



Model

MPT80 500004335

MPT100LS 500004336

Installation and User's Guide



EN

DE

NL

FR

IMPORTANT SAFETY INFORMATION:

Read this manual first before attempting to install or use this electric Optimyst stove. Always comply with the warnings and safety instructions contained in this manual and presented on the appliance to prevent personal injury or property damage.

To view the full range of Dimplex products, visit www.dimplexfires.com

The product complies with the required Product Safety, Electromagnetic Compatibility and Environmental Standards. This product is fully compliant with LVD, EMC, RoHs and EcoDesign Directives.



EN: This product is only suitable for well insulated rooms or occasional use. DE: Dieses Produkt ist nur für gut isolierte Bereiche oder gelegentliche Verwendung geeignet. FR: Ce produit convient uniquement à des endroits bien isolés ou pour un usage occasionnel. IT: Questo prodotto è adatto solo per spazi ben isolati o per uso occasionale. ES: Este producto sólo es adecuado para espacios bien aislados o un uso ocasional. NL: Dit product is uitsluitend geschikt voor goed geïsoleerde ruimten of voor sporadisch gebruik. PL: Produkt ten jest odpowiedni wyłącznie do dobrze odizolowanych miejsc lub do okazjonalnego użytku. NO: Dette produktet egner seg kun for godt isolerte rom eller sporadisk bruk. RO: Acest produs este adecvat exclusiv spațiilor bine ventilate sau utilizării ocazionale. CZ: Tento výrobek je vhodný pouze do dobře izolovaných prostor nebo k příležitostnému použití. DK: Dette produkt er kun egnet til velisolerede rum eller lejlighedsvis brug. PT: Este produto somente é adequado para espaços bem isolados ou uso ocasional. SE: Denna produkt är endast avsedd för välisolerade utrymmen eller tillfällig användning. FI: Tämä tuote soveltuu ainoastaan hyvin eristettyihin tiloihin tai satunnaiseen käyttöön. SK: Tento výrobok je vhodný len pre dobre izolované priestory alebo na obasnú použitie. SI: Ta izdelek je primeren le za dobro izolirane prostore ali za obasno uporabo. HR: Ovaj proizvod je pogodan samo za dobro izolirane prostore ili povremenu upotrebu. HU: Ez a termék csak jól szigetelt terekhez vagy eseti használatra alkalmas



INSTALLER: LEAVE THIS MANUAL WITH THE APPLIANCE.
CONSUMER: RETAIN THIS MANUAL FOR FUTURE REFERENCE

Registration



REGISTER YOUR PRODUCT ONLINE

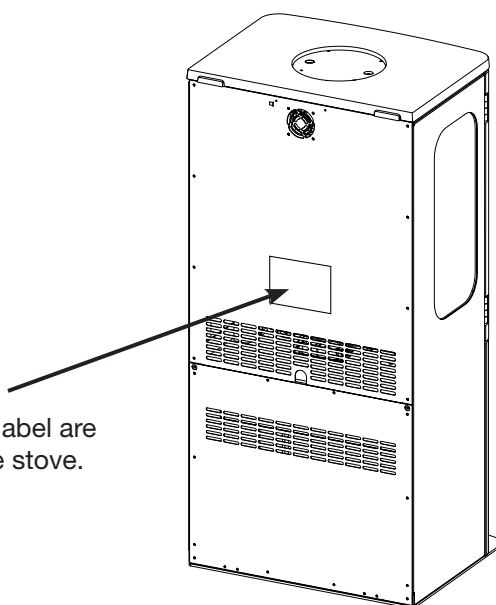
www.dimplexfires.com

Thank you for purchasing an Optimyst stove!

Please record your model and serial numbers for future reference.

Model _____

Serial Number _____



Model and serial number label are located on the back of the stove.



NO NEED TO RETURN TO THE STORE

If you have questions regarding the operation of this product or if you require assistance, before returning this product to the place of purchase.

contact us at:



www.dimplexfires.com/support

Please have your model number and product serial number ready.

SAVE THESE INSTRUCTIONS

IMPORTANT INSTRUCTIONS

CAUTION: FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE INJURY AND/OR DAMAGE AND MAY INVALIDATE YOUR GUARANTEE

Important Safety Advice

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electrical shock and injury to persons, including the following:

- If the appliance is damaged, check with the supplier before installation and operation.
- Do not use outdoors.
- Do not use in the immediate surroundings of a bath, shower or swimming pool.
- Do not locate the appliance immediately below a fixed socket outlet or connection box.
- Do not block the heat outlet or any of the air vents on this product.

Warning: This heater must not be used for anything other than normal domestic household purposes in the country where it was purchased from a recognised commercial retailer.

Do not use this heater if it has been dropped

Do not use if there are visible signs of damage to the heater.

Use this heater on a horizontal and stable surface, or fix it to the wall, as applicable.

Children of less than 3 years should be kept away unless continuously supervised. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understanding the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by Children without supervision.

Warning: Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

Warning: This appliance must be earthed.

The use of an extension lead or multi-plug adaptor is not advised when connecting this product to the mains. Connection through these devices could lead to a risk of overloading, overheating and even fire at the extension lead or adaptor due to inadequate connection quality.

This heater must be used on an ~alternating current supply (~) only and the voltage marked on the heater must correspond to the supply voltage.

Do not use this appliance in series with a thermal control, a program controller, a timer or any other device that switches on the heat automatically, since a fire risk exists when the appliance is accidentally covered or displaced.

Keep combustible materials such as drapes and other furnishings clear from the front, sides and rear of the heater. Do not use heater to dry your laundry.

Although this appliance complies with safety standards, we do not recommend its use on deep pile carpets or on long hair type of rugs (MPT80 model).

In the event of a fault unplug the appliance. Unplug the appliance when not required for long periods.

The appliance must be positioned so that the plug is accessible. If the supply cord is damaged it must be replaced by the manufacturer or service agent or a similarly qualified person in order to avoid a hazard. Keep the supply cord away from the front of the appliance.

Caution: Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present. This instruction can be found at www.dimplexfires.com

IMPORTANT INSTRUCTIONS

Warning: In order to avoid overheating, do not cover the appliance. Do not place material or garments on the appliance, or obstruct the air circulation around the appliance, for instance by curtains or furniture, as this could cause overheating and a fire risk.

The appliance carries a "Do Not Cover" warning.

Warning: To reduce the risk of fire, ensure the front of the Optimyst stove is clear from obstruction.

Warning: In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

The front of the Optimyst stove must maintain 1 meter from any surrounding furniture, overhanging curtains, or other obstructions.

! NOTE: When placing this stove into an existing chimney breast ensure that the opening has been blocked to avoid any draft affecting the flame effect or the heater.

Before installation, check that the supply voltage is 230-240 V.

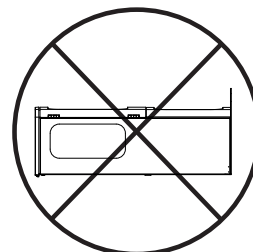
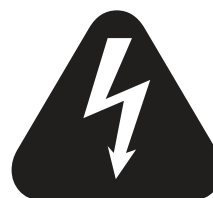
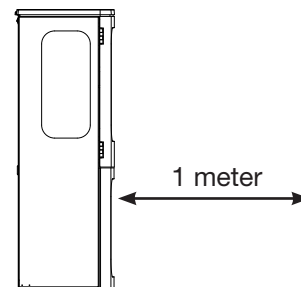
! NOTE: The Optimyst stove must be plugged into AC power. Take the time to thoroughly read all safety warnings and instructions before installing the device. Carefully remove all packing items and read the warning labels on the device. Please keep the packing for future use in case of any necessary moving of the unit.

Always ensure that the Optimyst stove is sitting on a level surface.

Once installed, never move the Optimyst stove or lay it on its back without draining the water from the sump and water tank.

The water tank, sump, nozzle, tank lid, and air filters must be cleaned regularly, particularly in hard water areas where limescale deposits form.

If you intend to not use the Optimyst stove for longer than 1 week, drain the water from the sump, and water tank. Ensure the sump is dry.



! NOTE: It may be possible to hear a noise caused by the operation of the flame effect. That is normal and should not be a cause for concern. The flame effect can be used with or without heating.

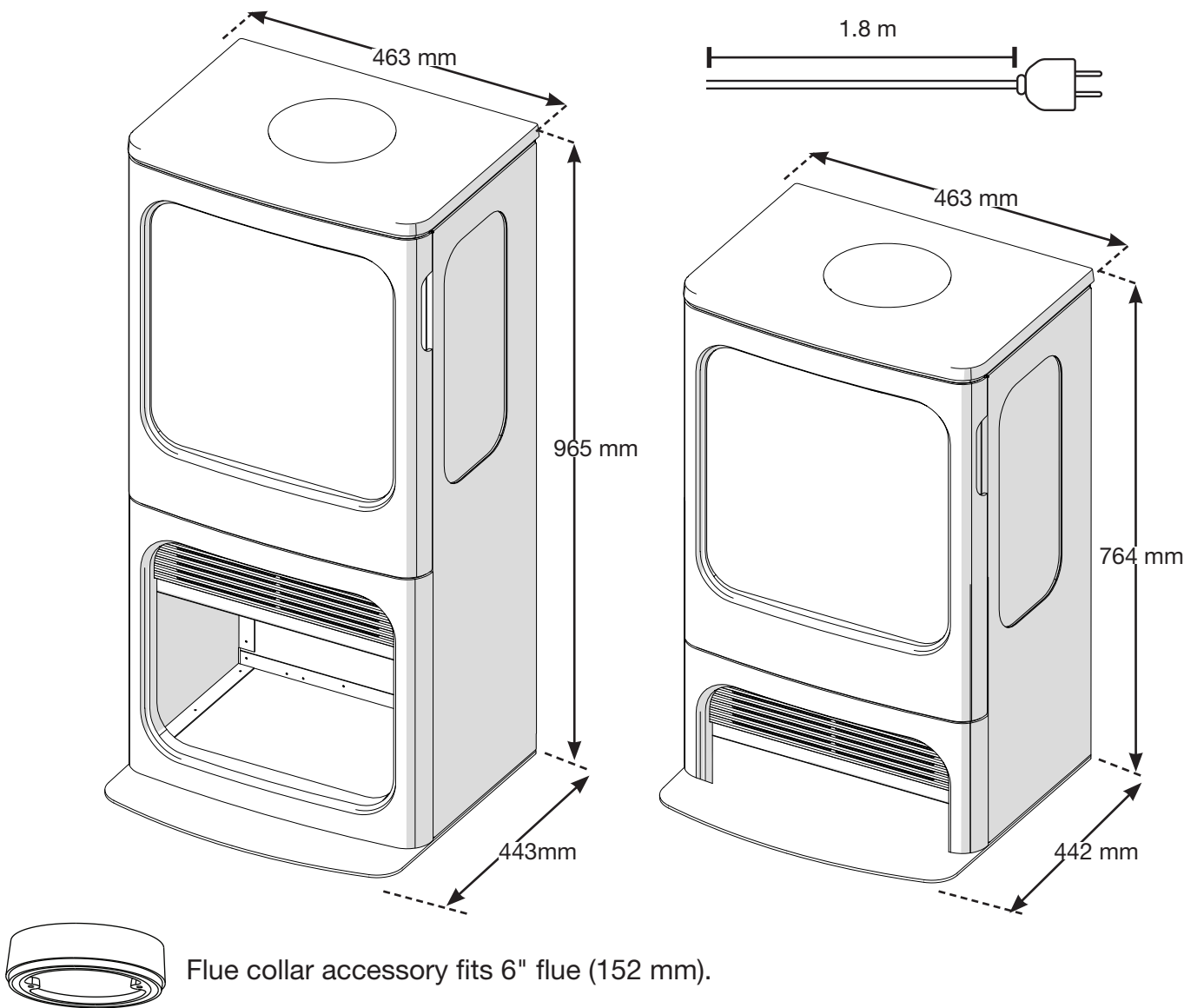
Technical Specifications

Electrical Rating

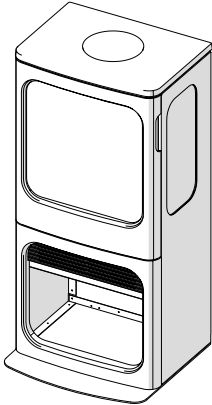
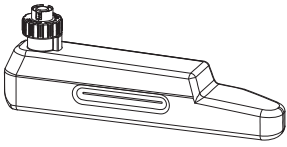
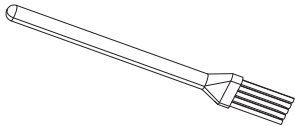
Heat Output		230V	240V	
Nominal Heat Output	P _{Nom}	1.9	2.1	kW
Minimum Heat Output	P _{min}	1	1.1	kW
Maximum Continuous Heat Output	P _{max}	1.9	2.1	kW
Auxiliary Electricity Consumption				
In Standby Mode	P _{Nom}	0.48	0.5	W
Flame Only	P _{Nom}	125	135	W

with electronic room temperature control.

Product Dimensions



Package Contents

	Optimyst stove		Installation and User Guide
	Log Set		Transducer
	Remote Control		Water tank
			Brush

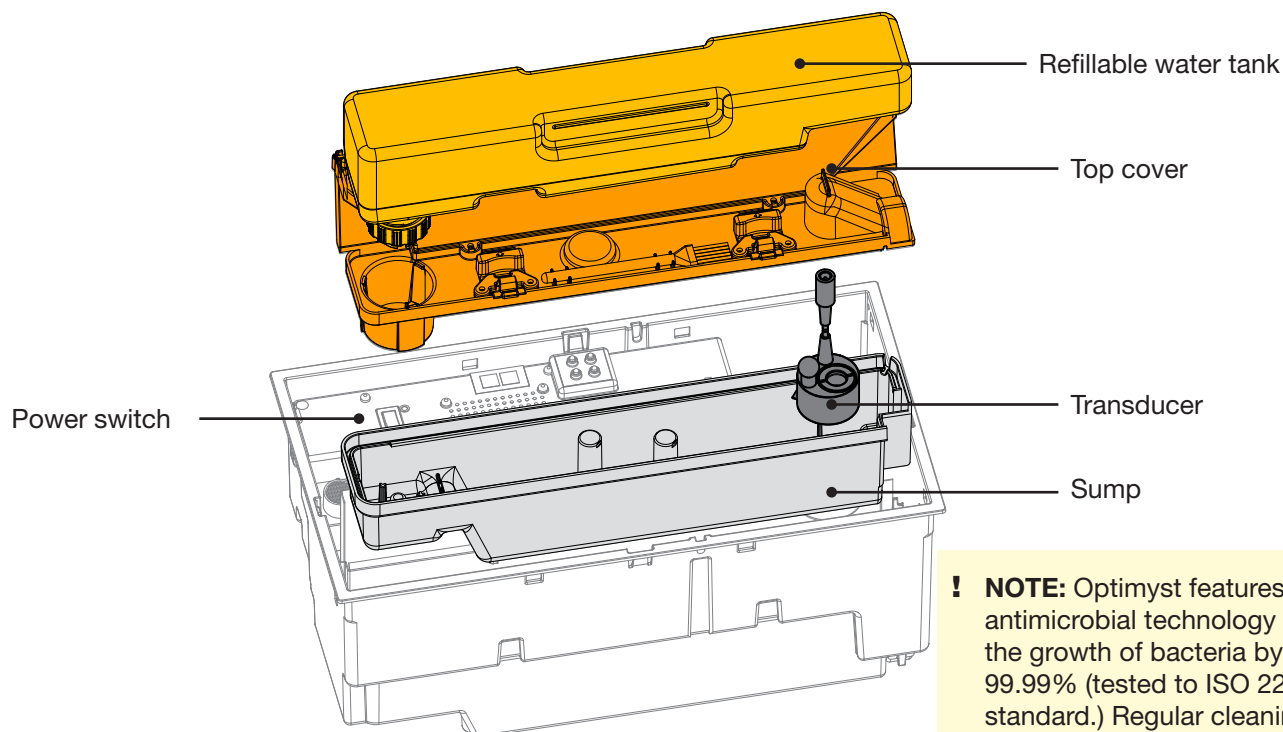
Optional accessories

	Flue collar (sold separately)
---	----------------------------------

Water Supply

Optimyst Components

To access these components, open the stove door and remove the logs.



! NOTE: Optimyst features antimicrobial technology to inhibit the growth of bacteria by up to 99.99% (tested to ISO 22196 standard.) Regular cleaning and maintenance is required.

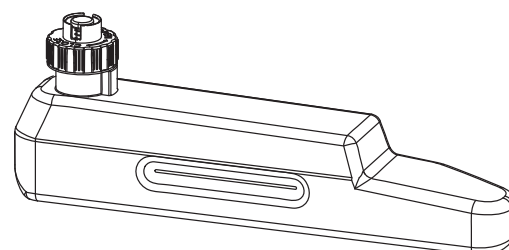
Water quality

- Normal clean tap water should be used.
- In areas with hard water, filtered water is recommended. This prevents the build up of lime scale deposits and along with regular maintenance helps to prolongs the life of the product. More frequent cleaning and maintenance may be required.
- Unfiltered water supplied from a well or any other unmonitored supply is not recommended.
- Do not drink the water from the water reservoir or water tank.



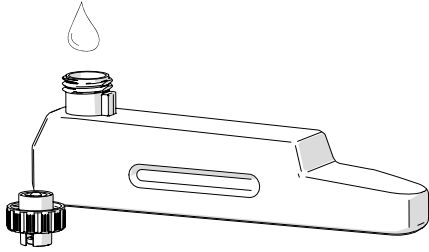
Refilling the water bottle

- The water bottle will need to be refilled every 9 to 12 hours of operation, depending on flame setting.
- Remove the water tank lid by turning it anti-clockwise, and fill it with clean water.
- When screwing the water tank lid back on, be careful to not over tighten the lid.



Installation

1 Fill the water tank



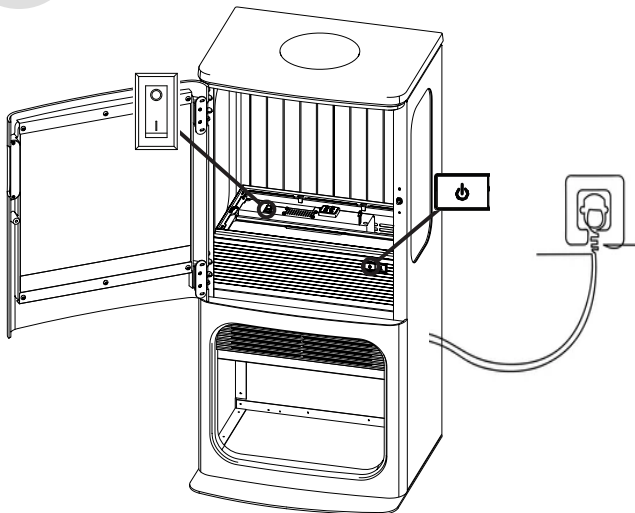
Remove the water tank lid by turning it anti-clockwise, and fill it with clean water.

When screwing the water tank lid back on, be careful to not over tighten the lid.

Reinstall the water tank into the stove.

! NOTE: Only fill the water tank with clean water. This is necessary to produce the flame effect.

2 Plug in the stove and turn it on

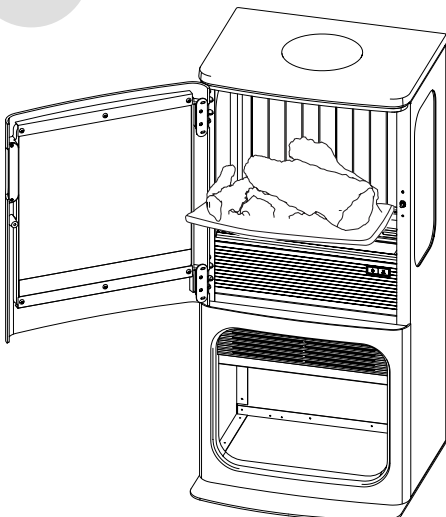


Plug the Optimyst stove power cord into a 13 amp, 230-240 V outlet.

Turn on the power switch on the cassette and press the standby button on the stove.

!NOTE: Ensure that the power cord is not trapped under the Optimyst stove as it could cause the cord to be damaged.

3 Place the log set



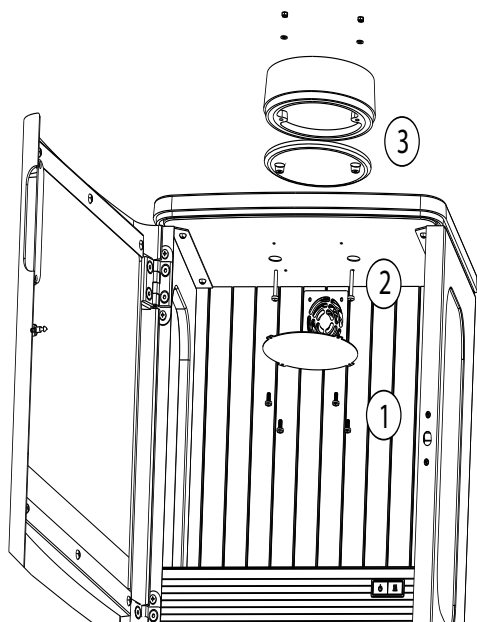
Place the log set inside the stove for the finished look.

MPT100LS model only: Add logs in the log storage below if desired. Do not fill above the spacer bar.

Installation

Installing the flue collar accessory

(optional accessory sold separately)



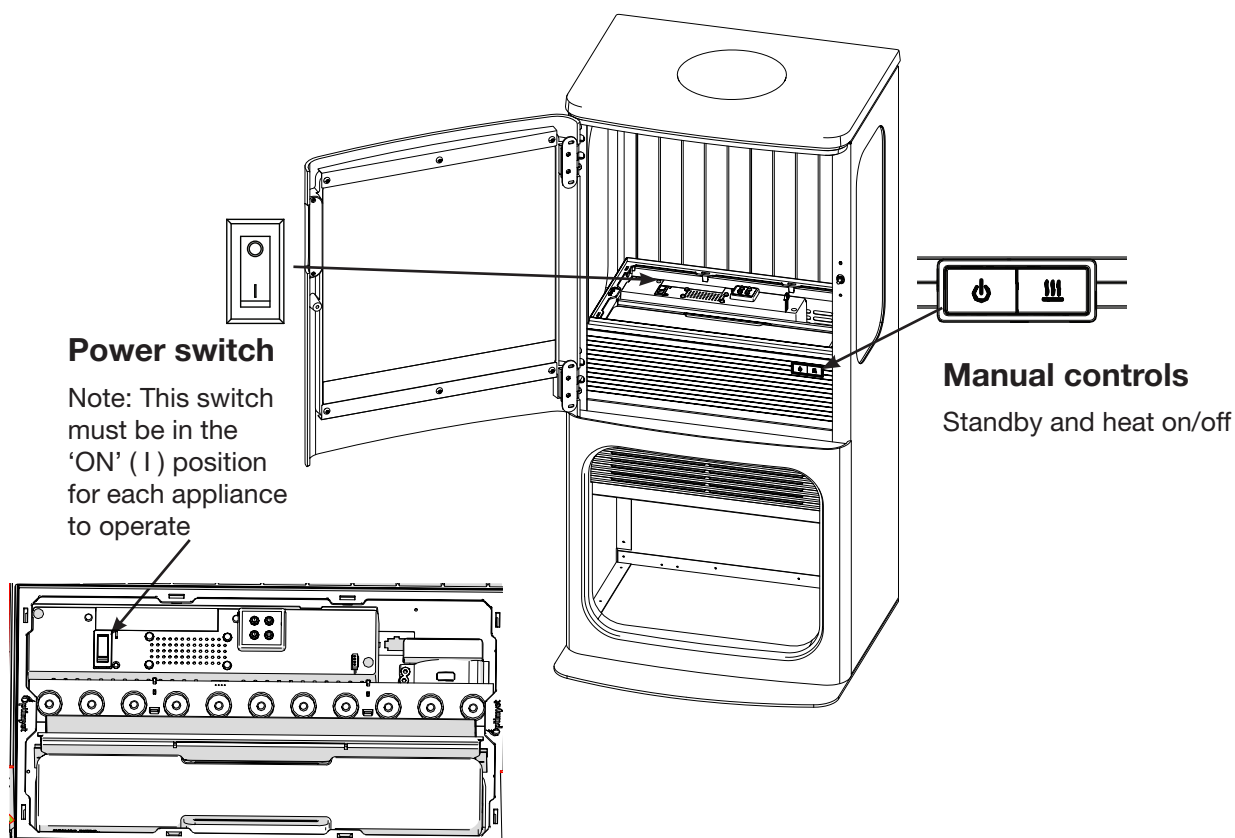
1. Open the door and remove the four screws for the inner reflective panel. Set aside to refit later.
2. Unscrew the two screws holding the lid cap in place. Use a small screwdriver through the hole to push up the cap so it can be lifted and removed.
3. Fit the flue collar accessory onto the top lid and align the fixing holes. Fit the two long screws provided with the flue collar through the lid and secure with nuts provided.
4. Refit the inner reflective panel with the four screws.

Operation

General Operation

⚠ WARNING: This electric stove must be properly installed before it is used.

! NOTE: After a power interruption the stove will return to Standby mode and retain the previously used settings.



Special Functions (using manual controls)

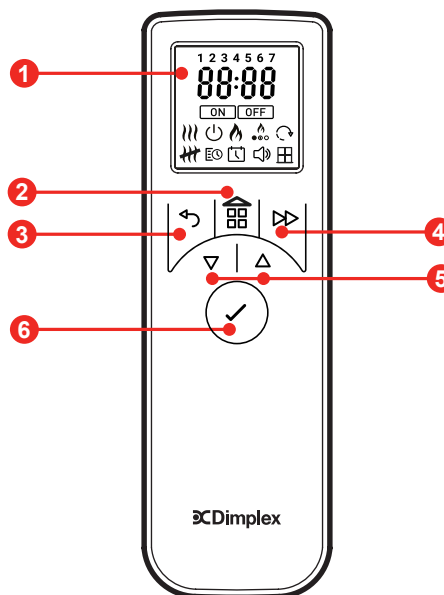
Disable heat: While product is running, hold heat button for 10 seconds to disable heat. The product will beep twice to indicate heat is disabled. When the user tries to turn on the heat the product will beep 4 times and display CD52 on handset. To re-enable heat mode, hold heat button for 10 seconds while product is running. The product will beep once and will resume normal heat function.

Auto-start at power on: While product is running, hold standby button for 10 seconds to enable auto-start when product is powered on. The product will beep twice to indicate auto-start mode is activated. Heat does not auto-start when this mode is active, the user must manually turn heat on. To disable auto-start, hold standby button for 10 seconds when product is running. The product will beep once to indicate auto-start is disabled. When powered on the product will start in standby mode.

Remote Control Operation

! NOTE: After a power interruption the stove will return to Standby mode and retain the previously used settings.

- 1 Display Screen
- 2 'Menu' Button
- 3 'Back' Button
- 4 'Advance' Button (ADV)
- 5 'Up and Down' Arrows
- 6 'Enter' Button (Press to Activate the Remote)



Navigation

To use the functions, press menu and use the ▽ or ▲ arrows until the desired selection is flashing. Press ⏵ to confirm selection. Use the ▽ or ▲ arrows to adjust the setting and press ⏵ to select.

Sleep Mode

The remote control display turns off when not in use to conserve power. To activate the remote, press ⏵. There is a small delay before the screen turns on.

Standby

When it is in standby, the remote will display OFF. Press ⏵ to turn it on. When the unit is on, the remote will display ON. Use the arrows to select the standby icon to put it in standby.

Pairing the remote control

Your remote control is already paired with your product from the factory. If it ever disconnects or you get a new remote, it will need to be paired again. To pair the remote to the fireplace:

1. Open the door and press the rocker switch to the on (I) position. You should hear an audible beep.
2. Press and hold ⏵ until PAIR appears on the display
3. Bring the remote control close to the product where the receiver is.
4. The product will start to beep and blink
5. Press ⏵ to complete the pairing process. The product will go into standby mode.
6. To restart product pairing mode at any time, hold the standby button for 3 seconds when in standby mode. The standby button will flash blue to indicate pairing mode is started and times out after 15 seconds.

Operation

	Standby	Toggles standby on and off. There is a 45-second warm up sequence after pressing this button before the flame starts.
	Flame Intensity	Adjust the flame height of the product for optimal performance. There are six levels of flame intensity. After prolonged use, a higher setting may be required to reach the desired flame effect, which may indicate that the transducer needs to be replaced. Press  or  on manual controls to desired Flame intensity On remote, select  and adjust as needed. Please give the flame generator time to react to the changes you make.
	Volume and crackle sound	Select the volume of the crackle sound from the five volume settings or to turn off the crackle sound. For authenticity you can add the sound of crackling logs to the flame effect. Select the  icon on the remote to adjust the sound level by pressing ▽ or △ followed by ENTER to select. On the manual controls the  button turns the sound on/off.
	Heat On / Manual Mode	Press to turn heat on/off on manual controls. With remote, after selecting  , use ▽ or △ adjust to the desired room temperature. Note the default temperature setting is 21°C and the maximum temperature set point on the product is 30°C. Press enter to confirm,
High/low heat mode		While heat menu is active, hold the advance button for 3 seconds to access the Hi/Lo heat output menu. Hi = full heat output, Lo = half heat output, followed by ENTER to select.
	Heat Off (Remote)	To turn Heat OFF, Press the Menu  or Back  button, then use ▽ or △ to highlight the  symbol and press Enter to select.
	Date/Time (Remote)	Date and time must be set up prior to use or after changing the batteries. To set the date and time on the remote: 1. Press Enter when the  is blinking 2. Press ▽ and △ to set the Hour, press  Note: this product uses as 24-hour clock. 3. Press ▽ and △ to set the Minutes, press  4. Press ▽ and △ to set the Day, press  5. Press ▽ and △ to set the Month, press  6. Press ▽ and △ to set the Year, press  7. Press ▽ and △ to select ON/OFF for the Daylight saving time, press Enter to confirm and returns to home screen.

Operation

	Timer Schedule (Remote)	This features will allow the product to turn on or off automatically at scheduled times. Four times slots are available throughout the day and these can be customised for each day of the week. To toggle the timer schedule on or off, navigate to EO. Select ON or OFF. To re-programme the factory default programs: 1. Navigate to EO. Select Edt. Press ✓. *Days of the weeks are now displayed at the top of the screen* Day 1 = Monday, Day 2 = Tuesday, Day 3 = Wednesday, Day 4 = Thursday, Day 5 = Friday, Day 6 = Saturday, Day 7 = Sunday 2. Press Δ to navigate to the desired day and press ✓. P1 will be displayed on screen 3. Press Enter to select P1, or press Δ to navigate to P2, P3 or P4. Press ✓. ON will be displayed 4. Use ▽ or Δ to adjust the ON Hour time, press ✓ 5. Use ▽ or Δ to adjust the ON Minute time, press ✓ 6. Use ▽ or Δ to adjust the Temperature setting, press ✓ OFF will be displayed 7. Press ▽ or Δ to adjust the OFF Hour time, press Enter to Confirm 8. Press ▽ or Δ to adjust the OFF Minute time, press Enter to Confirm 9. Press Enter to modify Programme P2, follow steps 5-12, Press Δ to skip to P3 10. Press Enter to modify Programme P3, follow steps 5-12, Press Δ to skip to P4 11. Press Enter to modify Programme P4, follow steps 5-12 To copy newly programmed P1-P4 heating programmes to other days, press and hold ADV button COPY will be displayed then navigate UP/DOWN buttons to other days, while the day flashing press and hold ENTER button to paste, PASTE will be displayed to confirm the setting.
---	---------------------------------------	---

Advanced functions		
To access the functions below, press and hold the Menu  and Advance button ▶▶ at same time for 3 seconds to access the Advance menu options. Use the ▽ or Δ unit you see the desired menu & press ENTER to select. Note Sb feature not enabled for this product		
	Runback Timer	The product will go to standby after designated period. Select ON using ▽ or Δ (will be flashing) and Enter to go to time menu. Press ▽ or Δ to highlight desired preset time period (30min, 1hr, 1.5hr, 2hr, 4hr, 6hr, 8hr) and ENTER to select. Will highlight rb on screen when active.
	Frost Protection	Frost protect mode prevents the room from freezing. The heater will turn on if the room temperature drops below 7°C. Will indicate fp on the screen when active.
	Temperature Unit Display	User can change the Units of the temperature (°C and °F). Use ▽ or Δ to select and ✓ to confirm.

Maintenance

Remote Control Battery Replacement

To replace the batteries:

1. Remove battery cover of the remote.
2. Correctly install two AA batteries in the battery holder.
3. Secure the battery cover.



Batteries must be recycled or disposed of properly. Check with your Local Authority or Retailer for recycling advice in your area.

Cleaning

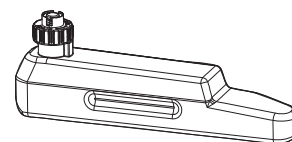
⚠ WARNING: Disconnect power and allow 10 minutes for the heater to cool before attempting any maintenance or cleaning to reduce the risk of fire, electric shock or damage to persons.

⚠ WARNING: The Optimyst stove should not be operated with an accumulation of dust or dirt on or in the unit, as this can cause a build-up of heat and eventual damage.

! NOTE: Avoid spilling any water to prevent water damage to electronics.

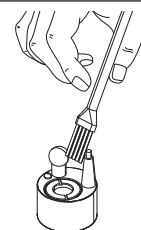
Water Tank

1. Empty the water tank and thoroughly clean the cap and its seals with the supplied brush.
2. Add warm water and washing-up liquid, shake, and rinse thoroughly.
3. Refill with clean water and tighten the cap.



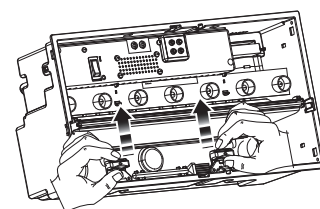
Transducer

1. Disconnect the transducer cable and set it aside.
 2. Use the brush to dislodge any calcium build up.
 3. Rinse the transducer with water.
- Note:** The transducer is a consumable item and may need to be replaced from time to time depending on its usage, water quality and maintenance.



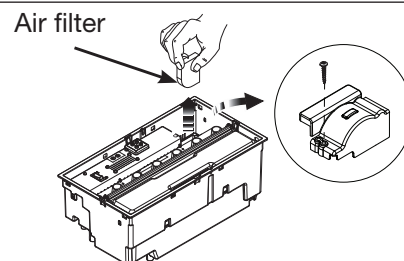
Sump

1. Remove the nozzle by pushing the tabs at the front of the module.
2. Gently lift out the sump, empty it, and clean with warm soapy water using the supplied brush.
3. Rinse thoroughly with clean water.



Air Filter

1. Unscrew the filter cover.
2. Remove the air filter.
3. Rinse the filter and dry with a towel.
4. Reinstall with the coarse black side facing outward.
5. Refit the filter cover.



Surface Cleaning

Use a soft clean duster to clean the surfaces of the Optimyst stove. Do not use abrasive cleaners.



Heater Assembly

Use a dry cloth to remove any dust build-up on the front grille at the base of the Optimyst stove.

Servicing

Except for installation and cleaning described in this manual, an authorized service representative should perform any other servicing.



Troubleshooting

Problem	Cause	Solution
The flame effect will not start.	Low water level. CD01/CD51 is displayed.	Check that the water tank is full and there is water in the sump.
	The Transducer Unit is not sitting correctly in the sump.	Ensure the Transducer is sitting down into the moulded recess in the sump. Ensure the transducer cable is not obstructed, and that it is connected by pressing it firmly into the socket
The flame effect is too low.	Flame effect is set too low.	Increase level of flame. See 'Operation'
	The transducer has reached the end of its lifespan.	Replace the transducer.
The flame effect has too much smoke.	Flame effect setting is too high.	Decrease level of flame. See 'Operation' Give the transducer some time to adjust to the new setting.
The heater will not start.	The temperature set point is too low.	Increase temperature set point. See 'Operation'.
	The heat function has been disabled. CD02/CD52 is displayed.	Please contact our Customer Service team.
	The on board thermostat has exceeded the allowable temperature CD03/CD33 is displayed.	Inspect the product and remove any obstruction to the heater or to the airflow around the product. Unplug the product and allow it to cool for 10 minutes.
	The thermostat has been damaged Err/CD20 is displayed.	Please contact our Customer Service team.
	The thermal safety cut-out has activated.	Inspect the product and remove any obstruction to the heater. See 'Thermal Safety Cut-out' on how to reset the cut-out
The product will not start	Power cord is not plugged in.	Check power cord is connected to the wall socket correctly. Ensure the power is turned on.
	The connection between the PCB and the display board has failed. CD04/CD40 is displayed	Contact customer service
	There is an error on the PCB CD5/CD23 is displayed	Contact customer service

Guarantee

Your product is guaranteed for two years from the date of purchase. Within this period, we undertake to repair or exchange this product free of charge provided it has been installed and operated in accordance with these instructions. Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee. Please retain your receipt as proof of purchase.

Should you require after sales information or assistance with this product or need to purchase spare parts please speak to your retailer, the place of purchase, in the first instance.

Please note for Optimyst technology:

The Transducer is the heart of Optimyst technology. The ultra sonic waves help produce the Optimyst flame effect. The transducer is a consumable item and may need to be replaced from time to time depending on its usage, water quality and maintenance.

The Transducer has a 12 month guarantee. When buying any spare parts, including transducers, we recommend buying genuine Dimplex spares.

Recycling

At the end of the electrical products useful life it not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

Patent / Patent Application

Products within the Optimyst range are protected by one or more of the following patents and patent applications:

Great Britain GB2460259B, GB2475794B, GB2418014, EP2029941, GB2436212, GB2402206B

United States US8413358, US8136276, US7967690, US8574086

Russia RU2434181

European EP2029941, EP2315976, EP1787063 (A1), EP2388527

China CN101883953A, CN102105746A, CN101057105 (A), CN101438104

Australia AU2009248743A1, AU2007224634

Canada CA2725214, CA2579444, CA2645939

South Africa ZA2008/08702

Mexico MX2008011712

South Korea KR101364191

Japan JP5281417, JP5496291

Brazil BRP10708894

India 4122/KOLNP/2008

New Zealand NZ571900

Tel: 0344 879 1227

Republic of Ireland Tel: 01 8428 222

www.dimplexfires.com



© Glen Dimplex Flame Europe

Millbrook House, Grange Drive, Hedge End, Southampton, SO30 2DF