

USER MANUAL



Thank you for purchasing the VELTRON 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 country, you have to check the electricity first, and if the electricity condition is the same, you can use it.
- ▶ This user manual includes a QR code for validating the warranty of this specific model.
- ▶ The contents (features and specifications) in this manual are subject to change without notice.

TABLE OF CONTENTS

1. NOTICE OF CONTENTS -----	(3 to 5)
2. INSTALLATION & SAFETY GUIDE -----	(6)
3. STRUCTURE & DESCRIPTION -----	(7 to 8)
4. HOW TO USE -----	(9 to 13)
5. FUELING & INITIAL SETUP -----	(14)
6. MAINTENANCE & SERVICE-----	(15 to 16)
7. ERROR CODE -----	(17)
8. TROUBLESHOOTING -----	(18 to 19)
9. TECHNICAL SPECIFICATIONS -----	(20)
10. CONNECTION DIAGRAM -----	(21)
11. WARRANTY -----	(22)

1. NOTICE OF CONTENTS

- ▶ 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.
(Otherwise, it may cause a fire or an electric shock.)



In the case of cleaning, you must take out the plug from the outlet and wait until the furnace is cooled down sufficiently.
(Otherwise, it may cause an electric shock or a burn.)



It is dangerous to turn off this heater by taking out the power plug.
(It may cause a malfunction or electrical shock.)



Do not use a damaged power cord or plug or a loose outlet.
(It may cause shorts, fire, or a shock.)



Do not take out the plug while holding the cord or with wet hands.
(It may cause a fire or an electric shock.)



Do not extend the power cord with connecting another cable in the middle.
(It may cause a fire or an electric shock.)



Use the proper fuse.
(Otherwise, it may cause malfunctioning or a fire.)



Put a plug into the outlet tightly with Earth (-) only.
(It may cause an electric shock.)



Please turn it off using the ON/OFF button.
(Otherwise, it may cause an electric shock or a burn.)



Do not fold the power cord or put heavy material on it.
(It may be damaged by the covering material, which might cause a fire or an electric shock.)



Do not place any inflammable material near the heater, including curtains, carpet, paper, match, clothes, etc.
(It is exposed to the danger of fire or a burn.)



Do not place or use any inflammable near the heater, including fuel, gas, thinner, benzene, spray, solvents, volatile organic compounds, etc.
(It is exposed to the danger of fire or explosion.)

1. NOTICE OF CONTENTS

CAUTION



When using the heater, ensure good ventilation and do not use it in stuffy places where ventilation is not possible.
(Ventilate with fresh air once or twice an hour.)
(In cases of incomplete combustion due to a lack of oxygen, carbon monoxide can be increased to cause an accident from poisoning.)



It is dangerous to put your hands or anything else into the grill or furnace or to apply a considerable shock or force to the heater.
(It is exposed to fire, burn, or electric shock.)



Do not place any electrical items or heavy materials on top of the heater.
(It may cause malfunctioning or electrical shock, or if the heavy material falls, the user can be injured by shock or a burn.)



Do not move or transport during the operation.
(It may cause a fire or a burn.)
(In case of moving, you must turn off heaters and take out power plug.)



Do not use this heater for anything other than heating.
(Do not use this heater for keeping pet animals.)



Do not operate this heater while you are sleeping.
(Due to no ventilation while you are sleeping, the room easily gets stuffy and lacks oxygen.)



Do not use this heater in unstable places.
(Do not use this heater on an inclined surface or a shaking support. This heater may fall down, which may cause a fire or malfunction.)



It is dangerous to use this heater for a long time in a closed room, especially if there are children, the elderly, or the weak.
(It is recommended that the user open the windows to let fresh air into the room if the room is stuffy.)



Do not place any inflammable vinyl or plastic goods on top of the heater or cover the heater grill with clothes.
(It is exposed to fire or burn.)



Do not touch any of the heated material, such as the grill, furnace, etc. While the heater is operating or just after extinguishing, the grill and furnace are hot, so do not touch any of those parts. Especially pay more attention to keeping children away from hot materials.
(May cause burns.)



It is recommended not to use this heater in highly elevated areas.
(Do not use this heater in areas where it is higher than 1500m above sea level.)



Frequent ventilation is required in areas between 700 and 1500 meters above sea level.
(Due to the lack of oxygen, carbon monoxide can be increased to cause an accident from poisoning.)



Pay attention to avoiding water entering the heater during cleaning.
(It may cause a fire or electric shock.)



When using an extension cord to power the heater, only use a 230V 1.5x3 rated rubber extension cord with grounding (IP44) with a maximum length of 20 meters, standard 3G 1.5mm², rated current 16A. The manufacturer or importer does not assume responsibility in case of a fire or any other electrical accident resulting from a damaged extension cord (e.g., run over by a forklift or crushed by a heavy object).

1. NOTICE OF CONTENTS

CAUTION



When storing this heater, be sure that you store it in a dry place indoors instead of in a hot and humid environment.
(Otherwise, it gets rusty or goes into trouble.)



Unplug the appliance from the outlet during lightning or thunderstorms or if it has not been used for a long period of time.
(Otherwise, it is exposed to the danger of electrical shock, a short circuit, or a fire.)



Do not drop or apply excessive force to the remote controller. Unauthorized disassembly may cause malfunction.



Call your local after-sales service agent in case the power cord is damaged.
(Otherwise, it is exposed to the danger of electric shock, a short circuit, or a fire.)



Do not put this heater on an unstable surface of the ground, such as an inclined or bumpy surface.
(The heater may not work.)



Do not spray water directly on the heater or use benzene, thinner, or alcohol to clean it.
(Otherwise, it is exposed to the danger of electrical shock, a short circuit, or a fire.)



If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified personnel to avoid a hazard.
(Otherwise, it is exposed to the danger of electrical shock, a short circuit, or a fire.)



Do not operate this heater in a place where it gets wet from the humidity, such as a bathroom.
(It may cause an electrical short circuit or an electrical shock accident.)

2. INSTALLATION & SAFETY GUIDE

1. Site Selection & Clearance

- ▷ Install on a flat, solid, and non-flammable surface. An inclined surface may cause uneven combustion and damage the burner. Lock the casters after positioning.
- ▷ Maintain at least 15cm from walls (left/right), 1m from the front, and 30cm from the ceiling (as per the exhaust diagram).
- ▷ Keep away from curtains, carpets, or plastic materials that could be moved by wind.
- ▷ Do not place directly below a power outlet. Ensure the power plug remains accessible.

2. Exhaust System (Standard Setup)

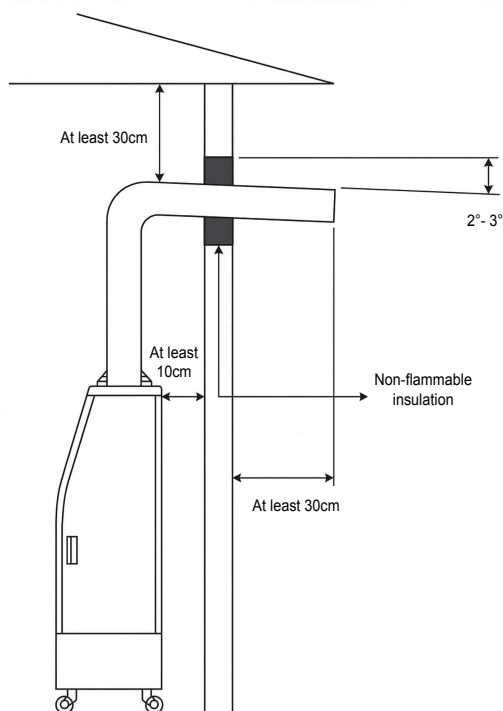
- ▷ Use Stainless Steel straight pipes (100mm diameter).
- ▷ Do NOT use flexible pipes. Flexible pipes can sag or trap soot, causing poor ventilation and fire hazards.
- ▷ Keep the length under 4m and no more than 3 joints (elbows).
- ▷ If the pipe is longer than 3m or has more than 2 joints, the internal catalyst must be removed.
- ▷ The outdoor section must be tilted 2° - 3° downward to prevent condensation or rain from flowing back.
- ▷ Use 3cm thick non-flammable insulation when passing through flammable walls.

3. Fuel & Electricity

- ▷ Use only Diesel or Kerosene. Gasoline will cause irreversible damage and soot.
- ▷ Always turn the heater OFF before refueling.
- ▷ Standard supply is 220/230V, 50Hz. Ensure stable power connection.

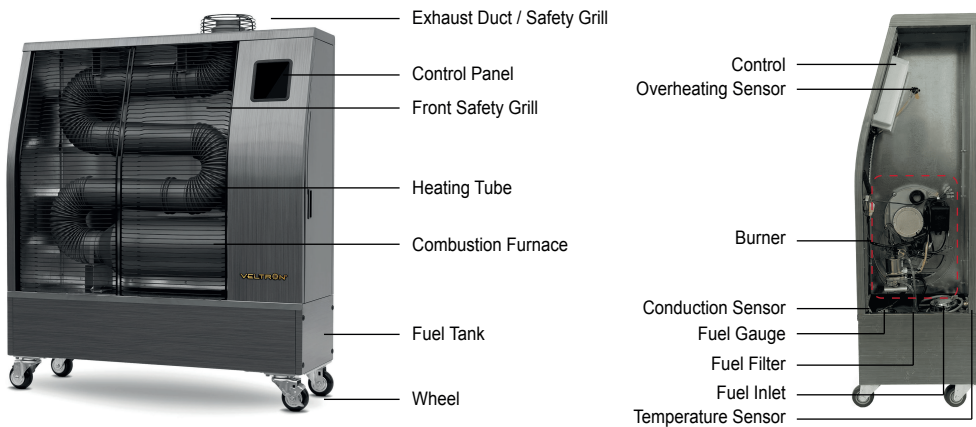
4. Safety Essentials

- ▷ Ventilation: Ensure constant fresh air flow.
- ▷ Keep a fire extinguisher within reach. Avoid direct sunlight or heat sources nearby.

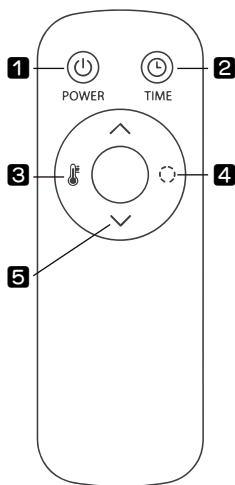


3. STRUCTURE & DESCRIPTION

HEATER



REMOTE CONTROL



1 POWER ON / OFF

▷ Press this button to turn the heater on and off.

2 OFF TIMER

▷ Press the [OFF-TIMER] button to set the automatic shutdown time. (in 1-hour increments)

3 TEMP MODE

▷ The heater operates according to the room temperature. (-5~40°C)

4 TIME MODE

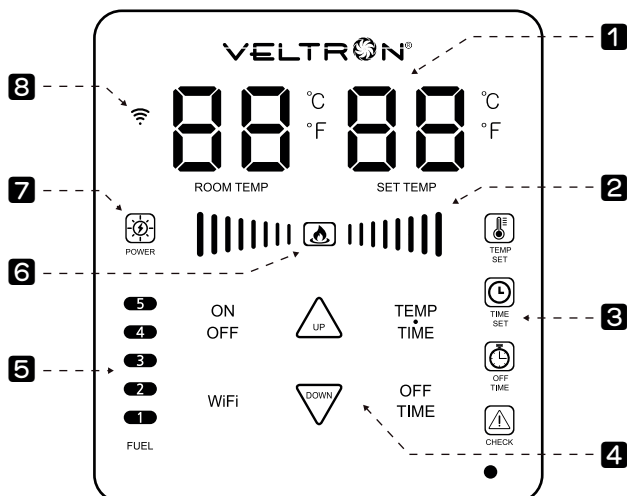
▷ The heater runs for a set time and pauses for 10 minutes repeatedly. (Repeat Cycle)

5 UP / DOWN

▷ Use the [UP / DOWN] buttons to set your desired temperature or operation time.

3. STRUCTURE & DESCRIPTION

CONTROL PANEL



1 LED DISPLAY

Displays temperature(C°/F°), timer, error codes, etc.

2 FAN INDICATOR

Displays when the fan is running.

3 STATUS INDICATOR

Displays status for Temp, Time, and Timer modes.
"CHECK" appears if an error occurs.

4 CONTROL BUTTON

Power Button

- ▷ Used to start or stop the heater operation.

Up / Down Buttons

- ▷ Used to adjust the Temperature or Operating Time.
- ▷ Temp: Adjustable from -5°C to 40°C in 1°C increments.
- ▷ Time: Adjustable for cyclic operation from 5 to 25 minutes, in 5-minute increments.

Mode Button (Temp / Time)

- ▷ Temp Mode: Operates when the current indoor temperature is -2°C lower than the set temperature.
- ▷ Time Mode: Operates on a repeated cycle of "Run" and "Stop" based on the set time.(stops for 10 mins)

Off Timer Button

- ▷ Sets the automatic shut-off time.
- ▷ Press the button to activate the timer, then use the Up/Down buttons to set the desired time in the 1-hour increments.

Wi-Fi Button

- ▷ Press and hold the Wi-Fi button for 3 seconds to enter pairing mode.
- ▷ Once in pairing mode, you can connect the heater to your network for remote control features.

5 FUEL GAUGE

Displays the current amount of fuel remaining in the tank.

6 IGNITION INDICATOR

Appears when the burner is ignited.

7 POWER INDICATOR

Appears when the heater is turned ON.

8 Wi-Fi Status Indicator

Pairing: LED flashes (Press Wi-Fi button)
Connected: LED stays solid ON
Failed: LED turns OFF (If not connected within 3 mins)

4. HOW TO USE

OPERATION

Power On



1. Initial Operation

- ▷ Press the ON/OFF button once.
- ▷ ON/OFF button LED changes from Red to White.
- ▷ The Digital Display turns ON.
 - Left: Current indoor temperature.
 - Right: Target temperature or operating time.
- ▷ Automatically restores previous settings. (Starts in Temperature Mode by default)

※ Next Steps

- ▷ Models with Preheater: The system will automatically proceed to the preheating stage. Please refer to the preheating section below.
- ▷ Models without Preheater: The system will skip preheating and proceed directly to ignition. Please refer to the mode selection on the next page.

Pre Heating



1. Purpose

- ▷ The preheater warms the internal components to melt any waxed fuel, ensuring a smooth and stable ignition process.

2. Activation

- ▷ The system starts an automatic 180-second countdown before the burner ignites.
- ▷ Once the countdown is complete, the pre-heater turns OFF, and the burner proceeds to ignition automatically.

3. Conditions

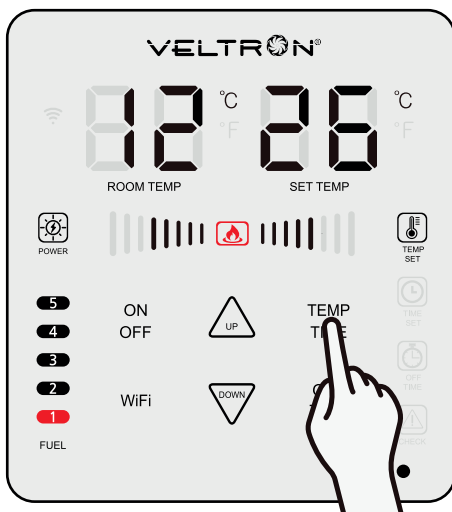
- ▷ Case 1: First Power Connection [Not Skippable]
 - First time turning the power ON after plugging in.
- ▷ Case 2: Low Ambient Temperature [Skippable]
 - Room temperature is below 10°C (50°F).
 - Applies if the heater has been OFF for 2+ hours.

※ Exception: Certain models do not include a preheating function (e.g., DHOE-350F, 500F).

4. HOW TO USE

MODE SELECTION (TEMP / TIME)

Temp Mode



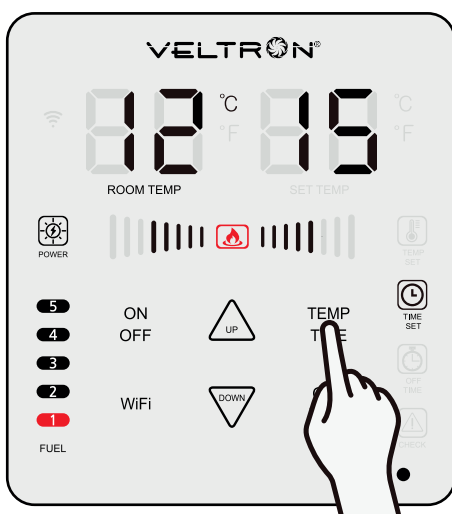
1. Mode Selection

- ▷ Press the [TEMP/TIME] button to toggle between the two operating modes.

2. Temperature Mode

- ▷ The heater maintains the room temperature based on target setting.
- ▷ Press [UP / DOWN] to set temperature. (Adjustable in 1°C increments)
- ▷ Range: -5°C ~ 40°C (23°F ~ 104°F).
- ▷ The burner starts if the room temperature is 2°C lower than the set temperature.
- ▷ The burner stops automatically once the room temperature reaches the set temperature.

Time Mode



1. Mode Selection

- ▷ Press the [TEMP/TIME] button to toggle between the two operating modes.

2. Time Mode (Cycle Control)

- ▷ The heater operates in repeated time cycles, regardless of the room temperature.
- ▷ Press [UP / DOWN] to set time. (Adjustable in 5 minute increments)
- ▷ Range: 5 ~ 25 minutes.
- ▷ The heater runs for the set duration and then pauses for 10 minutes.
- ▷ This cycle (Set Time ON / 10 min OFF) repeats continuously.

4. HOW TO USE

OFF TIMER & ERROR OCCURS

Off Timer



1. Scheduled Shutdown Function

- ▷ This function enables an automatic shutdown after a set number of hours.
- ▷ Press the [OFF TIME] button.
- ▷ Press [UP / DOWN] to set hours. (Adjustable in 1-hour increments)
- ▷ Range: 1 ~ 24 hours. (Default 3 hours)
- ▷ To Cancel: Press the [OFF TIME] button again or turn the unit OFF.

※ Note: After stopping, the fan continues to run for about 5 minutes to cool down the burner.

Error Occurs



1. ERROR OCCURS

- ▷ If the system detects an issue, it will immediately display a visual/audible alert.

2. Display & Alert Status

- ▷ A specific error code (e.g., E1, E2) will flash on the digital display.
- ▷ Error icon is displayed in red.
- ▷ A beeping sound will occur to notify the user.

※ If the issue persists after 2 or 3 restarts, please refer to the "Error Codes" page for detailed solutions.

4. HOW TO USE

SMART APP CONTROL (Wi-Fi)

Installing Application



- ▷ Search for "Smart Life" on the Apple App Store or Google Play Store.
- ▷ Download and install the application on your smartphone.

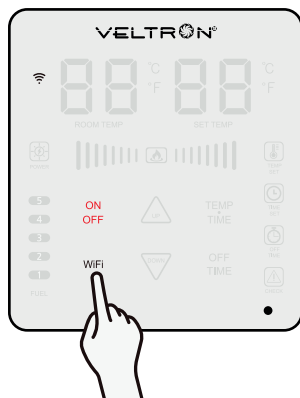
User Registration



- ▷ Open the app and tap "Sign Up".
- ▷ Follow the on-screen instructions to create an account using your email address.
- ▷ Complete the verification process to log in.
- ▷ "Try Now" (Guest Mode) button allows immediate access without an account.

※ Note: The application user interface (UI) may vary slightly depending on the app version or OS updates.

Connection Step 1



Heater Setting

- ▷ Press and hold the [WIFI] button on the heater for 3 seconds. The Wi-Fi indicator will flash. (Activate Pairing Mode)
- ▷ Can be activated in both Standby and Operating modes.

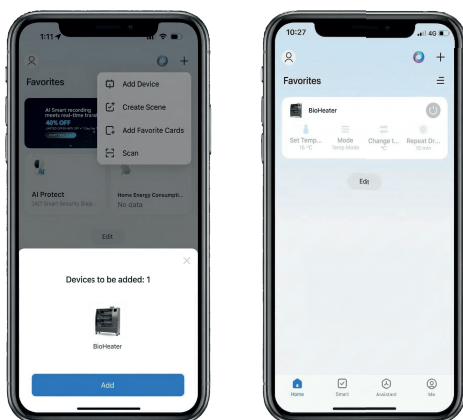
LED Indicator Status

- ▷ Pairing: Flashing (Searching for connection)
- ▷ Success: ON (Connection completed)
- ▷ Failure: OFF (Failed after 3 mins of inactivity)

4. HOW TO USE

SMART APP CONTROL (Wi-Fi)

Connection Step 2



App Setting

- ▷ Ensure your smartphone's is connected to a 2.4GHz Wi-Fi network.
- ▷ Open the app and tap "Add Device" or the [+] icon. The app will automatically detect the heater.
- ▷ Enter your Wi-Fi password to complete the connection.

※ Note: If the search times out and the device cannot be found, try again, or try adding the device manually.

User Interface



1 Current Temperature Display (°C / °F)

2 Operation Icons

- ▷ Preheating / Burner Ignition / Burner Fan / Blower Fan (F-models)

3 System Status

- ▷ Device State (OFF, Ready, Working, or Error)
- ▷ Current Mode (Temperature or Time mode)
- ▷ Fuel Level (0%, 20%, 40%, 60%, 80%, and 100%)

4 Setting Target Values (Target Temperature / Operation Duration)

5 Control Buttons

- ▷ Power (ON / OFF)
- ▷ Mode Select
- ▷ ON/OFF Schedules
- ▷ Settings: Access options, including Unit Conversion (°C/°F) and Operation History.

5. FUELING & INITIAL SETUP

PREPARATION BEFORE USE

1. Fueling Instructions

- ▷ Open the fuel tank filler cap.
- ▷ Carefully fill the tank with fuel, ensuring no spills.
- ▷ Stop fueling once the fuel gauge reaches the "Full" mark.
- ▷ Securely tighten the filler cap and check for any leaks around the tank.

2. Initial Ignition Precautions

- ▷ During the first use, a temporary odor may occur as dust or residues burn off. This is normal and will disappear within approximately 10 minutes.
- ▷ It is recommended to perform the initial ignition in a well ventilated or outdoor area.



WARNING

- ▷ Always place the heater on a flat, level surface before fueling.
- ▷ NEVER refuel during operation. Turn off the heater and wait for the flame to extinguish.
- ▷ Do not overfill beyond the "Full" mark, overfilling is a major fire hazard.
- ▷ NEVER use low-quality or contaminated fuel. Use only high-quality, clean kerosene/diesel.

BLEEDING AIR FROM THE FUEL SYSTEM



How to Bleed Air

- ▷ Turn the Air Bleed Screw (+) counter-clockwise 3 to 4 times to loosen it.
- ▷ Press the Power button once.
- ▷ Wait about 10 seconds until fuel (without bubbles) emerges from the air vent.
- ▷ After 3 to 5 seconds, the pump will start operating. Wait until the air flows out and clear fuel begins to come out of the return hose, then tighten the screw clockwise.
- ▷ If ignition fails, repeat up to three times.

※ If the electric pump makes a loud noise and the burner fails to ignite(E1 Error), it is likely due to air trapped in the fuel line.

6. MAINTENANCE & SERVICE

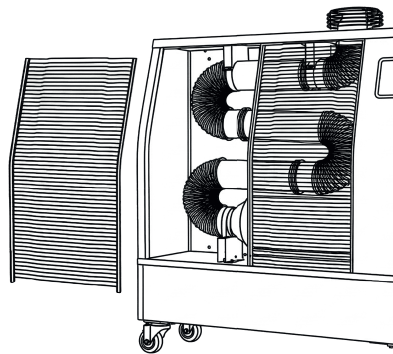
DAILY INSPECTION & MAINTENANCE

1. Daily Checkpoints

- ▷ Power Off: Always stop the "Combustion" before any inspection. Unplug the unit after it has cooled completely.
- ▷ Leak Check: Regularly check for fuel leaks around the fuel tank and burner pipes.
- ※ [Caution] Use a dry cloth with neutral detergent. DO NOT pour water on the unit (Risk of electric shock or failure).
- ※ [Caution] The burner is factory-tuned. DO NOT disassemble or adjust burner parts manually.

2. Cleaning & Maintenance (Every 6 Months Recommended)

- ▷ Disassemble the Front Grille:
To pull out the front grille, please raise it a little and pull it out to the front. (Assembly is the reverse order.)
- ▷ Cleaning the reflector, combustion furnace, and heating tube. (if contaminated).
- ※ [Caution] The combustion tube has a ceramic coating. Be careful not to damage or scratch the coated surface during cleaning.
- ▷ Flame Sensor (Photocell / CDS):
If the sensor is contaminated by soot, ignition performance will drop. Carefully remove the photocell from the lower burner, wipe the detection part with a soft cloth, and reinstall it fully.
- ▷ Fuel Filter:
Visually inspect for contamination and replace annually.
- ▷ Periodic Operation:
Run the heater for at least 5 minutes every 3 months to prevent nozzle clogging.
- ※ Contact for Service
If any component needs to be replaced or repaired, please contact the authorized service center operated by our distributor's head office.
- ※ Unauthorized Repairs
DO NOT attempt to repair this heater through non-licensed or unauthorized service personnel. Improper repair may lead to hazardous operating conditions, void the warranty, or cause severe product failure.
- ※ Technical Assistance
For the most reliable service, please only contact the local service centers or distributors officially designated by our company.



6. MAINTENANCE & SERVICE

NOZZLE CARE

1. Understanding the Nozzle

- ▷ Role: Sprays fuel at high pressure using an electronic pump to ensure smooth ignition through atomization.
- ▷ Causes of Failure: Low-quality fuel, impurities, or oil film formation during long-term storage can lead to Nozzle Clogging.
- ▷ Symptoms: Misfires, soot/smoke, odors, or incomplete combustion due to uneven fuel spray.
- ▷ Prevention: Regular maintenance (running for 5 mins every quarter) minimizes service fees for nozzle replacement.

2. Visual Comparison of Nozzles



Normal nozzle

The exterior is clean, the filter screen is not discolored, and the orifice is clear.



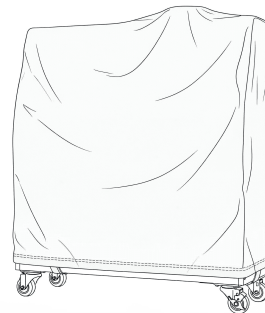
Faulty Nozzle

The exterior is discolored, and tar or an oil film has formed around the orifice.

STORAGE

Long-term Storage Steps

- ▷ Allow the heater to cool completely and unplug it.
- ▷ Wrap the unit in a plastic cover to protect it from dust and debris.
- ▷ Fuel: It is recommended to consume or pump out all fuel in the tank for safety.
- ▷ Environment: Store in a well-ventilated, dry indoor area. Humid or outdoor storage is a major cause of failure.



7. ERROR CODES

CODE	MAIN CAUSE	ACTION & SOLUTION
 Ignition Failure	• Low fuel or air trapped in fuel line. • Blocked Nozzle or Oil Filter (if the error occurs after 2 start attempts).	• Check fuel level and Bleed Air from the system. • Replacement of the Nozzle and Oil Filter is required.
 Flame Sensor Error	• Photocell is contaminated by soot or improperly seated. • Defective sensor unit.	• Remove the photocell, clean with a soft cloth, and reinstall it fully. • If the error persists, replacement is required.
 Temperature Sensor Error	• Poor wiring connection or disconnected sensor. • Faulty temperature sensor.	• Check the sensor wiring and connection status. • If the sensor is defective, replacement is required.
 Overheating Sensor Error	• Excessive heat detected inside the burner chamber. • Defective overheat protection wiring.	• Check for any abnormal signs inside the burner. • Reconnect the wiring, if the error persists, request a professional inspection.
 Tilt detection Error	• Heater is tilted. • Tilt Sensor is disconnected or faulty.	• Ensure the heater is placed on a flat, stable surface. • Verify the tilt sensor wiring and restart the unit.
 Low Fuel Error	• Fuel tank is empty. • Faulty fuel gauge or level sensor.	• Refuel the tank immediately. • If the tank is full but the error remains, replace the fuel gauge sensor.
 High Temperature Alert	• Ambient temperature exceeds 50°C. • Sensor is exposed to direct internal heat.	• Check if the sensor is positioned correctly away from internal heat sources. • If the sensor is faulty, replacement is required.

8. TROUBLESHOOTING

※ Please take the following steps before contacting the service center if a problem occurs.

TROUBLE	ITEMS TO CHECK	REQUIRED ACTION
No Power (Display Off)	Unplugged / Burnt out fuse	Plug in the unit. Replace the fuse (250V, 3.15A) on the PCB.
No Operation (Power ON)	Target temp is lower than room temp	Set the target temperature higher than the current room temperature.
Sudden Stop	Timer active / Lack of oxygen	Check if Timer mode is ON. Ventilate immediately to supply fresh air.
No Fuel Indication	Fuel gauge wiring is unplugged	Check and reconnect the internal fuel gauge wires.
Low Voltage	Burner not working due to low voltage	Use a voltage booster (A/S) to elevate the voltage.
Soot / Black Smoke	Lack of air / Clogged tube	- Check for intake/exhaust blockages. - Use only fresh fuel.
White Smoke	Excessive air supply	- Operate the heater outdoors for 10 minutes. - Adjust damper as needed
Initial Burning Smell	Dust/Foreign substances inside	Normal during first use. Will disappear after 1–2 hours of work.
Fuel Smell	Spilled fuel / Stopped immediately	Remove spilled fuel. Ensure operation lasts 15' or more.
Noise in Burner	Air in pump or contaminated filter	- Bleed air from the pump/nozzle. - Clean or replace the fuel filter.

8. TROUBLESHOOTING

DETAILED TROUBLESHOOTING MANUAL [E1]

※ By default, the heater automatically attempts to ignite twice before an E1 error occurs.

1. Basic Check & Action

Before contacting the service center, users should check the following items first when an E1 error occurs.

Check All Wiring Connections / Fuel Type, Quality / Oil Filter / Air Bleeding / Photocell (Flame Sensor)

2. Detailed Diagnosis & Action (For Service Technicians)

If the E1 error persists after the user's basic checks, service personnel should inspect the following components.

Category	Component / Issue	Symptoms & Diagnosis	Required Action
Fuel Supply System	• Flow Meter (Failure/Unplugged)	• Shows low fuel when full • Pump idles (rumbling) with strong odor.	• Reconnect terminal. • Clean gear or replace if stuck.
	• Electronic Pump (Failure/Low Pressure)	• Abnormal resistance (not $\sim 370\Omega$) or no vibration. • Low pressure. ($< 6.3 \text{ Kg/cm}^2$)	• Test coil resistance/vibration. • Increase pressure. ($6.3 \text{ Kg/cm}^2 - 10.0 \text{ Kg/cm}^2$)
	• Oil Filter (Clogged)	• Ignites but turns off quickly. • Symptom repeats over time.	• Inspect for contamination. • Clean with compressed air or replace.
	• Oil Hose (Missing/Disconnected)	• Disconnected hoses near pump or filter.	• Visually check and reconnect firmly.
Ignition & Air Blowing	• Fan Motor (Failure/Poor Contact)	• No fan sound. • Misfires in 5 sec.	• Check wiring connection. • Replace If the resistance value is abnormal.
	• Ignition Trans & Spark Plug	• Fan works, but no spark sound. • Misfires in 40 sec.	• Check cable connection. • Test for sparks. (Caution: high voltage)
	• Nozzle (Clogged/Loosened)	• Non-ignition. • Tiny flame / No spray. (Test Outside)	• Replace if clogged. • Tighten firmly to prevent leaks.
Environment & Settings	• Air Damper (Excessive Air)	• Fails to ignite on cold days. • Ignites if air inlet is partially blocked	• Lower the damper setting. (Caution: Do not set below 1)
Electrical Control	• Control Board (Failure)	• Components are not receiving power	• Verify AC 220V output to each component using a tester

9. TECHNICAL SPECIFICATIONS

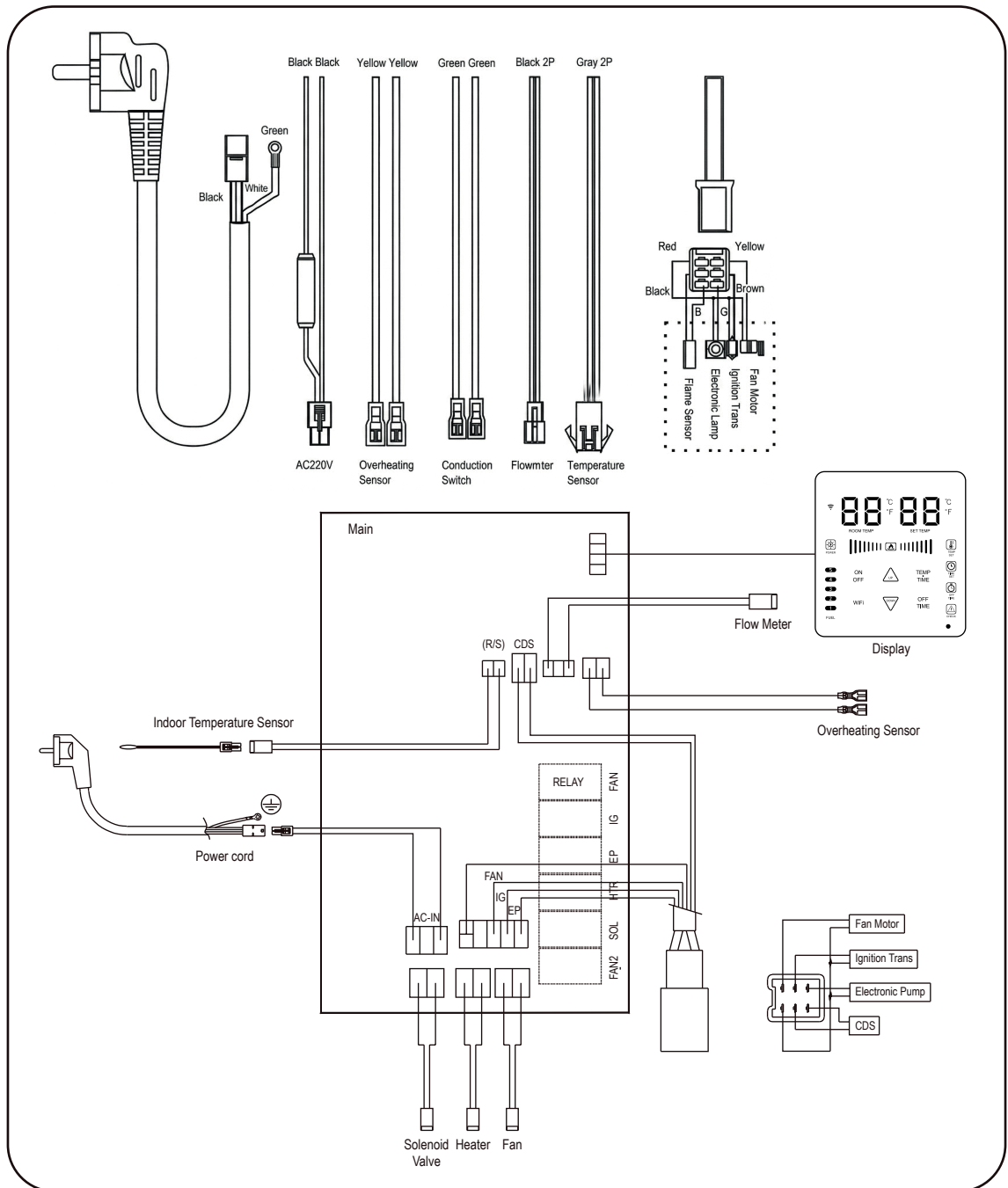
STANDARD TYPE

SPECIFICATION		DHOE-90	DHOE-120	DHOE-150	DHOE-180	DHOE-210
Heating Output		9,000 kcal/h	12,000kcal/h	15,000 kcal/h	18,000 kcal/h	21,000 kcal/h
		10.4kW	14kW	17.4kW	20.9kW	24.4kW
Dimension		800x280x920mm	940x320x1110mm	1290x320x1110mm	1290x320x1280mm	1290x320x1280mm
Weight		42kg	45kg	60kg	68kg	68kg
Fuel	Type	Diesel	Diesel	Diesel	Diesel	Diesel
	Tank Capacity	25L	33L	45L	45L	45L
	Consumption	1.0L/h	1.2L/h	1.5L/h	1.9L/h	2.1L/h
Electric	Power Supply	AC 230V 50/60Hz	AC 230V 50/60Hz	AC 230V 50/60Hz	AC 230V 50/60Hz	AC 230V 50/60Hz
	Consumption	50W	50W	50W	65W	65W
Exhaust Pipe	Diameter	90mm	100mm	100mm	100mm	100mm
WiFi Frequency		2.4Ghz	2.4Ghz	2.4Ghz	2.4Ghz	2.4Ghz

FAN INTEGRATED TYPE

SPECIFICATION		DHOE-250F	DHOE-350F	DHOE-500F
Heating Output		25,000 kcal/h	35,000 kcal/h	49,800 kcal/h
		29kW	40.7kW	58kW
Dimension		1340x350x1510mm	1370x400x1800mm	1530x450x1920mm
Weight		105kg	123kg	130kg
Fuel	Type	Diesel	Diesel	Diesel
	Tank Capacity	85L	90L	90L
	Consumption	2.3L/h	3.8L/h	4.4L/h
Electric	Power Supply	AC 230V 50/60Hz	AC 230V 50/60Hz	AC 230V 50/60Hz
	Consumption	110W	115W	115W
Exhaust Pipe	Diameter	110mm	110mm	110mm
WiFi Frequency		2.4Ghz	2.4Ghz	2.4Ghz

10. CONNECTION DIAGRAM



11. WARRANTY

To activate your 2+1 year warranty, please scan the QR code below, which will take you to a page where you need to fill in your details.

VELTRON[®]



Safety Warnings



[EE] HOIATUS!

- Tagage seadme kasutamisel piisav ventilatsioon; värske õhu juurdevool peab olema tagatud 1–2 korda tunnis.
- Ärge kasutage seadet suletud või ventileerimata ruumides.
- Ärge hoidke kaugetiimipulti seadme täiteavas. Tuleohht!
- Seade ei ole mõeldud kasutamiseks korterelamutes, sh mitmepereelamutes, tuleohikes keskkondades ega väikestes/halvasti ventileeritud ruumides.
- Ärge jätke töötavat seadet järelvalveta. Kasutaja vastutab ainuisikuliselt kõigi kahjude või vahejuhtumite eest.



[LV] BRĪDINĀJUMS!

- Lietojot sildītāju, nodrošiniet pietiekamu ventilāciju; svaiga gaisa pieplūde jānodrošina 1–2 reizes stundā.
- Neizmantojiet sildītāju slēgtās vai nevēdināmās telpās.
- Neuzglabāiet tīrādvības pultī ierīces uzplūdes nodalījumā. Ugunsbīstamība!
- Šī ierīce nav paredzēta izmantošanai daudzdzīvokļu ēkās, daudzģimeņu mājokļos, viegli uzliesmojošā vidē vai mazās/slikti vēdināmās telpās.
- Neatstādiet ieslēgtu ierīci bez uzraudzības. Lietotājs ir pilnībā atbildīgs par jebkādiem bojājumiem vai incidentiem.



[LT] ĮSPĖJIMAS!

- Naudodami šildytuvą užtikrinkite tinkamą ventiliaciją; šviežio oro srautas turi būti užtikrintas 1–2 kartus per valandą.
- Nenaudokite šildytuvo uždaroje ar nevėdinamoje patalpoje.
- Nelaikykite nuotolinio pulto prietaiso užpildymo skyriuje. Gaisro pavojus!
- Šis prietaisas nėra skirtas naudoti daugiabučiuose namuose, daugiabučiuose pastatuose, degioje aplinkoje ar mažose/prastai vėdinamoje patalpoje.
- Nepalikite veikiančio prietaiso be priežiūros. Naudotojas yra atsakingas už bet kokią žalą ar incidentus.



[FI] VAROITUS!

- Varmista riittävä ilmanvaihto; raittiin ilman saanti on taattava 1–2 kertaa tunnissa.
- Älä käytä lämmitintä suljettuissa tai tuuletamattomissa tiloissa.
- Älä säilytä kaukosäädintä laitteen tankkaustilassa. Tulipalon vaara!
- Tätä laitetta ei ole tarkoitettu käytettäväksi kerrostaloissa, moniasuntoisissa rakennuksissa, syyttävissä ympäristöissä tai pienissä/huonosti tuuletetuissa tiloissa.
- Älä jätä laitetta ilman valvontaa. Käyttäjän on yksin vastuussa kaikista vahingoista tai vaaratilanteista.



[SE] VARNING!

- Säkerställ god ventilation; tillförsel av friskluft måste garanteras 1–2 gånger i timmen.
- Använd inte värmaren i stängda eller oventilerade rum.
- Förvara inte fjärrkontrollen i enhetens tankutrymme. Brandrisk!
- Denna enhet är inte avsedd för användning i flerbostadshus, flerfamiljsboenden, brandfarliga miljöer eller små/dåligt ventilerade utrymmen.
- Lämna inte enheten utan uppsikt. Användaren är ensam ansvarig för eventuella skador eller incidenter.



[NO] ADVARSEL!

- Sørg for tilstrekkelig ventilasjon; tilførsel av frisk luft må skje 1–2 ganger i timen.
- Ikke bruk ovnen i lukkede eller uventilerte rom.
- Ikke oppbevar fjernkontrollen i enhetens påfyllingsrom. Brannfare!
- Denne enheten er ikke beregnet for bruk i leilighetsbygg, flerfamilieboliger, brannfarlige omgivelser eller små/dårlig ventilerede rom.
- Ikke forlat enheten uten tilsyn. Brukeren er alene ansvarlig for eventuelle skader eller hendelser.



[DK] ADVARSEL!

- Sørg for tilstrækkelig ventilation; tilførsel af frisk luft skal ske 1–2 gange i timen.
- Brug ikke varmeren i lukkede eller uventilerede rum.
- Opbevar ikke fjernbetjeningen i enhedens tankrum. Brandfare!
- Denne enhed er ikke beregnet til brug i etageejendomme, flerfamilieboliger, brandfarlige omgivelser eller små/dårligt ventilerede rum.
- Efterlad ikke enheden uden opsyn. Brugeren er alene ansvarlig for eventuelle skader eller hændelser.



[RU] ОСТОРОЖНО!

- Обеспечьте вентиляцию; приток свежего воздуха должен быть 1–2 раза в час.
- Не используйте прибор в закрытых или непроветриваемых помещениях.
- Не храните пульт в запорочном отсеке прибора. Опасность пожара!
- Устройство не предназначено для использования в многоквартирных домах, жилых комплексах, взрывоопасных средах или малых помещениях.
- Не оставляйте прибор без присмотра. Пользователь несет единичную ответственность за любой ущерб или инциденты.



[DE] WARNUNG!

- Ausreichende Belüftung sicherstellen; Frischluftzufuhr muss 1–2 Mal pro Stunde erfolgen.
- Heizgerät nicht in geschlossenen oder unbelüfteten Räumen nutzen.
- Fernbedienung nicht im Befüllraum des Geräts aufbewahren. Brandgefahr!
- Dieses Gerät ist nicht für den Einsatz in Wohngebäuden, Mehrfamilienhäusern, brennbaren Umgebungen oder kleinen/schlecht belüfteten Räumen bestimmt.
- Gerät nicht unbeaufsichtigt lassen. Der Benutzer ist allein verantwortlich für alle Schäden oder Vorfälle während des Betriebs.



[FR] AVERTISSEMENT !

- Assurer une ventilation adéquate ; l'apport d'air frais doit être garanti 1 à 2 fois par heure.
- Ne pas utiliser le chauffage dans des pièces fermées ou non ventilées.
- Ne pas stocker la télécommande dans le compartiment de remplissage. Risque d'incendie !
- Cet appareil n'est pas destiné aux immeubles d'habitation, aux logements collectifs, aux milieux inflammables ou aux espaces restreints/maï ventilés.
- Ne pas laisser l'appareil sans surveillance. L'utilisateur est seul responsable de tout dommage ou incident.



[PL] OSTRZEŻENIE!

- Zapewnić odpowiednią wentylację; dopływ świeżego powietrza musi zachodzić 1–2 razy na godzinę.
- Nie używać nagrzewnicy w zamkniętych lub niewentylowanych pomieszczeniach.
- Nie przechowuj pilota w komorze napełniania urządzenia. Ryzyko pożaru!
- Urządzenie nie jest przeznaczone do użytku w budynkach mieszkalnych, domach wielorodzinnych, środowiskach łatwopalnych ani małych pomieszczeniach.
- Nie zostawiaj urządzenia bez nadzoru. Użytkownik ponosi wyłączną odpowiedzialność za wszelkie szkody lub incydenty.



[CZ] VAROVÁNÍ!

- Při používání topidla zajistěte dostatečné větrání; přísuv čerstvého vzduchu musí být 1–2krát za hodinu.
- Nepoužívejte topidlo v uzavřených nebo nevětrávaných prostorách.
- Neuchovávejte dálkový ovladač v plnicím prostoru. Nebezpečí požáru!
- Toto zařízení není určeno pro použití v bytových domech, víceodinných obydlích, hořlavém prostředí ani v malých/špatně větrávaných prostorách.
- Nenechávejte přístroj bez dozoru. Uživatel nese výhradní odpovědnost za jakékoli škody nebo incidenty.



[NL] WAARSCHUWING!

- Zorg voor voldoende ventilatie; verse luchttoevoer moet 1–2 keer per uur gebeuren.
- Gebruik de kachel niet in gesloten of ongeventileerde ruimtes.
- Bewaar de afstandsbediening niet in het vulcompartiment. Brandgevaar!
- Dit apparaat is niet bedoeld voor gebruik in appartementsgebouwen, meergezinswoningen, ontvlambare omgevingen of kleine/slecht geventileerde ruimtes.
- Laat het apparaat niet onbeheerd achter. De gebruiker is als enige verantwoordelijk voor eventuele schade of incidenten.



[UK] WARNING!

- Ensure adequate ventilation; fresh air inflow must be guaranteed 1–2 times per hour.
- Do not use the heater in closed or unventilated rooms.
- Do not store the remote control unit in the heater filling room. Risk of fire!
- This device is not intended for use in apartment buildings, multi-family dwellings, inflammable environments, or small/poorly ventilated spaces.
- Do not leave the heater unattended while connected or in operation. The user is solely responsible for any damages or incidents.



Official distributor and importer in European Union

Veltron International OÜ , Reg. No: 14338106
Pärnu mnt 139e/11, 11317 Tallinn ESTONIA

TEL: +372 5635 9201
E-MAIL: info@veltron-heaters.com