# **HIPERS HEATERS**

### **USER MANUAL**

- Thank you for purchasing the HIPERS Heater. Please read this user manual carefully before you operate this heater.
- It is recommended that you put this manual where the user can easily find it. It is obligatory that the user read "Notice for Safety" carefully before using, and they should be aware of this notice whenever using this heater.
- This heater is designed for your country only. If you use it in another coun try, you have to check the electricity first, and if the electricity condition is the same, you can use it.
- A warranty card is enveloped in this manual.
- The contents (features and specifications) in this manual are subject to change without notice.





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### NOTICE FOR SAFETY

This is for protecting the user's safety and preventing any property damage. Please read carefully and follow the instructions in this manual. It is classified as "Warning" and "Caution" by the contents.

**WARNING** In cases of misuse, it may cause serious wounds or death. **CAUTION** In cases of misuse, it may cause a slight injury or property damage.

#### Meaning of symbols

🔍 Forbidden 🛛 🛕 Obligatory

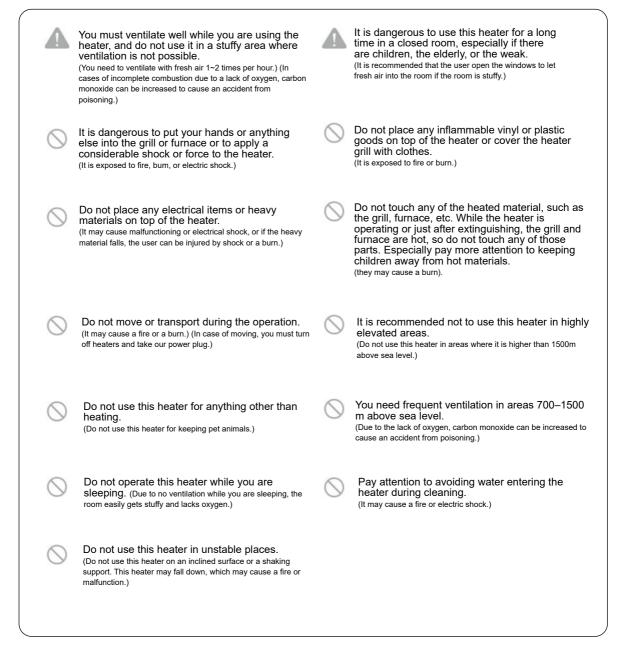
### WARNING

|            | Use an AC 220/230V (50 Hz) power supply only.<br>(Otherwise, it may cause a fire or an electric shock.)   |            | Use the proper fuse.<br>(Otherwise, it may cause malfunctioning or a fire.)  |
|------------|---|------------|--|
|            | In the case of cleaning, you must take out the<br>plug from the outlet and wait until the<br>furnace is cooled down sufficiently.<br>(Otherwise, it may cause an electric shock or a burn.) |            | Put a plug into the outlet tightly with Earth (-)<br>only.<br>(It may cause an electric shock.)                        |
| Δ          | It is dangerous to turn off this heater by taking out the power plug.   |            | Please turn it off using the ON/OFF button.<br>(Otherwise, it may cause an electric shock or a burn.)                  |
|            | (It may cause a malfunction or electrical shock.)   | $\bigcirc$ | Do not fold the power cord or put heavy<br>material on it.<br>(It may be damaged by the covering material, which might |
| $\bigcirc$ | Do not use a damaged power cord or plug<br>or a loose outlet.   |            | cause a fire or an electric shock.)  |
|            | (It may cause shorts, fire, or a shock.)  | $\bigcirc$ | Do not place any inflammable material near the heater, including curtains, carpet,                                     |
| $\bigcirc$ | Do not take out the plug while holding the cord or with wet hands.  |            | paper, match, clothes, etc.<br>(It is exposed to the danger of fire or a burn.)  |
|            | (It may cause a fire or an electric shock.)   | $\bigcirc$ | Do not place or use any inflammable near the   |
| $\bigcirc$ | Do not extend the power cord with connect-<br>ing another cable in the middle.<br>(It may cause a fire or an electric shock.)   | 0          | heater, including fuel, gas, thinner, benzene,<br>spray, solvents, volatile organic compounds,<br>etc.                 |
|            |   |            | (It is exposed to the danger of fire or explosion.)  |

\* Place this manual noticeably near the heater so that, if necessary, the user can always find it easily.

## NOTICE FOR SAFETY

### CAUTION



\* Place this manual noticeably near the heater so that, if necessary, the user can always find it easily.

## NOTICE FOR SAFETY

### CAUTION

When storing this heater, be sure that you store it in a dry place indoors instead of in a hot and Do not put this heater on an unstable surface of the ground, such as an inclined or bumpy humid environment. surface (The heater may not work.) (Otherwise, it gets rusty or goes into trouble.) Do not shower water on the heater directly, nor You must take the plug out of the outlet if there is a flash of lightening or thunder or if you haven't used it for a long time. use benzene, thinner, or alcohol for cleaning. (Otherwise, it is exposed to the danger of electrical shock, a short circuit, or a fire.) (Otherwise, it is exposed to the danger of electrical shock, a short circuit, or a fire.) If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, Do not put an excessive physical shock on or a similarly qualified person in order to avoid a the remote controller, and do not disassemhazard. ble it arbitrarily. (Otherwise, it is exposed to the danger of electrical shock, a short circuit, or a fire.) Call your local after-sales service agent in Do not operate this heater in a place where it gets wet from the humidity, such as a bathroom. case the power cord is damaged. (It may cause an electrical short circuit or an electrical shock (Otherwise, it is exposed to the danger of electric shock, a accident.) short circuit, or a fire.)

### **TIPS BEFORE INSTALLATION...**

1. Make sure the safety in the place where you wish to use this heater ensured.

The ground surface and surrounding area should be plain, non-flammable, and solid.

You need to have sufficient space surrounding the heater, at least 15cm from the wall and the left and right sides, and at least 1 meter from the

 vou need to use an exhaust duct when operating in small spaces

(Recommended duct specification: 75mm or more (diameter)

Be sure there are no raindrops entering the exhaust duct end.)

(You must ventilate frequently with fresh air by opening a window or fan.) You must put an extinguisher beside the heater.

- There must not be direct sunlight or excessive
- heat near the heater.

After you fix the installation, lock the caster to avoid unexpected movement.

Do not use this heater near a fabric, carpet, plastic, or vinyl curtain that may cover the heater in case of falling down, but in the wind or by any physical force that may cause a fire.

- The heater must not be located immediately below a socket outlet.
- Positioned so that the plug is accessible.

2. You must use diesel or kerosene as fuel.

If you use other fuel, it may cause excessive soot or malfunction.

In the case of refueling, make sure the heater is turned off.

To be made by the manufacturer or his service agent, who should be contacted if there is an oil leakage.

Regulations concerning the disposal of oil when scraping the appliance have to be followed.

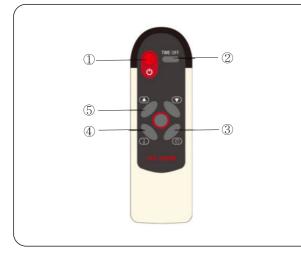
3. The proper electricity is 220/230V, 50 Hz. It will be applied and adjusted as per the customer's request. You must supply power as per its requirements only once they are adjusted.

## **STRUCTURE & DESCRIPTION**

#### STRUCTURE & DESCRIPTION FOR MODEL \* This design may be changed for improved efficiency.



### **REMOTE CONTROL**



#### 1. ON/OFF

When the heater turns ON or OFF, you can press this button.

#### 2. OFF TIMER

Every time you press this button, the heater repeats set-up and cancels.

#### 3. TIME SELECT BUTTON

To select the time control mode

#### 4. TEMP SELECT BUTTON

To select the temperature control mode.

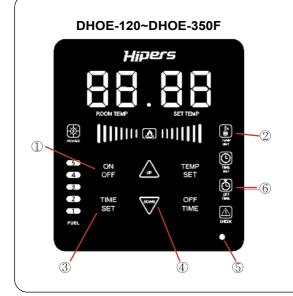
#### 5. UP / DOWN

To set or change the temperature or time

- (1) Connect the power cord of the heater to the outlet.
- 2 When you connect a power plug, the current temperature is displayed.
- 3 When you press the UP/DWON button, the desired temperature is displayed.
- (4) You can set the desired temperature between "0~40°C (1°C per press).

## **STRUCTURE & DESCRIPTION**

### **CONTROL PANEL**



#### 1. ON / OFF

- 2. TEMP SELECT BUTTON To select the temperature control mode.
- **3. TIME SELECT BUTTON** To select the time control mode.
- **4. UP / DOWN** To select the time control mode.
- 5. IR RECEIVER FOR REMOTE CONTROL

#### 6. OFF TIMER

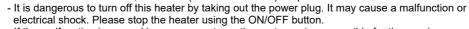
To select whether off-timer mode is operated or not.



CAUTION

#### 1. ON / OFF

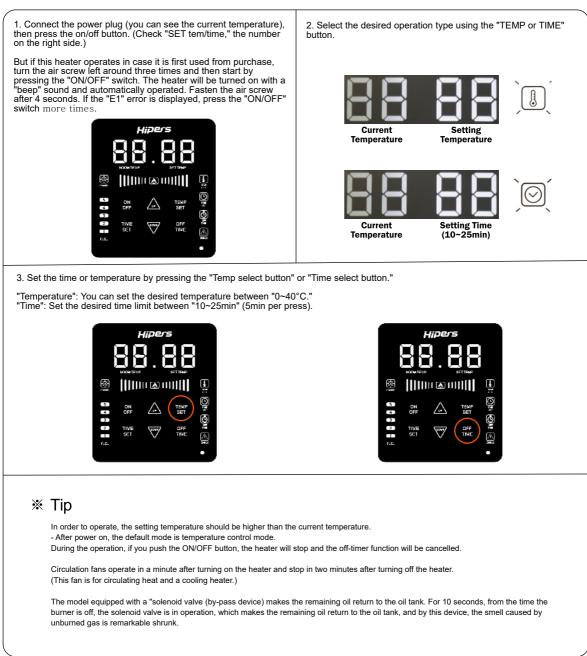
- 2. TEMP SELECT BUTTON To select the temperature control mode.
- **3. TIME SELECT BUTTON** To select the time control mode.
- 4. UP / DOWN To select the time control mode.
- 5. IR RECEIVER FOR REMOTE CONTROL
- 6. OFF TIMER To select whether off-timer mode is operated or not.
- When the heater turns off, the motor (to cool the heater) is operated.



- If the malfunction is caused by a power outage, the customer is responsible for the repair.

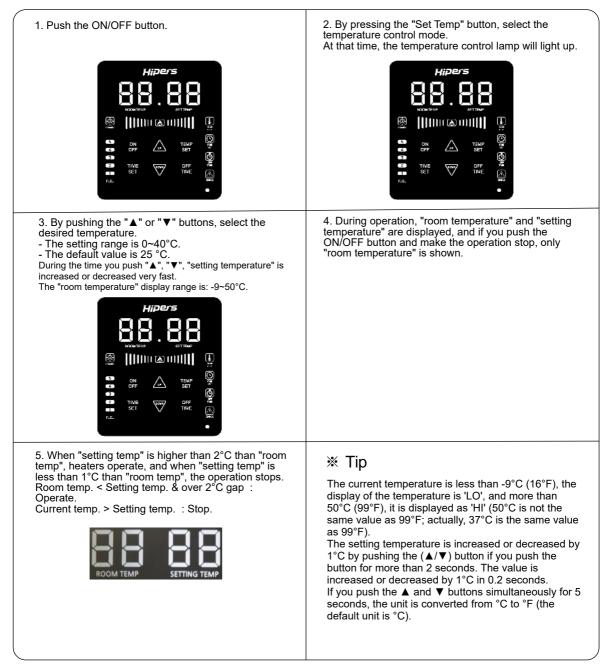
### **OPERATION & STOP**

#### DHOE-120~DHOE-350F



### **TEMPERATURE CONTROL**

This mode enables the user to set the desired temperature, and once it is fixed, this heater works automatically, running and stopping repeatedly to meet this temperature. (If power is on and the heater starts operation, the temperature control mode will be operated by default.)



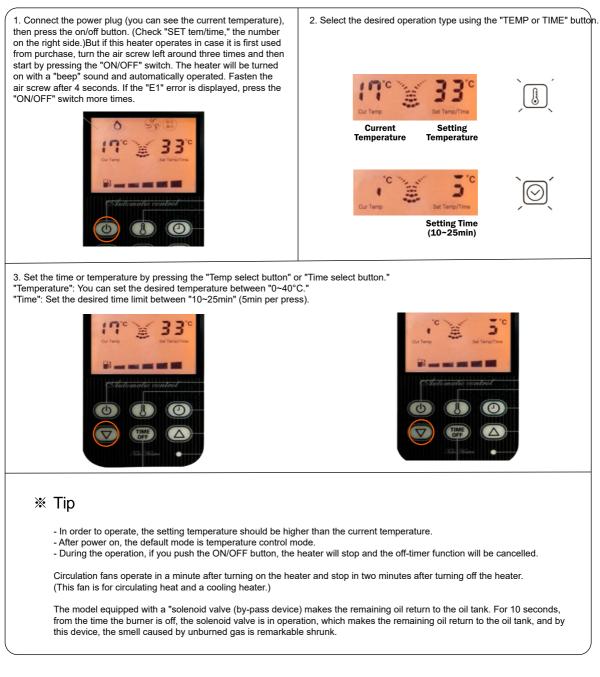
### TIME CONTROL

This mode enables the user to set the desired time, and once it is fixed, this heater works automatically, running and stopping repeatedly to meet this time. (If power is on and the heater starts operation, the temperature control mode will be operated by default.)

| 1. Push the ON/OFF button.   | 2. By pushing the "Set Time" button, select time control mode.<br>At that time, the time control lamp is lit.  |
|--|--|
| Hipters  | Hipers<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Aratike<br>Arat |
| <ul> <li>3. By pushing the "▲" or "▼" buttons, select the desired time.</li> <li>The setting range is 10~25 min.</li> <li>The default value is 25 °C.</li> <li>Each time the "▲" and "▼" buttons are pressed, the time changes by 5 minutes.</li> <li>ex1)5 minutes setting: repeat 5 minutes operation + 5 minute break.</li> <li>ex2) 25-minute setting: repeat 25-minute operation + 5-minute break.</li> </ul> |  |
|  |  |
|  |  |

### **OPERATION & STOP**

#### DHOE-90

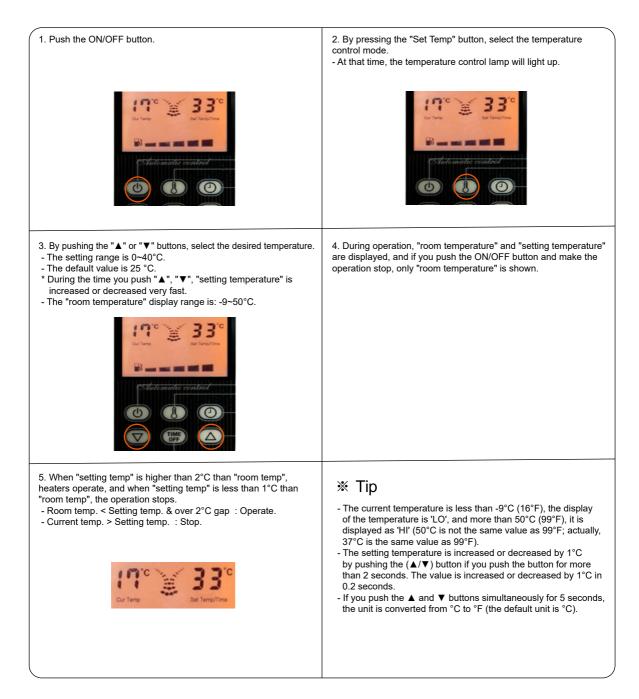




### **TEMPERATURE CONTROL**

This mode enables the user to set the desired temperature, and once it is fixed, this heater works automatically, running and stopping repeatedly to meet this temperature.

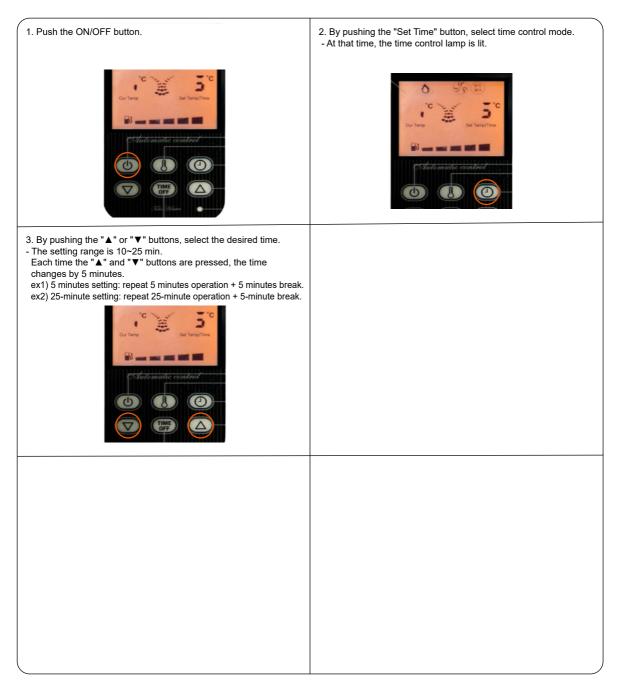
(If power is on and the heater starts operation, the temperature control mode will be operated by default.)



### TIME CONTROL

This mode enables the user to set the desired temperature, and once it is fixed, this heater works automatically, running and stopping repeatedly to meet this temperature.

(If power is on and the heater starts operation, the temperature control mode will be operated by default.)



### ITEMS TO CHECK BEFORE INFROMING OF TROUBLE

| If the following error o                        | r trouble signs are di  | splayed on the operation panel  |
|---|---|---|
| Displayed<br>messages                           | Description<br>of troubles  | Items to check and required actions   |
| E1. No ignition                                 | The burner is misfiring   | - The lack of fuel<br>- There is air in the fuel tube (▶air discharge).<br>- Photocell pollution (▶ cleaning)   |
| E2. Photecell (flame sensor)                    | Photocell trouble Detrction<br>of residual flame  | <ul> <li>Unpluged Photocell (▶ plug), Phototube Trouble (▶ exchange)<br/>If the heater is stopped just after ignition, there is residual flame<br/>(no change; ▶ Re-operation).</li> </ul>  |
| E3. Temperature sensor                          | Temperature sensor trouble  | - Check if the temperature sensor connector is loosening.<br>(Firmly connect the connector if it is loosened.)  |
| E4. Overheating sensor                          | The product is overheated   | Check if there are any nump signs inside the burner. (Ask the survivor.)     Check if the overheat protector wire is disconnected.     (Operate the heater again after connecting the wire.)  |
| E5. Slope                                       | Tile of heater  | <ul> <li>Check if the heater is moved (a tilt may occur if the heater is shaken<br/>or moved). Operate the heater again.</li> <li>The inversion switch wire is disconnected. (Operate the heater again<br/>after connecting the wire.)</li> </ul> |
| E6. Lack of fuel                                | Lack of fuel  | - Refuel and operate.   |
| E7.   |   |   |
| E8.   |   |   |
| <b>E9.</b> Poor communication with the main PCB | Burner fan motor if a data error<br>occurs more than three times or<br>the signal is disconnected for more<br>than one second during<br>communication with the main<br>PCB malfunction. | - Auto-release  |
| Н   | Temperature is above 50 °C  | - Check that the temperature sensor is installed inside.<br>(Install the sensor outside.)   |

If the troubles E1 ~ E9 occur, check the causes and take the required action.

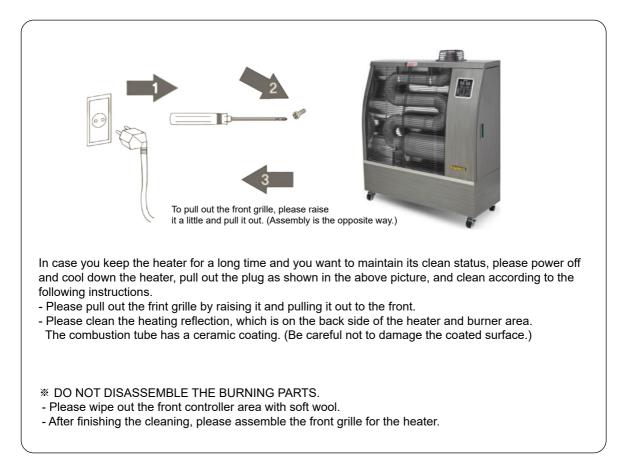
If you press the power button twice, you may restart the heater.

If the troubles persist even after taking the actions indicated in the below table,

| Troubles   | Items to check   | Required action                                 |
|--|--|---|
| All lamps on theoperation panel are turned off.        | - Power failure<br>- The power plug is unplugged.<br>- Fuse burns out.                                   | - Plugning<br>- Changing Fuse                   |
| The lamp is repeatedly turned off and turned on.       | - Select the time (check the lamp).  | - Select the temperature.                       |
| The heater is operated with no indication of oil.      | - Flowmeter wiring is unplugged.   | - Line connection                               |
| Something burning smells during the initial operation. | - Foreign substances are burned inside the gasket.   | - To disappear after 1 or 2 hours               |
| The fuel smell is unusual.                             | - There is a smell when the heater is<br>stopped as soon as it starts.<br>- On oil supply, spilling fuel | - Operate 15' or more.<br>- Remove spilled oil. |
| The room temperature is higher than the normal one.    | - Check if the location of the temperature sensor<br>(it may occur if the sensor is installed inside).   | - Fix the sensor at the correct position.       |

## **CLEANING & MAINTENANCE**

### **CLEANING & MAINTENANCE**



#### STORING

To store the heater, cool down the heater and plug out and wrap with plastic cover and keep in the well air-flowing place. You'd better consume all the oil in the tank.

**CAUTION** To keep a heater in an outdoor or humid place is a major cause of problems.

## DAILY CHECK POINTS & ADJUSTMENT

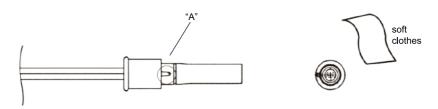
### DAILY CHECK POINTS

#### CLEAN OF FLAME SENSOR (Photocell, CDS)

- If the detection part of the photocell is contaminated by soot or other dirt, the performance can be lowered, which may cause a problem.

Please take out the photocell carefully, which is placed in the lower part of the burner.Please clean the detection part of the photocell with soft clothes.

Be sure a photocell is fixed correctly. (Mark "A" should be inserted fully.)



#### CLEAN OF COMPONENTS

- If you need to change components, please contact us.
- In case of a repair or exchange of components, please contact the service center operated by our distributor's head office.
- Do not try to repair this heater by non-licensed service personnel because it may cause a worse condition, so please contact the local service center or distributor that is designated by our company.

## DAILY CHECK POINTS & ADJUSTMENT

### ADJUSTMENT

▶ IN CASE OF SUDDEN STOP DURING OPERATION

- Please check if now is operating in the time control operation? If so, the heater can be rest for 5min.

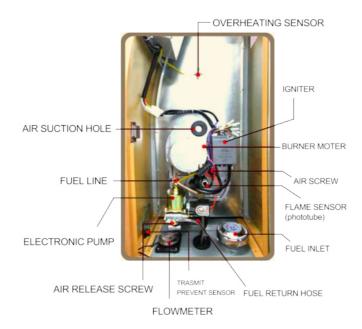
- Please check if now the setting temp, is less than the current temp.
- Please check if the heater is stop by pressing On/Off switch by remote controller or front controller.
- Please check if the heater is stop by sleep timer function.
- Please check if the heater is stop by auto-self-checking.

#### ► AIR FLOW-OUT

- In case that Electric pump so noisy and burner no ignition, main cause of the problem is air flow into the electric pump and not distribute oil. If oil is all consumed without remaining in the tank, air can be flow into inside electric pump.
- The method to flow-out air
  - Operate the heater
  - When the electric pump operated , turn on the air outflow screw to counter-clockwise. And you wait till air flow out and oil start to come out.
  - When you see oil start to come out, turn off the air outflow screw to clockwise (In case much air inside, please repeat same way 2~3times.)

#### ▶ DETAIL OF BURNER STRUCTURE

When you contact service person with a problem, please refer the below detail structure of the burner.



## TROUBLE SHOOTING

Please check the points below before you think trouble has occurred.



Is Fuel enough?

Is Flame sensor clean?

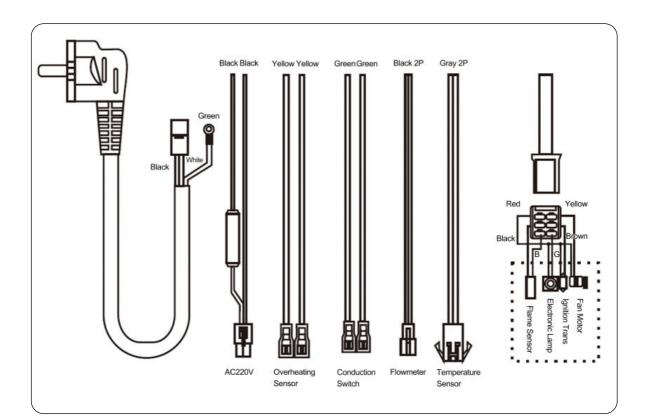
| Pf                              | ROBLEM  | CAUSE   | SOLUTION   |
|---------------------------------|---|---|--|
|                                 | No power supply?  |   | Check if the power supply is proper.<br>(ex. 220/230Vac, 50Hz)                               |
| NO<br>OPERATION                 | Check that the power plug is disconnected.                        |   | Plug the power plug into the outlet.   |
|                                 | Is the fuse short?  |   | Replace the fuse with a new one.<br>(250Vac, 3.15A)  |
|                                 | "Lack of Fuel" light on?  | Lack of fuel                                  | Fill it up with kerosene from the diesel.<br>Do not mix or use these two different<br>fuels. |
|                                 | Is the set temperature<br>lower than the<br>current temperature?  |   | Set the temperature to be higher than the current (room) temperature.                        |
| NO FAN<br>MOTOR<br>OPERATED     | Is the misfire lamp on?   | Air in the electric pump.                     | Remove the air from the electric pump.<br>(Refer to page 13.)                                |
|                                 | Is the overheating lamp on?                                       | Under the operation of overheating prevention | Ventilate with fresh air in the room and turn off the heater for a while.                    |
|                                 | Can you see "E2"<br>on the display?                               | Error on temperature sensor                   | Select timer control mode from temperature control mode.                                     |
|                                 | Is the fuel filter stuffy?  | Filter is contaminated.                       | Clean the filter with compressed air, or replace it with a new one.                          |
| NO IGNITION<br>ON THE<br>BURNER | ls the air suction valve<br>adjusted excessively<br>or too small? |   | Call the after-sales service agent.  |
|                                 | The voltage is low.   | In cases of low voltage                       | The burner will not work properly, so<br>use a booster to elevate the voltage.<br>(A/S)      |

## TROUBLE SHOOTING

| PROBLEM                         |   | CAUSE  | SOLUTION   |  |
|---------------------------------|---|--|--|--|
|                                 | "Lack of Fuel" light ON?                                      | Running out of fuel                            | Fill up the fuel.  |  |
|                                 | Check if the fuel if<br>Diesel of kerosene                    | It may cause less<br>performance & trouble     | Drain the existing fuel and fill with<br>Diesel of kerosene only.        |  |
| IMMEDIATE<br>STOP JUST<br>AFTER | Water of ant other impurities on fuel?                        | It may cause less performance & trouble        | Replace the fuel with good quality one                                   |  |
| IGNITION                        | Is flame sensor<br>located well?                              | In different position,<br>it causes an error   | Place the sensor in original location.                                   |  |
|                                 | Is flame sensor dirty?  | Error because of soot of dirt                  | Call after sales service agent.  |  |
|                                 | Noise in fuel pump?   | Excessive air in the pump and nozzle.          | Remove the air in the electric pump.                                     |  |
|                                 | Check if the fuel if<br>Diesel of kerosene                    | It may cause less performance & trouble        | Drain the existing fuel and fill with<br>Diesel of kerosene only.        |  |
| EXCESSIVE                       | Water of ant other impurities on fuel?                        | It may cause less performance & trouble        | Replace the fuel with good quality one                                   |  |
| SOOT IS<br>GENERATED            | Is air suction valve<br>adjusted excessively<br>or too small? | Error on<br>Temperature sensor                 | Call after sales service agent.  |  |
|                                 | Is tube clogged?  | Smoke may flow backward                        | Clean the tube by removing soot inside of tube, of replace with new one. |  |
| NOISE IN<br>BURNER              | Is Fuel filter stuffy?  | Dirty filter with impurities and contamination | Clean or replace with new one  |  |
|                                 | Noise in fuel pump?   | Excessive air in the<br>pump and nozzle        | Remove the air in the electric pump.                                     |  |

## SPECIFICATION

| Model  | DHOE-90                 | DHOE-120                           | DHOE-150                 | DHOE-210                 | DHOE-250                              | DHOE-350       |
|--|-------------------------|------------------------------------|--------------------------|--------------------------|---------------------------------------|----------------|
| Fuel   | Green Diesel            | Green Diesel                       | Green Diesel             | Green Diesel             | Green Diesel                          | Green Diesel   |
| Heating Output (kcal/h)                      | 9,000                   | 12,000                             | 15,000                   | 21,000                   | 25,000                                | 35,000         |
| Fuel Consumption ( <i>l</i> /h)              | 1.0                     | 1.2                                | 1.5                      | 2.1                      | 2.3                                   | 3.8            |
| Heating Area                                 | 36 ~ 53 m²<br>(11~16PY) | 55 ~ 88 <sup>m²</sup><br>(17~27PY) | 66 ~ 133 m²<br>(20~40PY) | 135 ~ 237 ㎡<br>(41~72PY) | 166 ~ 265 m <sup>2</sup><br>(50~80PY) | 231~330        |
| Electric Power<br>Consumption                | 50 W                    | 50 W                               | 50 W                     | 65 W                     | 110 W                                 | 120 W          |
| Size (WxDxH)                                 | 740x320x1020            | 940x320x1020                       | 1290x320x1020            | 1290x320x1190            | 1340x350x1420                         | 1370x4000x1750 |
| Weight                                       | 42 kg                   | 45 kg                              | 60 kg                    | 63 kg                    | 90 kg                                 | 116kg          |
| Used   | Heating                 | Heating                            | Heating                  | Heating                  | Heating                               | Heating        |
| Power Supply                                 | AC220V/50Hz             | AC220V/50Hz                        | AC220V/50Hz              | AC220V/50Hz              | AC220V/50Hz                           | AC220V/50Hz    |
| Tank Capacity                                | 28 ℓ                    | 30 <i>l</i>                        | 45 <i>l</i>              | 45 ℓ                     | 80                                    | 90             |
| Diameter of Somke Pipe<br>(in case of Using) | 90mm                    | 100mm                              | 100mm                    | 100mm                    | 100mm                                 | 100mm          |



## WARRANTY CARD

This **HIPERS** heater gives you more reliable performance, comfort, and durability the more you use it because it is produced under a strict quality assurance system, including various inspections during and after production, reliance tests, etc. In case you encounter any problems, please contact the local service agent or a distributor. If the problem occurs due to a production failure or a natural malfunction, we will offer you free repair service under our warranty clause.

#### GENERAL

- 1. The warranty period is months after the purchase date.
- If the problem is caused by the mistake or misuse of the customer, we will charge a repair cost even if it is within the warranty period.
- 2. This warranty card is valid within your country.
- 3. Please keep this warranty card for better service in case of trouble.
- 4. Please contact your local distributor or after-sales service agent.
- 5. Please fill out this form after purchasing.

| DESCRIPTION      | Portable infrared diesel heater |       |     |  |
|------------------|---------------------------------|-------|-----|--|
| MODEL            |                                 |       |     |  |
| DATE OF PURCHASE |                                 |       |     |  |
|                  |                                 |       |     |  |
| WARRANTY PERIOD  | ( ) Months                      | PRICE | U\$ |  |
| DISTRIBUTOR      | NAME OF COMPANY                 |       |     |  |
|                  | TELEPHONE NO.                   |       |     |  |
|                  |                                 |       |     |  |
|                  | NAME                            |       |     |  |
| CUSTOMER         | ADDRESS                         |       |     |  |
|                  | TELEPHONE NO.                   |       |     |  |
|                  |                                 |       |     |  |

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