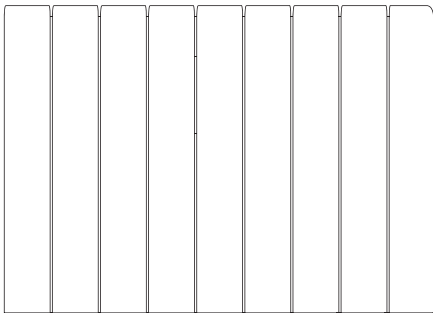


INSTRUCTION MANUAL

Electric Radiator



This manual is for the following models:

NDTL10W-23L

NDTL15W-23L

NDTL20W-23L

When the heater is turned on for the first time or when it has not been used for some time, it may release a slight, harmless odour. This odour is a normal occurrence caused by the initial heating of the internal heating elements and will disappear with use

www.firedupcorporation.com/manual

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SAFETY INSTRUCTIONS

-
- Read ALL the instructions before using this product.
-
- Check that the heater and all supplied accessories are present and intact.
-
- Always check your mains supply is the same as that indicated on the product before connecting.
-
- Always disconnect the heater from the electrical supply before carrying out cleaning or maintenance. To disconnect the heater, switch controls to OFF then remove plug from the outlet.
-
- Always unplug the heater if it is going to be out of use for long periods of time.
-
- Do not use the heater near flammable or explosive materials.
-
- Do not use the heater if the casing, wire or plug are damaged.
-
- Avoid the use of an extension cord which may overheat and cause risk of fire. If an extension cord is necessary, it must be rated above the maximum rated power of the appliance. Care must be taken to arrange the cord so that it cannot be pulled or be tripped over.
-
- 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.
-
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
-



WARNING: In order to avoid overheating, **DO NOT COVER THE HEATER**

- The heater must not be located immediately below a socket outlet.
- Children of less than 3 years should be kept away unless continuously supervised.
- Cleaning and user maintenance shall not be carried out by children without supervision.

CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal cutout, 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.

- Fixed heaters are to be installed so that switches and other controls cannot be touched by a person in the bath or shower.
- Children aged from 3 and less than 8 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 understand 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.

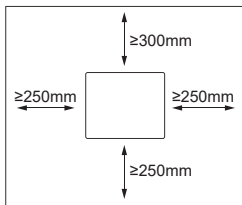
CAUTION: Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

- This heater is hot when in use. To avoid burns, do not touch hot surfaces such as surfaces around the grille in front of the heater. Never let bare skin touch hot surfaces.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not use this heater if it has been dropped or if there are visible signs of damage.

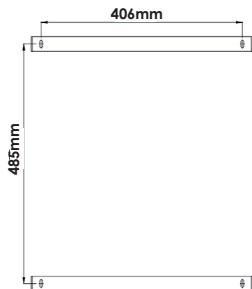
INSTALLATION

Minimum Distances

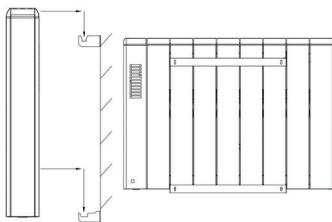
Please ensure the minimum distances from the floor, ceiling and walls are observed and adhered to.



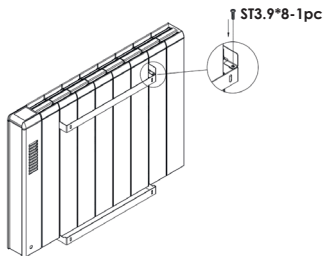
1. Drill the holes on the wall according to the distance shown (right). Take out the wall mounted brackets from the product air outlet and fix them on the wall with the 4 piece screws (ST4.9*35).



2. Place the heater on the wall mounted bracket according to the diagram shown (right).

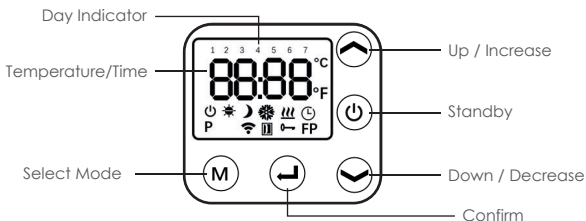


3. Slide the metal plate into the hole and fasten the screw (as seen in the diagram on the right) to lock the appliance into the wall mounted bracket.



IMPORTANT: Before use, ensure the radiator is securely mounted to the wall.

LCD DISPLAY & CONTROL PANEL



ICONS

	Standby		Heater On
	Comfort Mode (set the desired temperature)		Time Reset Indication
	Comfort Mode -1°C (the temperature is -1°C lower than the comfort temperature)	P	Weekly Program
	Comfort Mode -2°C (the temperature is -2°C lower than the comfort temperature)		WiFi Connected
	ECO Mode (maintains the temperature 3.5°C lower than comfort temperature)		Open Window Detection
	Anti-Frost Mode (maintains the temperature around 7°C)		Child Lock
FP	Fil-pilot Control		










OPERATION

Press the Standby key to turn the heater on or off.

Setting the Day and Time

Follow the steps below to set the day and time. The day and time must be set for the Timer Programs to work correctly.

- Long press **M** to enter the time setting screen. The number **1** will flash (**1** to **7** represent Monday to Friday).

- Press  &  to select the current day. For example, if it is Wednesday you need to select **3**. Press  to confirm and enter hour setting.
- Press  &  to select the current hour. Press  to confirm and enter minute setting.
- Press  &  to select the current minute. Press  to confirm. After the minute is set, the display will return to the main screen.








During setting, you can press **M** to return to the previous step.

The device will automatically confirm the setting if there is no action for 10 seconds.





You can change the day and time at anytime by long press **M**.

The time and set temperature will display on the screen alternately.



Selecting Different Modes

- Short press **M** to switch between different modes. You can select Comfort , Comfort -1°C , Comfort -2°C , ECO , Anti-Frost , Open Window Detection , Preset Program 1 **P1**, Preset Program 2 **P2**, Preset Program 3 **P3**, Program **P** and **FP** modes.
- The corresponding mode will appear on the screen. Press  to confirm selection. It will automatically confirm the mode if there is no action for 10 seconds.

Temperature Setting

- Short press **M** to choose Comfort  mode.
- Press  &  to select your temperature for Comfort mode. The temperature will adjust by 0.5°C with each press. The temperature ranges from 5°C to 30°C.
- Press  to confirm.

The device will automatically confirm the setting if there is no action for 10 seconds.

ECO  mode temperature will automatically adjust by -3.5°C according to the Comfort  mode temperature.




Comfort -1°C  mode temperature will automatically adjust by -1°C according to the Comfort  mode temperature.

Comfort -2°C  mode temperature will automatically adjust by -2°C according to the Comfort  mode temperature.


Open Window Detection

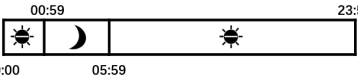
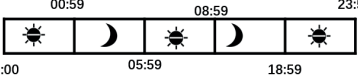
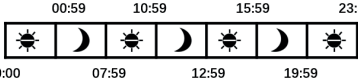

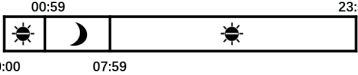
When you select Open Window Detection , the device will enter Comfort  mode as default and detect if any windows are open or not.

If the device detects an open window, the device will automatically enter Anti-Frost  mode.

- Short press **M** and select Open Window Detection. The  icon will display on screen.
- Press  to confirm.
- Press **M** to select other modes, or press Standby  to cancel Open Window Detection.

Pre-set Programs P1 / P2 / P3

- Short press **M** to choose different pre-set programs. The device works from Monday to Sunday, 00:00 - 23:59 according to the default setting as shown below.
- Press  to confirm.

P1	Monday to Sunday	 <p>00:00 05:59 23:59</p>
P2	Weekdays	 <p>00:00 08:59 18:59 23:59</p>
	Weekends	 <p>00:00 07:59 12:59 19:59 23:59</p>
P3	Weekdays	 <p>00:00 05:59 11:59 17:59 23:59</p>
	Weekends	 <p>00:00 07:59 23:59</p>












Program Setting P

You can set the working mode according to your life habit for 7 days / 24 hours.

- Press **M** to select **P**, press  to confirm.

Modify Program Setting P / P1 / P2 / P3

You can modify the programs when your device is working under the corresponding program. For example, you can modify **P1** whilst the device is working under **P1** mode.

- Press **M** to select the working mode you want to modify, then press  to confirm selection.
- Long press **M** and  at the same time to enter modification mode. At that time, number **1** is flashing.
- Press  &  to select the day you want to set. Press  to confirm and enter hour selection.
- Press  &  to select the time you want to set. Press  to confirm and enter mode selection.
- Press  &  to select the mode for this hour. The selected mode icon will flash on the screen. Press  to confirm mode.

During setting, you can press **M** to return to the previous step.




During setting, you can long press **M** and  at the same time again to quit the program setting. All the confirmed settings will be remembered.

For other day settings, repeat the above operation.

The device will automatically confirm the setting if there is no action for 30 seconds.



NOTE: During program modification, only Comfort, Comfort -1°C, Comfort -2°C, ECO and Anti-Frost can be selected.

Child Lock

- Long press  for 3 seconds to activate Child Lock. The  icon will display on the screen. The buttons will lock.
- To unlock, press  again for 3 seconds.

NOTE: The Child Lock will not lock the Standby  button.

The lock function will automatically deactivate under the below circumstances:







1. The device is turned off by pressing the Standby  button.
2. The device suffers a power disconnection. You will need to long press  for 3 seconds to reactivate the Child Lock function.

Fil-Pilot Wire Mode FP

This product works under the control of a pilot wire control box. The **FP** icon and corresponding working mode icon will display on screen.

Press **M** to select **FP** mode.




Press **↵** to confirm selection.

"FIL PILOTE" ORDERS		
ORDERS	Electrical signal	
COMFORT = temp. thermostat	No signal	
COMFORT -1°C		
COMFORT -2°C		
ECO = Comfort -3.5°C	Full alternation 230V 50Hz	
FROST FREE = 7°C	Bottom Half alternation 230V 50Hz	
OFF	Top Half alternation 230V 50Hz	

WiFi Connection

- This product comes with a WiFi  function. You can download the Smart Life app with the below QR code and register an account.







- Once the registration is complete, you can connect to the WiFi by pressing  &  at the same time until you hear a beep sound twice. The WiFi  icon will display on the device's screen.
- In the Smart Life app, press **+** in the top right to add device.
- Follow the instructions shown on the app to connect your device.
- You can now use the Smart Life app on your phone to control the device.

TROUBLESHOOTING

PROBLEM	SOLUTION
The appliance does not heat	<ol style="list-style-type: none">1. Ensure that the circuit breakers are switched on the installation, or the shredder did not cut the power supply (if the installation has one).2. Select the Comfort mode.3. Increase the temperature setting.
The device heats permanently	<ol style="list-style-type: none">1. Ensure the device is not in a draft.2. Reduce the temperature setting.

IN CASE OF POWER FAILURE

- If the power supply is cut, after recovery, the device will beep once and return to the working mode and time before the power failure. The  icon will flash on screen to remind you to reset the day and time.
- If the time is correct, press  to confirm, and  icon will disappear.
- If the time is not correct, long press **M** to reset the day and time. Once the day and time reset, the  icon will disappear. The device will return to the corresponding work mode.

CARE & CLEANING

1. Before cleaning the appliance, switch off the power supply and wait until it is completely cooled.
2. Use a damp cloth to clean the housing of the device.
3. Clean grilles and air outlet regularly. Never immerse the appliance in water or allow water to enter the appliance.

SPECIFICATION

Supply Voltage	-	230V
Rated Power	-	1000W / 1500W / 200W
Class	-	II
IP	-	IP24

TECHNICAL PARAMETERS

Information requirements for electric local space heaters

Item	Symbol	Value kW	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P_{nom}	1/1.5/2	kW	manual heat charge control, with integrated thermostat	[yes/ <u>no</u>]
Minimum heat output (indicative)	P_{min}	N/A	kW	manual heat charge control with room and/or outdoor temperature feedback	[yes/ <u>no</u>]
Maximum continuous heat output	$P_{max,c}$	1/1.5/2	kW	electronic heat charge control with room and/or outdoor temperature feedback	[yes/ <u>no</u>]
Auxiliary electricity consumption				fan assisted heat output	
				[yes/ <u>no</u>]	
At Nominal heat output	eI_{max}	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	eI_{min}	N/A	kW	single stage heat output and no room temperature control	[yes/ <u>no</u>]
In standby mode	eI_{SB}	0	kW	Two or more manual stages, no room temperature control	[yes/ <u>no</u>]
				with mechanic thermostat room temperature control	[yes/ <u>no</u>]
				with electronic room temperature control	[yes/ <u>no</u>]
				Electronic room temperature control plus day timer	[yes/ <u>no</u>]
				Electronic room temperature control plus week timer	[yes/ <u>no</u>]
				Other control options (multiple selections possible)	
				room temperature control, with presence detection	[yes/ <u>no</u>]
				room temperature control, with open window detection	[yes/ <u>no</u>]
				with distance control option	[yes/ <u>no</u>]
				with adaptive start control	[yes/ <u>no</u>]
				with working time limitation	[yes/ <u>no</u>]
				with black bulb sensor	[yes/ <u>no</u>]
Contact details	Name and address of the manufacturer or its authorised representative. (Back Page)				

The Seasonal space heating energy efficiency of all local space heaters except commercial local space heaters η_S (%): 38

CONFORMITY WITH DIRECTIVES

Conforms with relevant European Directives



ENVIRONMENTAL PROTECTION

- (WEEE) Waste Electrical and Electronic Equipment

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



GUARANTEE

For your convenience, you are not required to complete a form and return it to us in order to validate your guarantee. However, please ensure that you retain your receipt which will act as both proof of purchase and a guarantee validation document. **We recommend that you attach your receipt to this documentation.**

Your product carries a 12 month guarantee from the date of original purchase (or as otherwise provided in writing at point of purchase). If your product fails to operate to its specification, due to faulty workmanship or materials during the guarantee period, we will either repair or replace the product. We will use our discretion to determine whether to offer a repair or provide a replacement. The product will not be covered by the guarantee if it has been misused, transformed, modified or altered in any way.

If your product fails within the guarantee period please ensure that you have all necessary documentation available including proof of purchase (receipt or invoice with serial number, location and date of purchase) in addition to all original undamaged packaging and leaflets etc. It is strongly recommended that you inspect your product carefully before it is used or installed. For full details of your product you should refer to the instruction manual which accompanies the product. You are strongly advised to read this manual carefully in its entirety and to retain it for future reference.

This product guarantee does not affect your statutory rights.

CUSTOMER HELPLINE

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