ENTES EX

USER'S MANUAL

Operating & Maintenance Instructions





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Manufactured by SJE Corporation, Ltd.



User's Manual

Model: OPTIMA X-SERIES Ver. G2.3 / G2.7

Distributor's Contact Information:

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Introduction

The Optima Steamer continues to pursue environmentally friendly and effective cleaning solutions. Optima Steamer which is safe, durable and easy to use will support your cleaning operations for many years to come.

Applications

The Optima Steamer is capable of generating continuous, super-heated vapor steam. The Optima Steamer is specifically used for various cleaning applications including cleaning machinery & components, washing vehicle exteriors, interiors, engine compartment, glass, metal surfaces, windows, wheel wells, vents, deodorizing bad odors, sanitizing hazardous food-borne bacteria from food processing equipment, removing weeds and more.

Product Specifications

(1) OPTIMA XD

Model	OPTIMA XD			
Working Pressure	7~8.5 kgf/cm² / Max 9.5 kgf/cm² (99~120.8 psi / Max 135.1 psi)			
Steam Vessel Temp.	178℃ m	ax.200℃ (352.4°F max	.392 °F)	
Preheating Time		2 ~ 3 min.		
Voltage	100V~ / 110-120V~ / 220-240V~ 50/60Hz (Customer configuration available)			
Clastrian Dower	100V~ 110-120V~ 220-230V~			
Electrical Power	450W 350W 300W			
Rated Flow	Max. 300 ~ 1200cc/min. (0.08~0.32gpm)			
Water Tank Capacity	36 ℓ (9.5 gals)			
Fuel Tank Capacity	36 ℓ (9.5 gals)			
Net Weight	93.5 kgs (206.1 lbs)			
Product Dimensions [L] x [W] x [H]	995 x 660 x 887 mm (39.1 x 25.9 x 34.9 inch)			

^{*} Water consumption can be different depending on the use of the Moisture Control Valve. (See page 15, "Moisture Control")



*For user's safety, DO NOT modify factory settings for steam pressure and temperature.

(2) OPTIMA XE

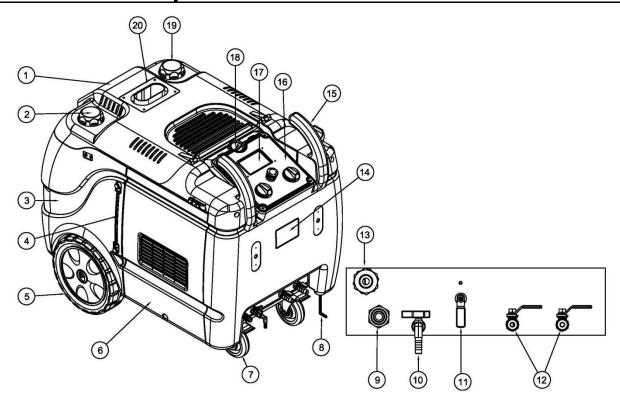
Model	Optima XE (05K/12K/18K/27K)			
Model	05K	12K	18K	27K
Working Pressure	7~8.5 kgf/cm²/	/ Max 9.5 kgf/cm² (99~120.8 psi / N	Max 135.1 psi)
Steam Vessel Temp.	174 °C	C Max. 180 ℃ (3	345.2 °F Max 356	S °F)
Preheating Time	20~21 min.	8~9 min.	6~7 min.	6~7 min.
Electrical Power	5kW	12kW	18kW	27kW
Voltage	200V / 208V / 230V 50/60Hz (custom config. available)	3-phase 380V / 4 200V / 208V / 230V / 380V / 440V / 4 fig. 600V 50/60Hz 50/60 (custom config. available) (custom of		3-phase 380V / 415V / 440V / 460V / 480V / 600V 50/60Hz (custom config. available)
Rated Flow	Max. 300 ~ 1200 cc/min (0.08~0.32 gpm)			
Water Tank Capacity	72 l (19 gal.)			
Net Weight	81 kgs (178.5 lbs)	84 kgs (185.1 lbs)	85 kgs (187.3 lbs)	91.5 kgs (201.7 lbs)
Dimensions [L] x [W] x [H]	995 x 660 x 887 mm (39 x 26 x 35 inch)			

^{*} Water consumption can be different depending on the use of the Moisture Control Valve. (See page 15, "Moisture Control")



★For user's safety, DO NOT modify factory settings for steam pressure and temperature.

Exterior Descriptions OPTIMA XD

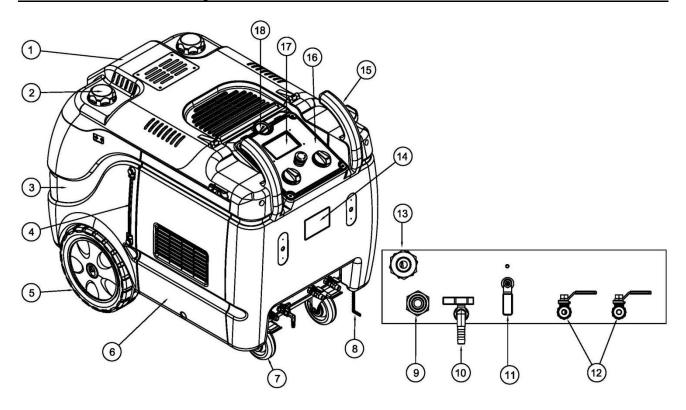


1. lop cover

- 2. Tank cap
- 3. Water tank
- 4. Water level indicator
- 5. Front wheel
- 6. Lateral/Side panel
- 7. Rotary caster
- 8. Grounding chain
- 9. Quick plug for feed-water
- 10. Drain valve

- 11. Moisture control valve
- 12. Steam outlet valves
- 13. Electrical cable holder
- 14. Specification sticker
- 15. Handles
- 16. Control panel box
- 17. LCD Display
- 18. Pressure gauge
- 19. Fuel tank
- 20. Flue

Exterior Descriptions OPTIMA XE



	cover
 	0000

- 2. Tank cap
- 3. Water tank
- 4. Water level indicator
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- 8. Grounding chain
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- 10. Drain valve
- 11. Moisture control valve
- 12. Steam outlet valves
- 13. Electrical cable holder
- 14. Specification sticker
- 15. Handles
- 16. Control panel box
- 17. LCD Display
- 18. Pressure gauge

Safety Precautions

Visual Symbols

	To ensure correct and safe usage with a full understanding of this product's performance, please be sure to read through this User's Manual completely and store it in a safe location. The contents of this User's Manual and the specifications of this product are subject to change without prior notice.			
<u></u>	Caution		Warning!	
4	Risk of Electric shock	<u>SSS</u>	Risk of Burns	
	Risk of Suffocation		Slippery Surface	
	DO NOT operate on an incline		Wear appropriate protective gloves (Goggles, ear plugs)	



The manufacturer assumes no responsibility for any consequential losses or damages including but not limited to injury of persons, loss of business or properties which may occur through use of this product without consulting the User's Manual, regardless of any failure to perform on the part of this product.

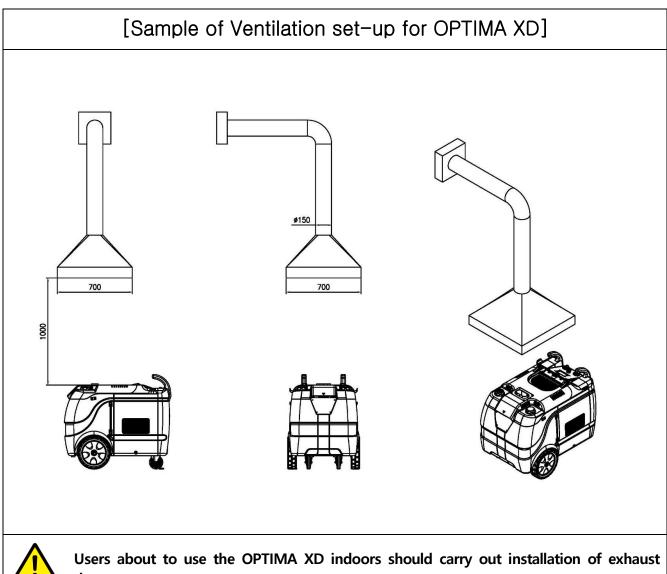
GENERAL SAFETY RULES

- DO NOT direct, air or discharge the steam jet at itself, persons, animals or live electricity.
- Use and store the product on a level ground (surface) only.
- DO NOT use the product if any part, power cord, safety device, hose or spray gun are visually damaged or suspected of being damaged.
- DO NOT use the product in rainy or snowy weather outdoors. This product is not weather-proof or water-proof.
- Never leave the product unattended while operating.
- Make sure to comply with safety rules in the event of operating in a danger area.
- Never use the product in an area where a fire and explosion hazard exists.
- DO NOT use the product below 0°C (32°F) or in extremely cold weather.
- DO NOT allow water sit in the water pipelines and steam vessel if leaving the product non-operational in cold weather.
- Store the product at a room temperature(See page 23, "Freeze Prevention")
- Heavy object. Be cautious when carrying or lifting. (See page 2, "Product Specifications")
- Unplug the product from its power source and release all the remaining steam from the product before carrying.

- Use only "Clean" and "Soft" water in the product.
- Use of a water softener is recommended to prevent scale build-up
- Using any kind of boiler water treatment (solution) can help decrease scale build-up.
- DO NOT add detergent, wax or any chemical liquid in the water tank or steam vessel.
- DO NOT use distilled water or filtered water below 15 ppm.
- Connect to electrical power according to the product specifications. (See page 2, "Product Specifications")
- Connect to the electrical power outlet installed in accordance with IEC 60364.
- Be cautious of the risk of electric shock in the event of connecting to electrical power.
- Ensure the connection status of Grounding Chain and Ground Wire to the product to avoid static shocks.
- Users about to use the product should carry out a visual check for insecure cable at entry to a plug, evidence of poor wire connections or evidence of appliance or plug overheating.
- Make sure that all the switches on the product are off before plug-in power cables.
- In the event of using extension cord, make sure of a ground-fault circuit interrupter (GFCI) built in.
- Make sure extension cord is constructed of proper diameter in accordance with the electrical specifications. (Contact manufacturer or distributors for right extension cord)
- · Keep out of reach of children and pets.
- This product is not intended for use by children, or by persons with reduced physical, sensory or mental capabilities, or by person lacking experience with the product or knowledge of the product's use, unless they have given supervision or instruction concerning the use of the product.
- Wear appropriate protective gear to protect users' ear, eyes and hands in operation.
- According to steam pressure, noise can be reached to 95 decibel(dB).
- DO NOT use the product within the range of persons who are not wearing any protective gear.
- Hot surface. DO NOT touch steam vessel, steam valves, steam hoses and guns in operation.
- Replace steam hoses immediately if ruptured.
- Use manufacturer approved spare parts and accessories including steam hoses, steam guns and power cables.
- Unplug the product from its power source and allow it to cool before carrying out any maintenance.
- Never disable sensors in order to bypass an alarm signal.
- Open the drain valve and release all remaining water from the steam vessel after users shut down the product completely. (See page 16, "Shutdown Operation")
- Never spray steam over cleaning hazardous materials or surfaces containing hazardous substance including asbestos.

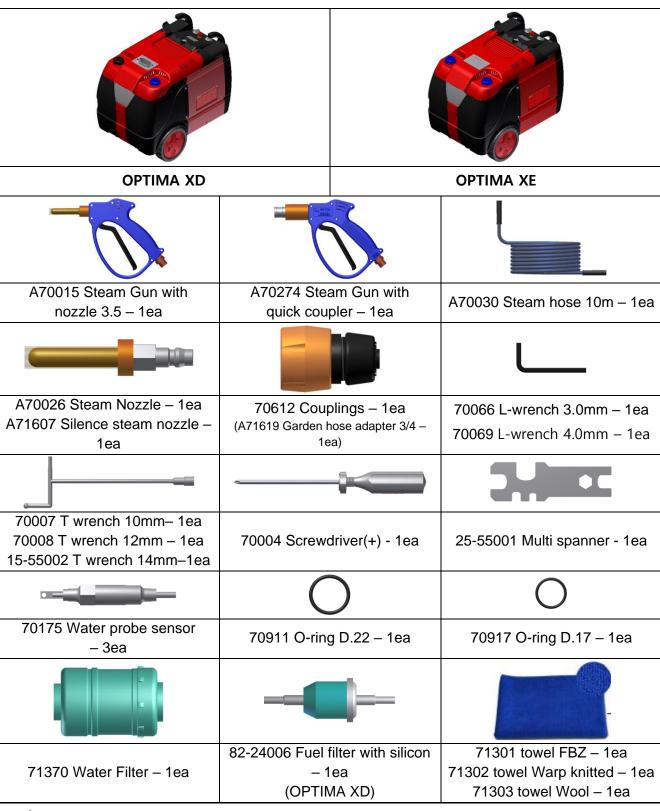
SAFETY RULES for OPTIMA XD

- Use clean diesel only.
- Make sure that all the switches on the product are off before refilling diesel.
- Burn hazard. DO NOT touch exhaust flue in operation.
- DO NOT use the product within a confined space.
- DO NOT breathe in smoke from the exhaust flue to avoid smoke inhalation.
- Use the product in well-ventilated indoor area and install exhaust duct system if necessary. (See page 8, "Ventilation set-up")



duct system.

Included Items and Accessories





* Included items and accessories are subject to change without prior notice.

Pre-Start Procedure



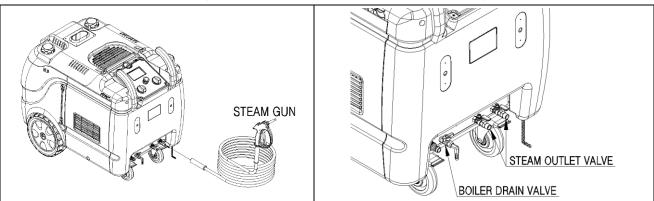
Wear appropriate protective gloves before using the product.



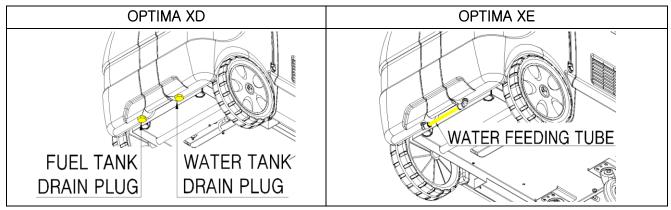
Surface of exhaust flue and valves may be hot. Take precautions when users resume operations.

Steps:

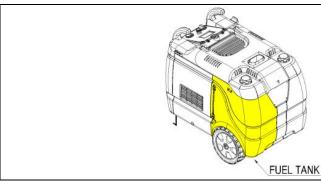
- 1. Connect steam hoses and guns to the steam outlet valves. Ensure a tight connection using appropriate tools.
- 2. Ensure that valves including drain valve, steam outlet valves are fully closed.



3. Ensure that tank drain plugs or water feeding tube are well-connected. (See illustrations below)



4. Fill the fuel tank. (*For OPTIMA XD)

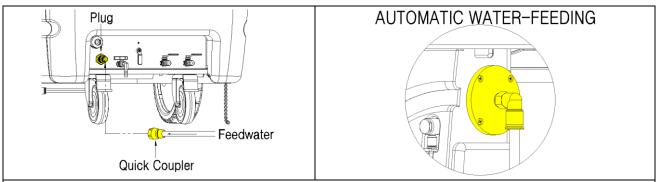


Open the black-colored fuel tank cap on the right side and fill the tank.



Ensure the location of fuel tank before fuel replenishment.

5. Fill the water tank with clean water. When tap water or hard water is used, use of a water softener is recommended to prevent scale build-up.



Continuous Water Supply

In the event of using continuous water supply, connect water hose attached with Quick Coupler to the Plug of the product.



Water pressure needs to be below 2bar from the tap for Floater to run effectively.

Water Quality Matters!

Water quality can greatly affect the product's life span and performance. It is important to use SOFT WATER. If tap water or hard water is used, use of a water softener is recommended in order to prevent scale build-up.

DO NOT use distilled water.

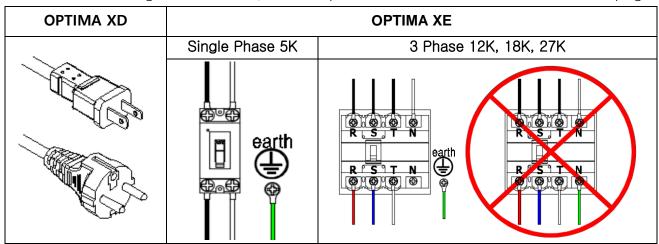


DO NOT add any detergent, wax or cleaning additives into the water tank or steam vessel.

The use of water temperature above 5℃ (40°F) recommended. Use filtered water above 15 ppm.

6. Check for electrical specifications before connecting to electrical power outlet.

In the event of using extension cords, take waterproof measures on the electrical sockets and plugs.



* Alert users to the presence of "dangerous voltage" inside the product that might cause bodily harm or electric shock.

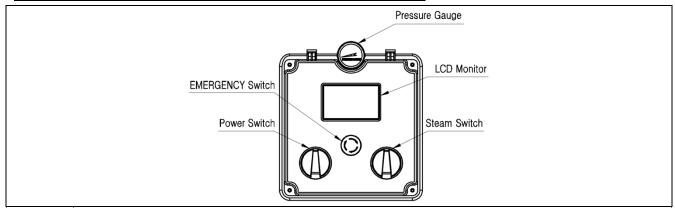


For the use of OPTIMA XE, make sure to connect the GROUND WIRE(G) to GROUND TERMINAL.

Never connect GROUND WIRE to NEUTRAL(N) TERMINAL.

Standard Operating Procedure

Make sure to advance the steps of Pre-Start Procedure before users follow Standard Operating Procedure. (See page 10, "Pre-Start Procedure")





Wear appropriate protective gloves before using the product.



Never leave the product unattended while operating.

Surface of an exhaust flue or valves may be hot. Take precautions while operating.



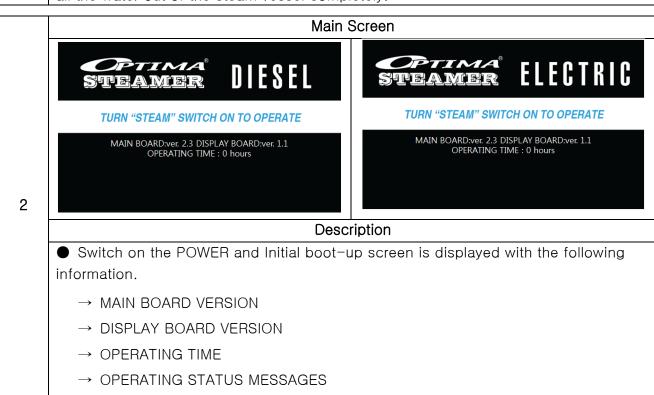
DO NOT apply any physical impact to the control panel box or leave any objects on it. DO NOT press LCD Display with your hands or any objects.

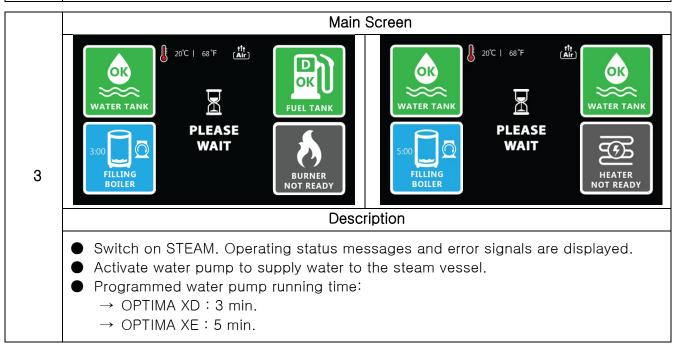
LCD ICON DESCRIPTION

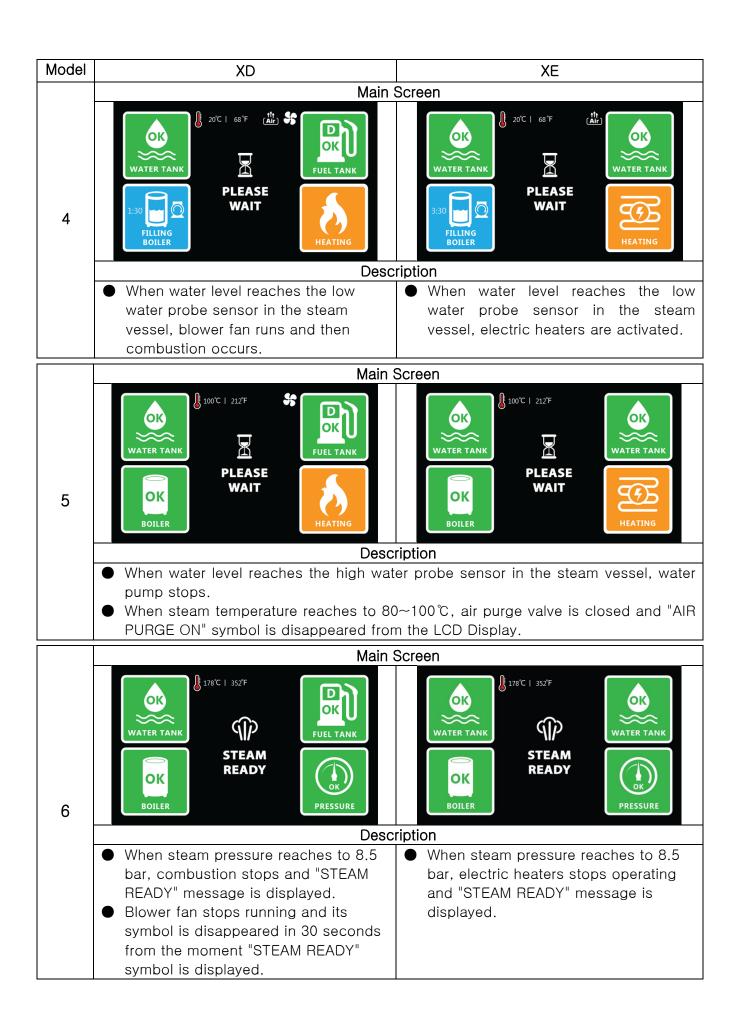
*	WATER	D	FUEL
	STEAM VESSEL		WATER PUMP
1	HEATING(XD)	30	HEATING(XE)
①	PRESSURE GAUGE		STEAM READY
	TEMPERATURE	††† (Air)	AIR PURGE
*	BLOWER FAN	<u> </u>	CAUTION

OPERATING PROCEDURE

Model	XD	XE
	Switch on the POWER and Initial boot-up alarm signal goes off once initiating LCD D according to programming.	screen is displayed. Switch on STEAM and isplay and beginning to run the product
l	Note! "OPERATING PROCEDURE" is repeated if all the water out of the steam vessel complete.	



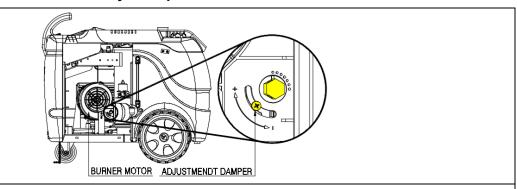




Adjust air flow (For OPTIMA XD)

Amount of air intake consumed can be subject to differ depending on ambient environment.

(X Combustion gas should be visually transparent)



- 1. Open the plastic cover on the right side.
- 2. Slightly untighten air adjustment damper using a screw driver(+) and adjust an amount of air intake manually.
- 3. Retighten the screw of Air Adjustment Damper

Black Smoke from exhaust flue:

Move air adjustment damper clockwise

Whitish Smoke from exhaust flue:

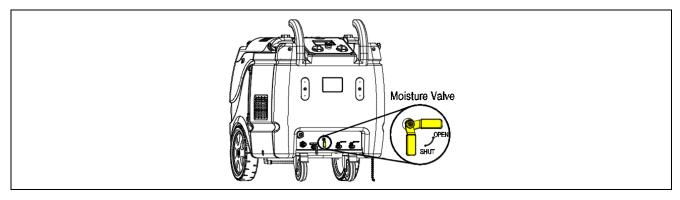
Move air adjustment damper counterclockwise



DO NOT breathe in combustion gas from the exhaust flue.

Moisture Control

Users can spray moisturized steam (wet steam) by opening the moisture control valve. In the event of cleaning interior surfaces or water sensitive areas, ensure that the moisture control valve is fully closed to minimize surface moisture.



Emergency stop

- 1. In case of a failure in the product or an emergent situation occurred, push the emergency stop button in.
- 2. Overhaul the failure, take necessary measures and resume the emergency stop button.

How to use emergency stop button				
Emergency Stop	Resume Operation			
Push emergency stop button	Release emergency stop button by twisting clockwise			



Emergency stop button will shut off all electrical power sequences inside the main power enclosure.

Pause operation

- 1. Switch off the STEAM.
- 2. Close the steam outlet valves and release all the remaining steam from the hoses by pulling the gun trigger. It prevents remaining of condensed water residue in the steam hoses afterwards and increases the life span of the steam hoses and guns.

Shutdown operation

- 1. Switch off the STEAM.
- 2. After blower fan stops automatically (applied to XD model), switch off the POWER.
- 3. Release steam from the steam vessel by pulling the gun trigger until the pressure drops down to $1\sim2 \text{ kgf/cm}^2(28.4 \text{ psi})$.
- 4. Close the steam outlet valves and release all the remaining steam from the hoses by pulling the gun trigger.
- 5. Release remaining steam from the steam vessel by opening the drain valve.



Keep drain valve open for the next operation



DANGER. Burn hazard! Hot steam. Keep hands clear.

6. In cold weather, take precautionary measures to keep water pipes from freezing and bursting. (See page 23, "Freeze Prevention").

Maintenance

Before to check product



Must cool down the product.



Must get rid of pressure in the product.



Wear appropriate protective gloves.



Unplug to shut down the power.



Caution of burn

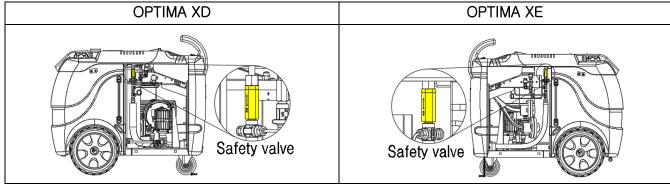


Keep the below maintenance schedule.

Maintenance Schedule

	Maintenance items		Monthly	Every	Every
	Waintonarioo itomo	Daily	Wioritality	3months	6months
Α	Drain boiler	✓			
В	Drain Water / Fuel tank	✓			
С	Replace filters	✓			
D	Check probes / clean or replace if necessary	✓			
E	Check electrodes and fuel nozzle and clean it (Contact dealer)			✓	
F	Descale boiler inside (Contact dealer)				√
G	Clean Cylinder inside / remove soot (Contact dealer)				✓

*For your safety, the Safety Relief Valve must be replaced when a leak is present. If no leak occurs, the Safety Relief Valve must still be replaced every 3 years.



A. Drain boiler

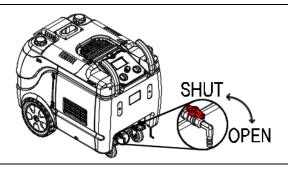
- 1. Reduce pressure below 2 kgf/cm²(28.4 psi)
- 2. Open the drain valve until water drained out.
- 3. Leave drain valve open until the next use.



Wear appropriate protective gloves for hands because steam is very hot.



Leave drain valve open until the next use.

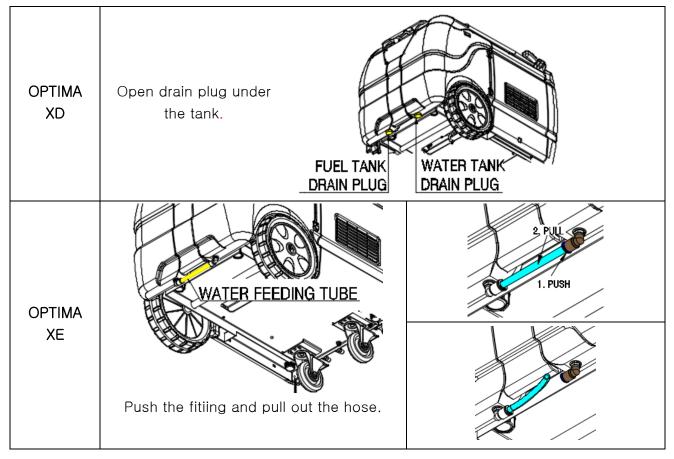


B. Drain Water / Fuel tank

Open drain plug under the tank or disconnect the tank connection hose.

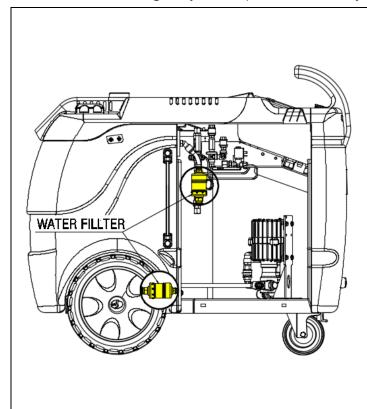


Caution: Slippery when wet



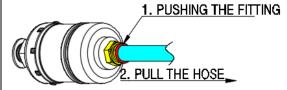
C. Replace filters

Check water filter regularly and replace if necessary.



How to replace water filter

- 1. Drain out all water from water tank. (Refer P. 18)
- 2. Push the fitting(red part) and pull the hose(blue part).



3. Replace New filter.

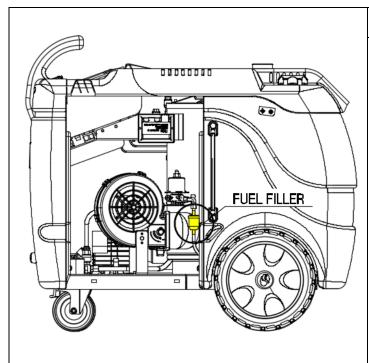


Check the direction of filter when you replace it.
(Refer the drawing left)

4. Insert hose to filter and push it until it connects completely.

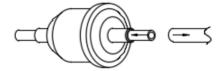
(you can not pull out the hose by hand)

There is fuel filter for **OPTIMA XD.** Please check it regularly and replace it if necessary.



How to replace fuel filter

- 1. Drain out all fuel from fuel tank by opening drain plug under the tank. (Refer P. 18)
- 2. Disconnect the fuel hose from fuel filter by pulling.



3. Replace new fuel filter.



Check the direction of filter.

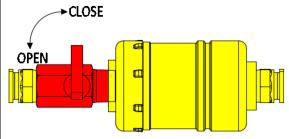
4. Connect them again by pushing the fuel filter outlet into the fuel hose.

C-a. Replace filters (US VERSION)

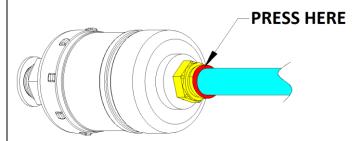
1) Check the water filter frequently, and replace it with a new filter if it's dirty.

OPTIMA XD/E WATER FILLTER

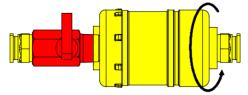
1. Close the Water filter shut off valve.



2. Press the release ring of one touch fitting and pull out the water tube. (See below image)



3. Rotate the water filter counterclockwise to detach it.



- 4. Install a new water filter in reverse order of disassembly.
- 5. Open the Water filter shut off Valve. (Most Important Step!)



Be careful with the filter installation direction. (See above images)

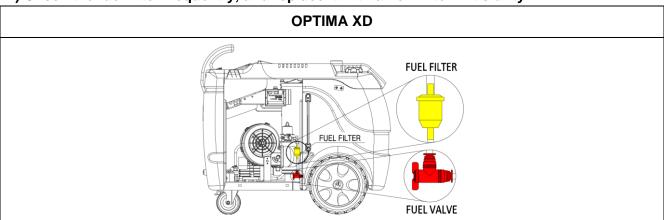


*** CAUTION ***

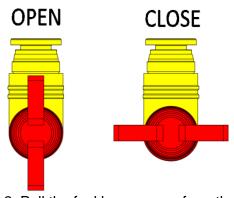
You must keep the valve opened during machine operation.

If you damage the machine with this issue, it will not be covered under warranty.

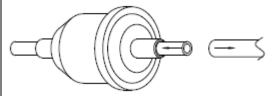
2) Check the fuel filter frequently, and replace it with a new filter if it's dirty.



1. Close the Fuel filter shut off valve..



2. Pull the fuel hoses away from the fuel filter.



- 3. Install a new fuel filter in reverse order of disassembly.
- 4. Open the Fuel filter shut off valve. (Most Important Step!)



Be careful with the filter installation direction. (See above image)



*** CAUTION ***

You must keep the valve opened during machine operation. If you damage the machine with this issue, it will not be covered under warranty.

D. How to check and clean water probes

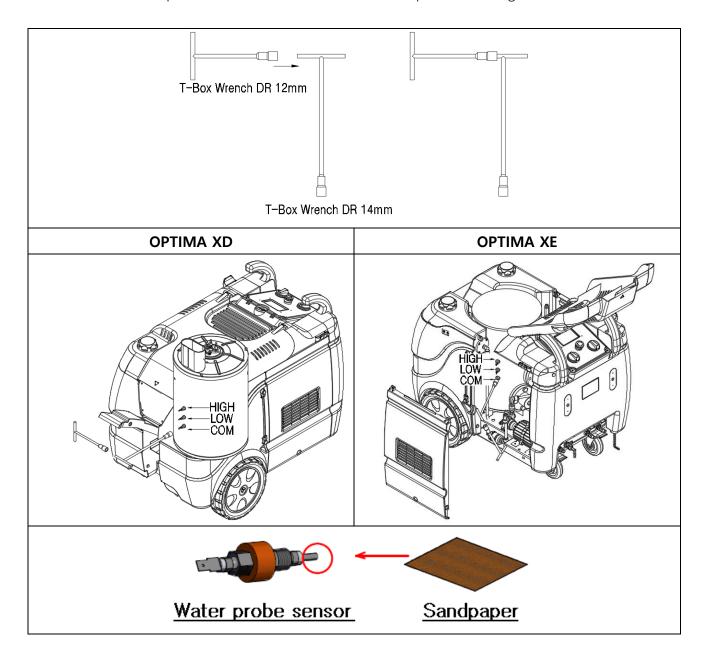
There are 3 water probes (high/common/low).

Minerals in the water or various foreign materials would be hardened and this may make water probe's malfunction.

Requires: 14mm long box wrench or Spanner, Sand paper, Teflon tape.

Procedure:

- 1. Unplug the power plug and then remove pressure completely by opening steam valve.
- 2. Open the drain valve and drain out all water from boiler.
- 3. Detach top cover and front cover. Then detach the all wires from water probe sensors.
- 4. Disconnect water probe sensors from steam vessel by 14mm long box wrench.
- 5. Clean the water probe sensor by soft sand paper. Replace it if necessary.
- 6. Wind Teflon tape 6 times on the thread in order to prevent leakage.



Freeze Prevention



In cold climates, it is necessary to store the product in an area where a temperature is above freezing.

Follow the below steps to protect your product against freezing and bursting.

Steps:

1. Drain the steam vessel

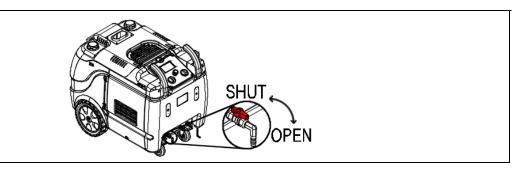
Reduce pressure under 2 kgf/cm²(28.4 psi) and then drain out water from the steam vessel by opening a drain valve. Leave the drain valve open until the next use.



Wear appropriate protective gloves for hands because steam is very hot.



Leave drain valve open until next use.

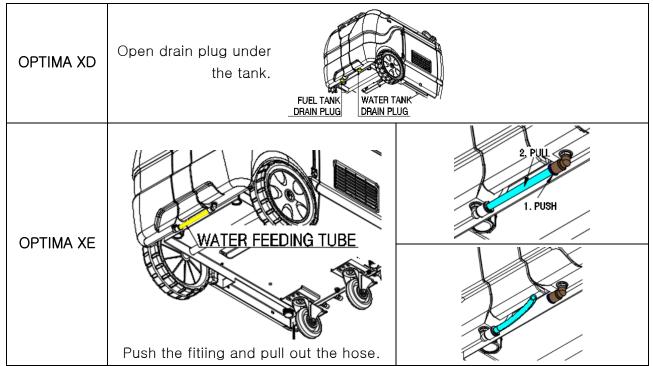


2. Drain Water tank

Open a drain plug or water tank connection tube under the water tank.

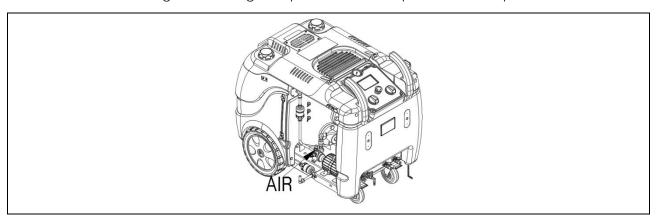


Caution: Slippery when wet.



3. Drain the water feeding lines and the water pump.

Open the drain valve, then disassemble/detach water feeding line like the below picture and drain all remaining water using compressed air. Keep drain valve open until next use.



4. Storage

Keep Product in a warm place to prevent for being frozen.

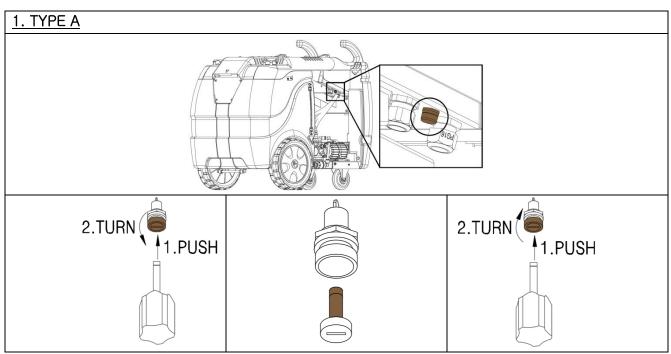


Pipe line or parts can be ruptured, if product is frozen badly. Freeze can cause malfunction. If product would be frozen, do not operate it immediately.

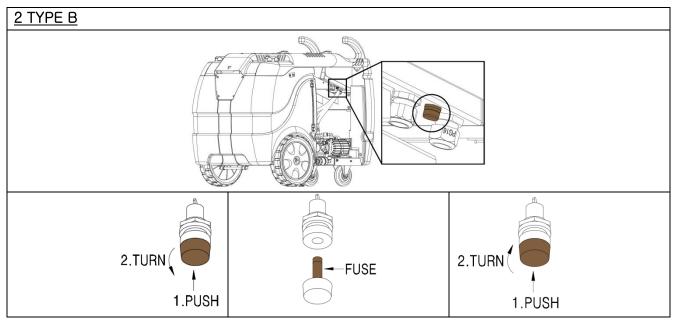
Put the product in warm place in order to thaw. After that, check if there is any damage.

If the machine is visually damaged or performs abnormally, immediately turn off the machine and contact your distributor or manufacturer.

Fuse change



- 1. Push and turn anticlockwise the fuse cap with a screw driver to take out.
- 2. Replace into a new fuse.
- 3. Push and turn clockwise the fuse cap with a screw driver to lock.



- 1. Push and turn anticlockwise the fuse cap to take out.
- 2. Replace into a new fuse.
- 3. Push and turn clockwise the fuse cap to lock.

Troubleshooting Guide

When a malfunction occurs, refer to the troubleshooting guide below. If the problem persists, please contact your local distributor and report the problem by referring to the ERROR CODE.

Symbol Description



Alarm beeps continuously



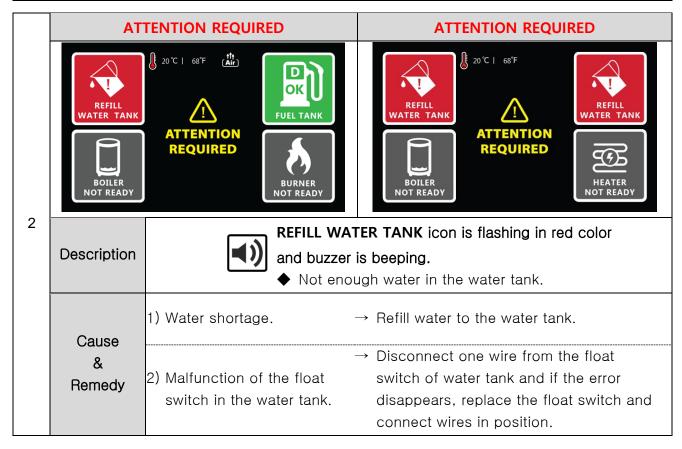
Alarm beeps once

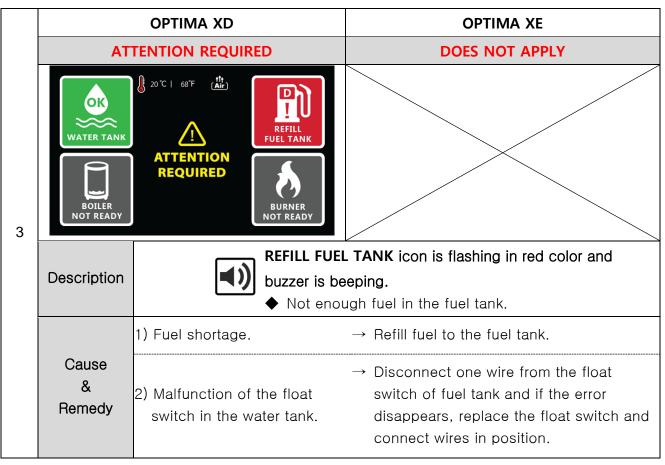


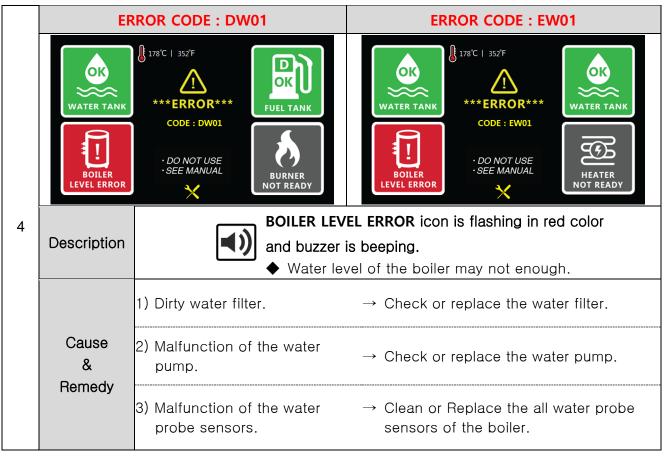
Continuous pressure increases over 9 bar (130 psi)

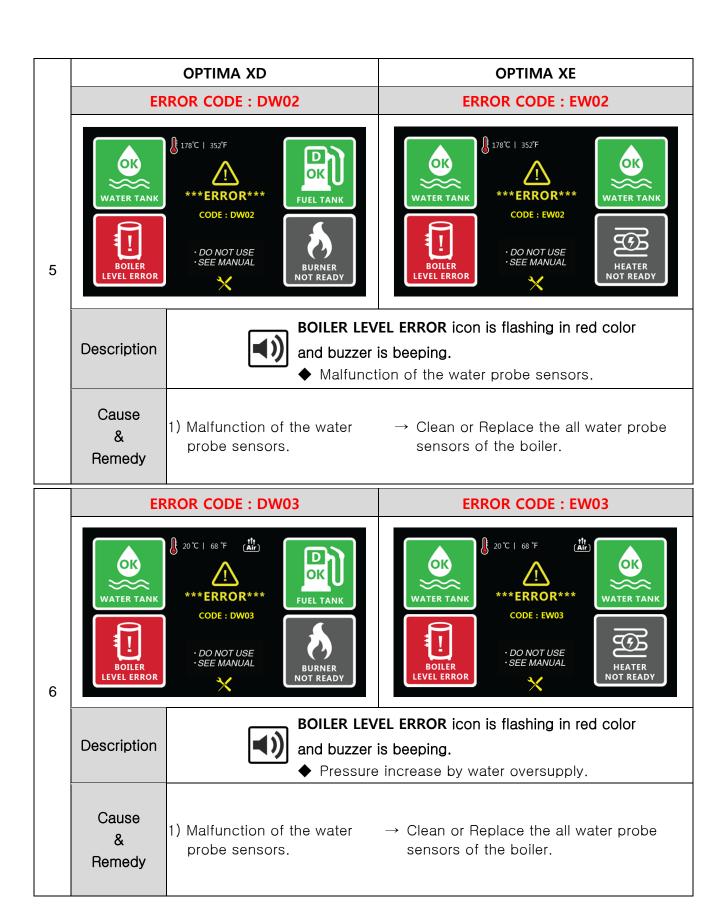
Error display and Solution

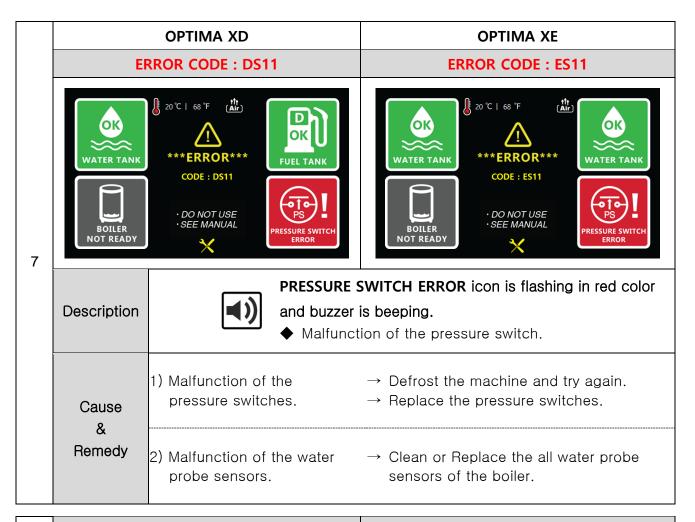
	Description	Nothing on LCD screen and no alarm sound when POWER & STEAM switches are on.		
	Description			
		1) No power supply.	→ Check your electrical power source.	
1	Cause		ightarrow Check power plug connection.	
	&	2) Emergency Stop switch	ightarrow Release the Emergency Stop switch.	
	Remedy	is pressed.		
		3) Fuse is blown.	→ Replace the fuse.	

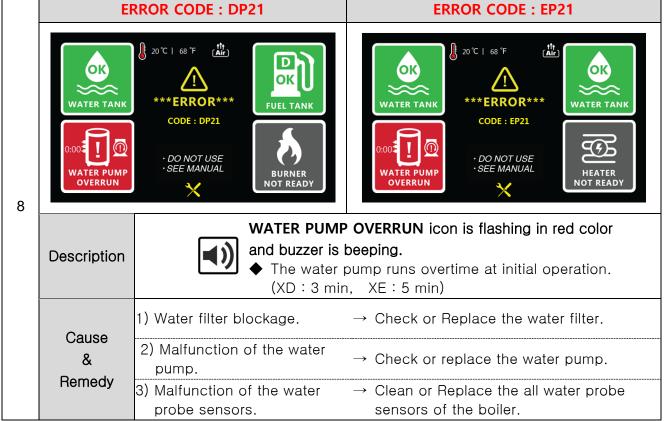


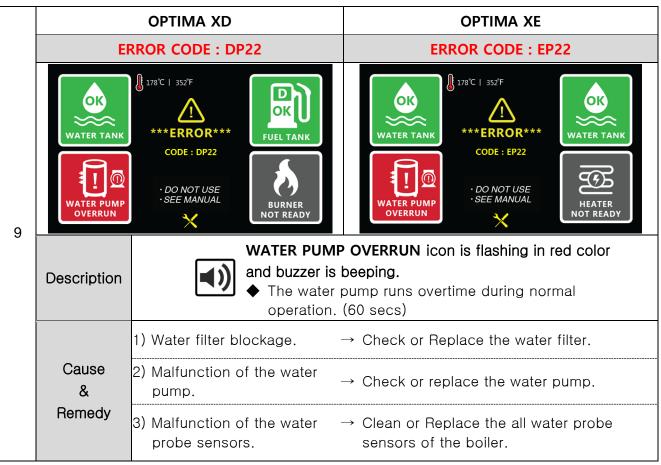


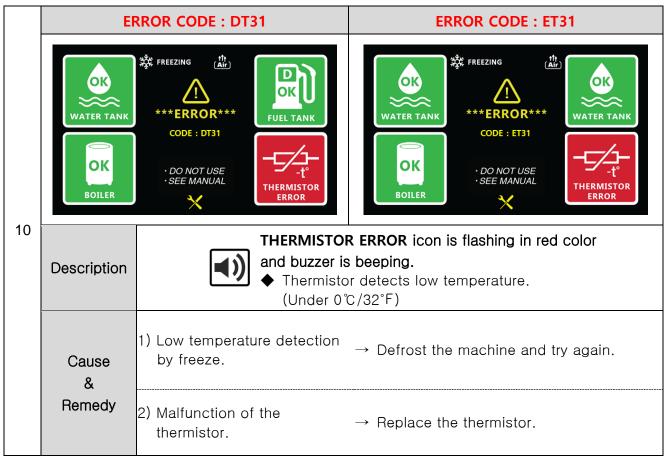


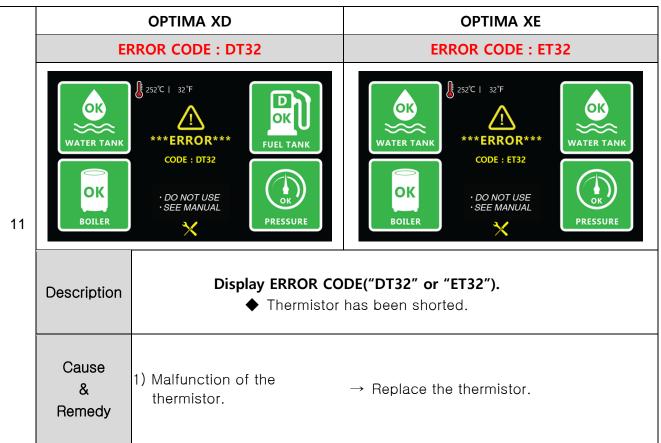


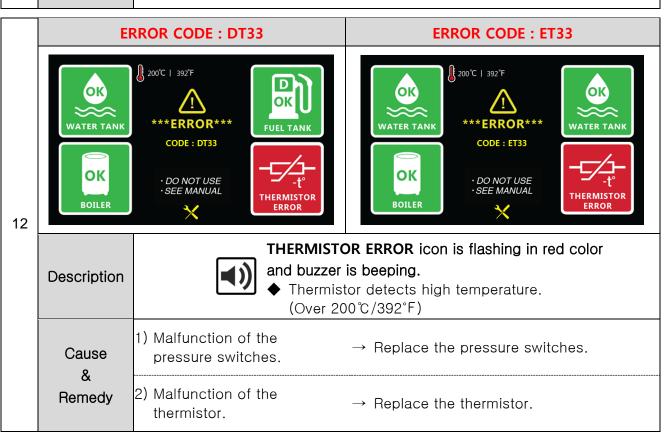


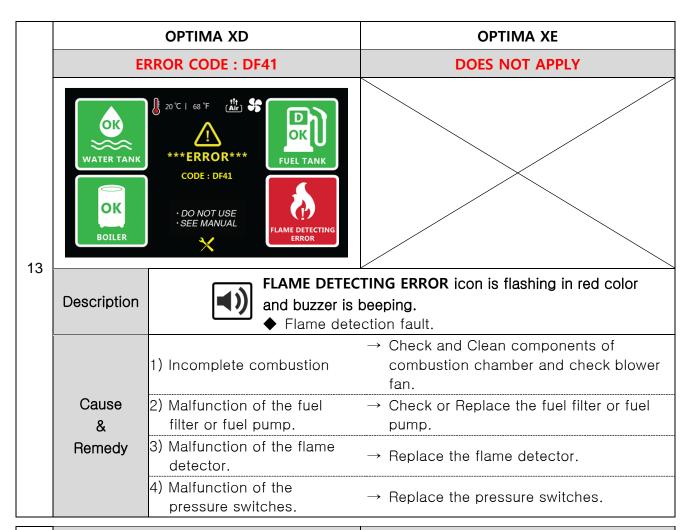


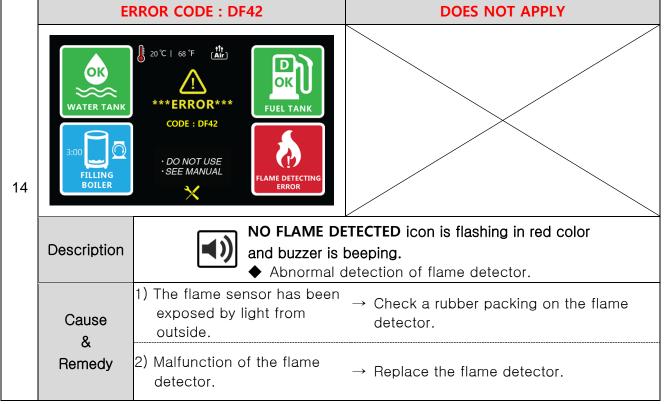


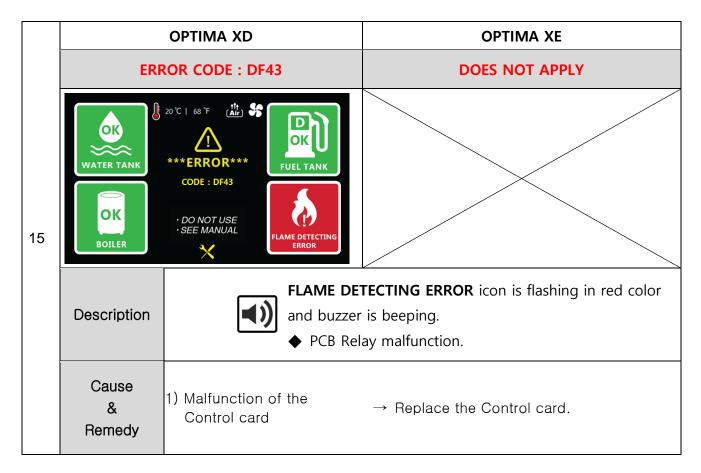


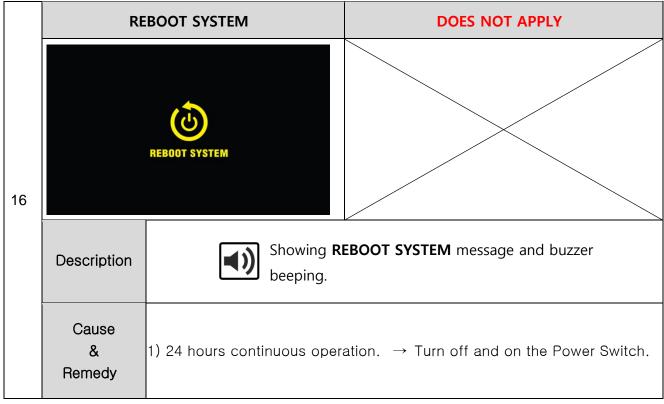












	Description	Boiler pressure keeps incre	asing above 9 bar (130 psi).
17	Cause	1) Malfunction of the pressure switch.	→ Replace the pressure switches.
	& Remedy	Malfunction of the water probe sensors.	→ Clean or Replace the all water probe sensors of the boiler.
		3) Using distilled water	→ Use normal tap water. (above 15 ppm)

18	Description	Steam or water leaks from underneath.		
	Cause	1) Safety valve has activated.	→ Solve the reason of abnormal pressure and replace the safety valve.	
	& Remedy	2) Damaged by freeze rupture.	→ Replace a broken part.	
		3) Damaged piping line.	→ Fix or replace a broken part.	
	SAFETY VALVE			

18	Description	Water supplying tube of water pump is hot or damaged.			
	Cause	1) Malfaration of			
	&	 Malfunction of → Replace the non-return valves the non-return valve. and damaged parts. 			
	Remedy	the non-return valve. and damaged parts.			
	NON-RETURN VAVLE				

19	Description	Water tank is abnormally hot.	
	Cause	1) Malfunction of the Dreather	
	&	 Malfunction of the Breather → Replace the Breather valve. 	
	Remedy	vaive.	
	BREATHER VALVE		

	Description	Static electricity on the spray gun or the machine		
20	Cause & Remedy	The machine is not grounded properly.	→ Ensure that the machine is grounded using the grounding chain located at the rear bottom of the machine.	

Service Request



Your machine has a defect or broke down?

Simply register your service requirement by scanning here and SJE Service center will contact you as quickly as possible to provide further information.

OPTIMA STEAMER™ Limited Warranty

SJE Corporation Ltd. hereby warrants that new Optima Steamers purchased directly from SJE Corporation Ltd., headquartered in Busan, South Korea will be free from defects in material and workmanship for the period of time stated below, subject to certain limitations.

OUR WARRANTY POLICY

This warranty is not transferable and covers replacement parts only. This warranty does not cover any consequential damages or business loss.

THE PERIOD OF WARRANTY

The warranty on your Optima Steamer is twelve(12) months (6months for authorized distributors) from the date of purchase by the original owner against defects in material and workmanship.

GENERAL EXCLUSIONS

General exclusions from this warranty shall include any failures caused by:

- a. Installation of parts, attachments or accessories that are not original to the unit or genuine Optima Steamer parts. (i.e. external aftermarket attachments such as exhaust duct extension)
- b. Abnormal strain, neglect, or abuse.
- c. Lack of proper maintenance.
- d. Accident or collision damage.
- e. Changing or altering factory settings without consulting with an authorized technician.
- f. Damage or malfunctions resulting from natural calamity, freezing, theft, accident, vandalism, abuse due to misapplication and/or improper site conditions.
- g. Water damage
- h. Electrical damage from including, but not limited to improper use of extension cords, failure to meet proper voltage requirements, incorrect or insufficient amperage circuit.
- i. Insufficient unobstructed distance on exhaust

Items not covered under warranty include:

- a. Parts replaced due to normal wear or routine maintenance including, but not limited to sensors, filters, fuses, valves, pipes, electrodes, cables and fittings (i.e. nipples, couplings, o-rings, etc)
- b. Consumable or wearing items requiring replacement as part of normal operation including, but not limited to steam hoses and guns.
- c. Any transportation or travel costs.
- d. Reimbursement for rental units while repairing warranty items.
- e. Normal maintenance items such as: draining tanks and boiler, descaling, filter and sensor changes, boiler cleaning, tightening and sealing bolts and fittings and others stated in the User Manual.
- f. Failure caused by water scale problem due to local water conditions.
- g. Warranty work completed after 30 days from discovery.
- h. Damage, problems or failure caused by factors external to the Product including, but not limited to, faulty or poor external electrical wiring, incorrect or faulty power supply, voltage fluctuations, over voltage transients or electromagnetic interference, inadequate or faulty water or fuel.

CUSTOMER'S RESPONSIBILITY

Under this warranty, the customer's responsibility shall be to:

- a. Operate and maintain the machine as specified in the instructions manual.
- b. Give notice to authorized Optima Steamer dealer or SJE Corporation Ltd. of apparent defects within seven (7) days after discovery.
- c. Provide proof of purchase, purchase date, and serial number of the warranty item(s).
- d. Make the unit available for inspection and repairs at dealer's place or service center. If shipped, transit costs should be prepaid.

For warranty service request, please e-mail tech@sjecorp.com or call +82 51 521 3200.

SJE Corporation Ltd. recommends that you read the Operating Instructions, and in particular the troubleshooting guide on USER'S MANUAL before you make a Warranty service





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