modify or repair this product.

⚠ Caution

- Please make yourself familiar with all the operation instructions, safety precautions and warnings before using this product. Comply with related specifications and capacity requirements
- Do not wire or install this product to any unit with high inductive load (e.g. motor, solenoid, etc.).
- Use a shielded cable with a proper length when extending a sensor.
- Do not use any part that generates an arc when used in the same power or directly switched in close proximity.
- Keep the power cable away from a high-voltage cable and do not install this product in any place that is full of water, oil and dust.
- Do not install this product in any place that is exposed to direct sunlight or rain.
- Do not install this product in any place that is subject to strong magnetic power, noise, vibration or shock.

