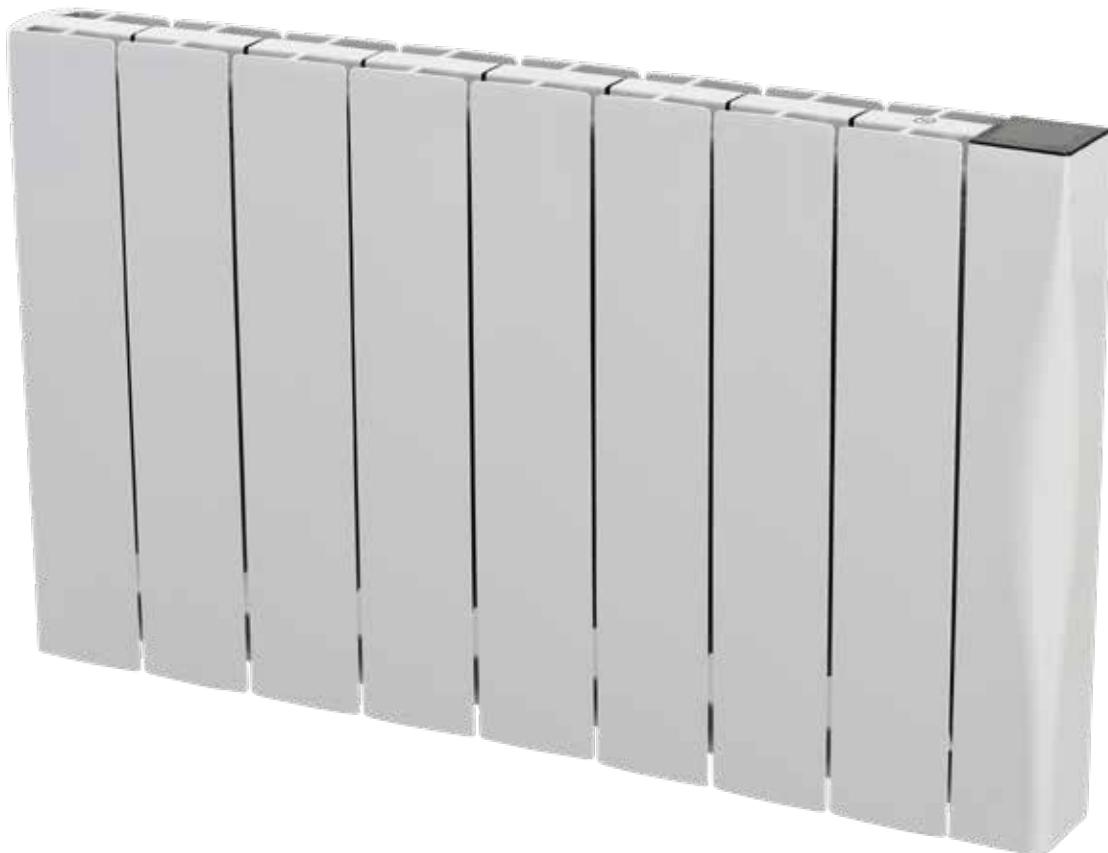




DIGITAL OIL FILLED RADIATORS WITH WI-FI CONTROL

Installation And Operation Instructions



Model Number

OSDR700P-WIFI / 1000P-WIFI / 1500P-WIFI / 2000P-WIFI

Thank you for purchasing this Osily Panel Heater. Please read these instructions before installation or operation and leave with the appropriate person for future retention.

OSDR700P-WIFI / 1000P-WIFI / 1500P-WIFI / 2000P-WIFI
Digital Oil Filled Radiator with Wi-Fi Control Installation & Operating Instructions



DO NOT COVER

IMPORTANT SAFETY INFORMATION

WARNING: In order to avoid overheating, do not cover the heater.
We recommend that this appliance is installed by a qualified electrician
in accordance to the current wiring and building regulations.

- ✓ This appliance is intended for internal use only in domestic and small commercial applications, the instructions and warnings must be adhered to at all times.
- ✓ Do not cover the heater. Never cover or obstruct in any way the heat outlet slots at the top of the heater or the air inlet slots in the base of the heater.
- ✓ 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.
- ✓ Some parts of this appliance can become very hot and cause burns, please ensure that the heater has been switched off and allowed to cool before cleaning etc.
- ✓ If the supply cord is damaged, it must be replaced by the manufacturer, it's service agent or similarly qualified persons in order to avoid a hazard
- ✓ Please do not use the product for any other purpose. Do not use this product with an extension lead or multi plug adapter.
- ✓ For your safety, this heater is fitted with a thermal cut-out. In the event that the product overheats for some reason, the cut-out prevents excessive temperatures on the product by cutting the power to the heater.
- ✓ There are no user serviceable parts in this appliance.
- ✓ Please unplug and ensure that the unit is disconnected from the mains supply before any attempt to open the case or any part of this heater
- ✓ The heater must not be installed in front of the power socket

Wall Mounting your Radiator

To Install your Radiator

Make sure distances to walls and objects are observed at all times, this is very important to prevent damage to walls, furniture and soft furnishings and to prevent the product overheating.

1. Use the screws, dowels and brackets supplied by the manufacturer
2. For drilling dimensions, see the drilling template
3. Steps on the installation process are show on the following pages.

CAUTION: Before switching on the appliance make sure that the radiator is correctly fixed and is secure to the wall.

Wall Mounting Instructions

OSDR700P/1000P/1500P/2000P



1x Low Bracket



2x High Bracket



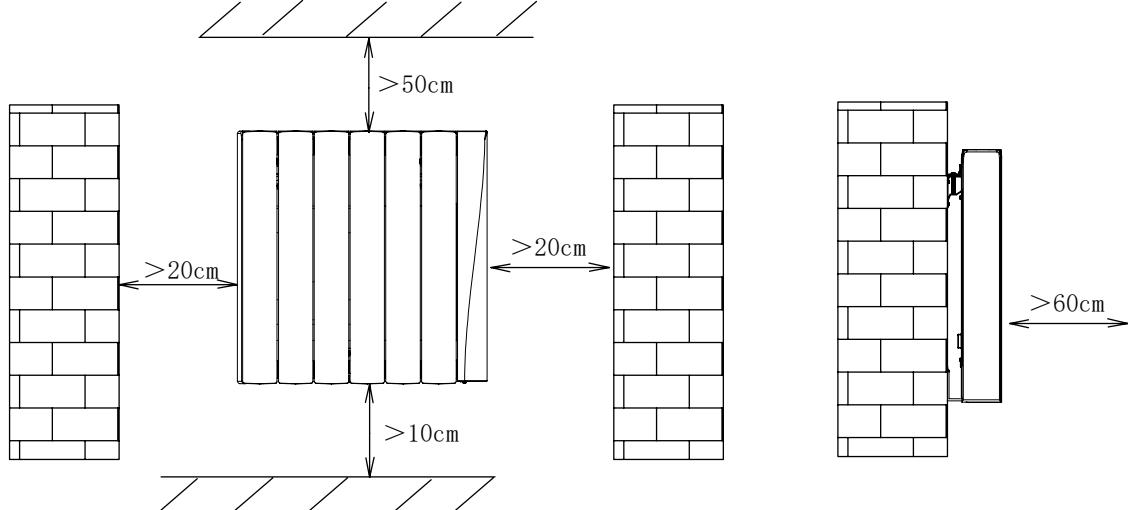
5x Wall Mounting
Screws



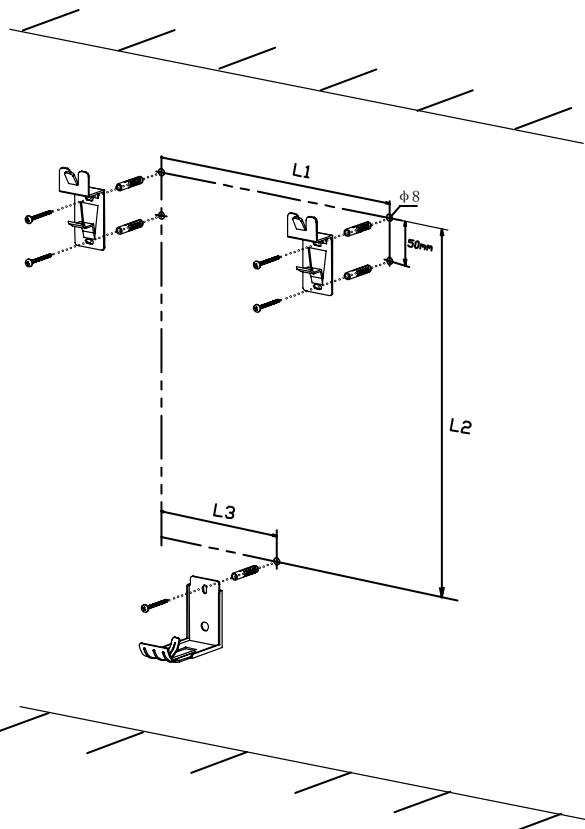
2x Locking Screws

Wall Mounting Instructions

1



2



OSDR700P

OSDR1000P

OSDR1500P

OSDR2000P

MODEL	OSDR700P	OSDR1000P	OSDR1500P	OSDR2000P
L1	105mm	210mm	424mm	424mm
L2	423mm	423mm	423mm	423mm
L3	105mm	105mm	210mm	210mm

Wiring Instructions

This appliance must NOT be earthed (Class II)

This appliance is supplied fitted with a BS1363 mains plug and a BS1362 13A fuse. If the plug is removed from the appliance, please ensure it is disposed of safely as a disconnected plug is dangerous if reconnected to the mains.

If any other type of plug is used a 13A fuse must be fitted.

The wires in the mains lead are coloured in accordance with the following code:

BLUE = NEUTRAL

BROWN = LIVE

As the colours on the wire in the mains lead of this application may not correspond with the colour marking identifying the terminals on your plug, proceed as follows:

- The wire which is coloured **BLUE** must be connected to the terminal which is marked with the letter **N**.
- The wire which is coloured **BROWN** must be connected to the terminal which is marked with the letter **L**.

Operating Instructions

Quick Start Guide

If you would like to use your radiator to heat up a room, please use these simple steps:

Please read the instruction manual before you plug in the radiator.

1. Check that there is no damage to the radiator before assembly.
2. Connect the radiator to the mains power supply that corresponds with the product rating plate.
3. Press the power button on the back of the radiator to switch the unit on.



4. On the touch screen LCD panel on top of the radiator, press the on button .
5. The display will then light up. Press the mode button  until the comfort symbol  is illuminated.
6. From here you can press the  or  symbol on the screen to adjust the temperature.
7. Press the  mode button to confirm the required temperature.
8. The heating icon will then illuminate meaning the radiator is heating up.  The radiator will not start to heat until the room temperature is lower than the temperature you have selected.
9. The radiator will stay on until the on/off button  on the LCD panel is pressed or by pressing the switch on the back of the radiator.
10. Remember to unplug the radiator when not in use.

LCD Display Key



LCD Screen Description

ICON	DESCRIPTION	ICON	DESCRIPTION
88:888	Multifunctional digital display	取暖	Heating icon
8	Day of the week number (1 to 7)	笑脸	Temperature safety function
太阳	Comfort mode	Wi-Fi	Wi-Fi
月亮	Economy mode	开窗	Open window function
雪花	Frost prevention mode	锁	Child lock
时钟	Time mode	日历	Daily status (0 to 24h)
Wi-Fi	Sensor mode	←	Scroll left (swipe)
房子	Not used in this model	→	Scroll right (swipe)
电源	Power button	–	Decrease button
+	Increase button	✓	Mode button

Note: On first use of this heater you may notice a slight odour. This is normal and will soon subside.

This Radiator has 5 Modes

 Comfort Mode	The radiator will stay at a set temperature as in the Quick Start Guide.
 Economy Modes	The radiator will stay at a set temperature.
 Frost Prevention	A set temperature that cannot be amended of 7°C to prevent Frost.
 Timer Mode	There are 7 modes within this function that can be set for economy and comfort settings on a 24 hour clock. These modes can also be changed or modified to suit you.
 Sensor Mode	The radiator can detect if there is any movement in the room and switch to a more energy efficient mode until motion is detected. (This mode is found after the timer mode and setting the clock instruction)

Comfort Mode

In COMFORT MODE the radiator runs until the room temperature reaches the set temperature. The default setting temperature is 19°C. Comfort Mode is designed for use when the room is occupied. To adjust the temperature whilst in COMFORT MODE press  or  to change the temperature, the range is 7~30°C, in a 0.5°C increments.

Economy Mode

Press the  mode button until the ECONOMY MODE function is displayed. The default temperature is 15.5°C. ECONOMY MODE is designed to be used when the room is not occupied.

To adjust the temperature whilst in ECONOMY MODE press  or  to change the temperature, the range is 7~30°C, in a 0.5°C increments.

Frost Prevention Mode

Press the mode  button until the frost prevention mode is displayed. This mode is designed to ensure the lowest temperature is no less than 7°C, so that any frost risk can be avoided. The temperature cannot be adjusted in this mode.

Timer Mode

Press the  mode button until the TIMER MODE symbol is displayed. During the initial set-up of your Radiator and following long periods without use, the radiator will require the time and day to be set. Setting the time and day allows you to pre-set your preferences within the programs to allow the radiator to be at your preferred temperature.

Setting the clock and programming

While In Timer Mode And Programming

1. Press the  mode button for 3 seconds until the hour icon ("00") flashes.

2. Press the  button and  button to set hour ("00").
Note- The radiator uses a 24hr clock function.

3. Short press the  mode button, until the minute icon ("00") flashes, Press  key and  key to set minute ("00")

4. Short press the mode button, the day icon flashes ("1")
Press  and  keys to select the day of the week where;

1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday,
6=Saturday, 7=Sunday

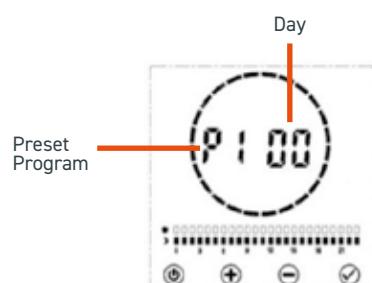
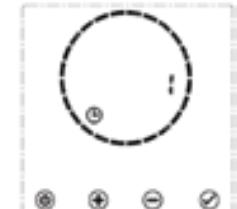
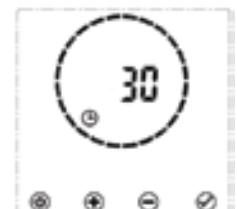
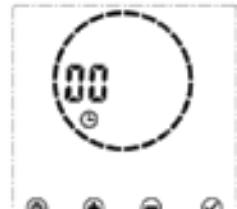
Press  mode button to move to the program settings.

If there is no operation in 30 seconds, the screen will automatically jump to the program setting.

5. You can switch between programs by pressing  and  keys. Select program (P1-P7 where 1=Monday), Set your desired program and then press mode key to move to the next day and repeat until all 7 days have been completed.

6. After selecting the program on the seventh day (Sunday), press the  mode button to return to the timing master interface.

If there is no operation in 30 seconds, the screen will automatically jump to the home page.



You May Want to Modify the Program

There are 7 heating programmes that can be used with the timer.

They are indicated by the small squares at the bottom of the LCD screen.

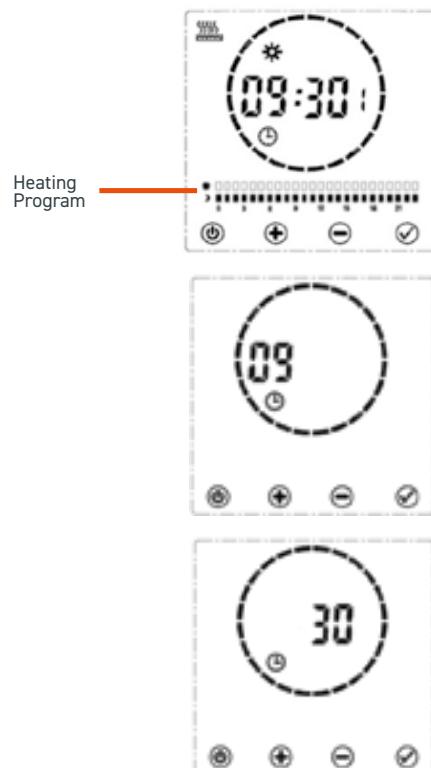
Each of these heating programmes can be amended to suit you, if not they can be left at the factory setting as indicated in the "Pre-set Factory Settings" section of page 12.

To modify programs (P1 to P7) see below illustrations.

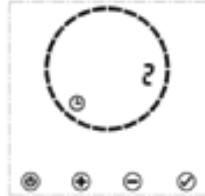
Example: To modify the P1 program.

To get to the programming screen make sure the LCD display is shown as the below with the timer function  showing underneath the time by pressing the mode key.

1. From here press the  mode button for 3 seconds until the hour flickers. You can also set the time here if you haven't already done so.
2. Then press the  mode button, the minutes will flicker.



3. Press  mode button - the smaller number on the right of the circle which indicated the day will flicker then press  key until you reach your desired day. The list of days and the equivalent numbers are listed on the LCD icon descriptions.

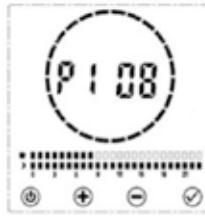


4. Then press the  mode button. This should bring you to the programme screen.

5. Press and hold the  mode button for 3 seconds or until 1 becomes "00". Press  or  keys to modify the P1 program. (Press  button to operate ECONOMY MODE) The program squares will flash.



6. After you have modified the program, press mode button to exit.



7. If you wish to modify more pre-set programs, use the  or  keys to select the program to be modified (P1-P7), then repeat steps 5 & 6 above for each program being modified.

8. When modifying of pre-sets is completed, wait for 30 seconds and the screen will return to the timing master interface. The modified pre-sets will automatically be saved.



9. The modified pre-sets can now be programmed into the required days by following the steps in "Setting the Clock and Programming" on page 12.

NB: The factory set timing program pre-sets can be restored by resetting back to defaults by doing the following:

1. Press the power button to put the radiator into standby mode.
2. Press and hold the power button for 15 seconds to restore the device to default settings.

Pre-set Factory Setting for the Timing Programs



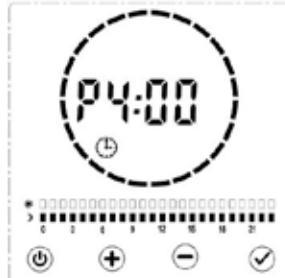
P1
ECO MODE
0:00 to 24:00



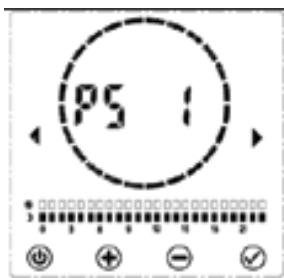
P2
ECO MODE
0:00 to 24:00



P3
ECO MODE
0:00 to 24:00



P4
ECO MODE
0:00 to 24:00



P5
ECO MODE
0:00 to 24:00



P6
ECO MODE
0:00 to 24:00



P7
ECO MODE
0:00 to 24:00

Sensor Mode

When the radiator is in Sensor Mode, the radiator will automatically shift to a more energy-efficient mode if there is no movement within the room. If the radiator detects movement, it will automatically switch back to the set temperature setting.

If you want to use Sensor Mode, you need to press the on/off key  to enter stand-by mode. Press and hold the plus  key. Press the Mode button until Sensor Mode symbol appears. 

NOTE - The function must be set for the sensor symbol to appear. If the function is set at '15' the symbol will not appear. You can choose for the sensor time setting to "15", "30", "45" and "60" minutes of no movement being detected. To change this setting please go to '**Other functions**' below.

How the SENSOR MODE works - example if the radiator is set to:

Detecting time is set to 15 minutes

- In the first 15 minutes if nobody is detected - the temperature will drop to 1°C below the Comfort mode setting.
- In the second 15 minutes if nobody is detected - the temperature will drop to 2°C below the Comfort mode setting.
- For the third 15 minutes if nobody is detected - the temperature will change to Economy mode setting.
- After 24 hours if nobody is detected - the temperature will change to Frost Prevention mode.
- Once somebody is detected - the temperature will change to economy mode.
- If in the next 15 minutes if somebody is detected - the temperature will change to 2°C below the Comfort mode setting.
- Then in the next 15 minutes if somebody is detected - the temperature will change to 1°C below the Comfort mode setting.
- And the next 15 minutes after this if somebody is detected - the temperature will change back to the Comfort mode setting.

Child Lock

The CHILD LOCK function can be used to avoid the settings being adjusted accidentally. To activate the Child Lock, press the  or  buttons simultaneously for 3 seconds until you see  appears in the screen. The screen is locked and buttons will no longer allow adjustments. (except when you are in standby ). To release child lock function, press the  and  together, until  disappears.

Other Functions

To enter these functions make sure the Radiator is in Stand By Mode. Press and hold the  plus key 5s until F0 shows on the LCD display. To move between function use the  mode function key.

F0 Temperature compensation:

This function is to allow for the sensitivity of the temperature to be adjusted. Press  to increase temperature, press  to decrease temperature, adjusting range is -5 ~ 5°C, stepping by 1°C. After set up, press  to move to the next function.

F1 Motion Sensor:

Press the  plus key to add time and press the minus  key to reduce time. You can use "15", "30", "45", "60"min. Select the chosen time and press the function key to confirm .

F2 Window open function:

During heating, if the temperature suddenly drops by 2°C or more in five minutes, the radiator switches to Frost Prevention Mode, for the set amount of minutes, if after this time the temperature keeps dropping, the radiator will continue to stop heating, and will continue to repeat this cycle.

To set the amount of minutes the temperature will drop you can use the plus  or  keys to select '0' minutes, "60" or "90" minutes, press  to confirm.

F3 Temperature safety function:

If the radiator is set to 25°C on the LCD display the inner radiator will continue to heat up until the room temperature reaches this temperature.

This function allows you to reduce or increase the inner radiator temperature cut off point.

This function is good if you have small children in touching distance of the Radiator and want to reduce the outer temperature. Or if you would like a room to heat up quicker you can increase the inner radiator temperature as below.

Press the plus key  to add temperature and press the  minus key to reduce the temperature. There are 6 temperature options "OF" "30" "35" "40" "45" "50" °C

After set up, press  to confirm.

F4 Wi-Fi Function

F5 Time Synchronisation

F6 Pilot wire mode (France Only)

Connecting to Wi-Fi

Enabling the Wi-Fi function:

This setting allows you to enable or disable the radiator's connection to WiFi. Disabling the connection is temporary: if you have already added the radiator to your app account, disabling the connection will not remove it. You will be able to control via the app as soon as you re-enable the connection.

1. Press  to put the radiator into standby mode and hold down  for 5 seconds to enter the settings menu.
2. Press  to skip through the settings until F4 appears on the screen, followed by the current setting. Default is "oN"- disabled
3. Use the  and  keys to adjust. Select "oN" to enable and "oF" to disable.
4. Press  to confirm and move onto the next setting.

Download the app:

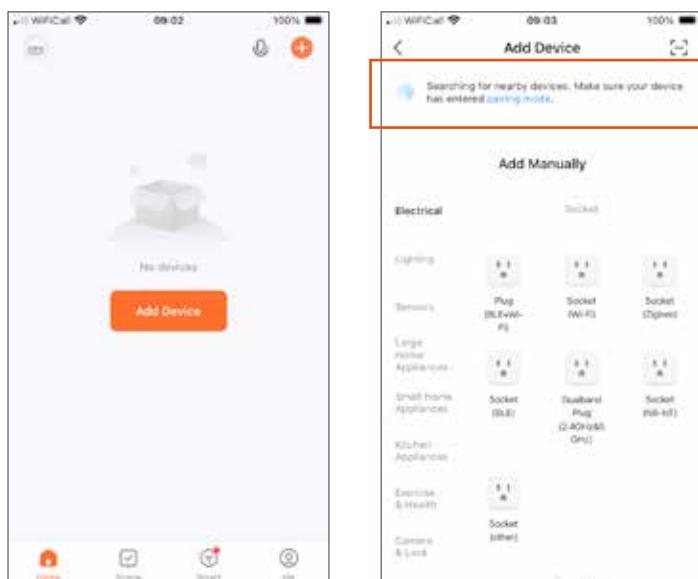
Scan the QR code to the right to go to the app. Press install and follow the apps instructions to create an account.



Connecting to the app:

Put the radiator into pairing mode by pressing  to enter standby mode and hold down  until the WiFi icon  is flashing, you now have 3 minutes To connect to the app.
On the Home page of the app, press "+" or "Add Device"

The app should now start scanning as shown by the icon on the screen. The app may ask you to choose your WiFi network and enter Your Wi-Fi network password. Please enter your details and press "Next" The app will demonstrate that it has found the radiator (see below) Press "Add" the tap the + icon.



Once the radiator is successfully connected it will appear on the app. Press  to change the name of the radiator or "Done" to return to the Home screen.



Wi-Fi Connection - Troubleshooting

If the radiator does not connect on the first attempt:

1. Make sure both the radiator and your smart device are in range of your router.
2. Make sure you complete the connection process in 3 minutes. If the 180 seconds has reached the end of its count, begin the process again.
3. Ensure your router has a strong internet connection.
4. Ensure Wi-Fi is enabled on the radiator.
5. Ensure Wi-Fi and Bluetooth are enabled on your smart device.
6. Make sure your smart device is connected to the same Wi-Fi network as that to which you are attempting to connect your radiator.
7. Ensure you are connected to a 2.4G Wi-Fi. See instructions within the app if you are currently connected to a 5G band.
8. Check any local restrictions on your Wi-Fi. Wi-Fi networks in public places such as hotels and airports may require extra identification steps.

Pairing Your Device Secondary Method

Note: if you are using a VPN, make sure this is disabled before continuing and ensure that a 2.4GHz Wi-Fi band is enabled for this device. This method requires Bluetooth connectivity.

Once you are on the home page of the Tuya Smart app, Press the plus button ' + ' on the top right hand side of the app.

Under the 'Add Manually' menu, select the "Small Home Appliances" category on the left-hand side of the app. Then select "Heater (Wi-Fi)" from the devices list.

Enter the Wi-Fi password for the network your mobile/tablet is currently connected to and then press the 'next' button.

Press and hold the pairing button on your device for 5 seconds, the Wi-Fi connection indicator  will begin to flash rapidly.

Select the 'Confirm the indicator is blinking rapidly' option on the App, then press the 'next' button to begin the pairing process.

Shortly into the pairing process, the flashing Wi-Fi light will stop flashing and become stable. This indicates that the device has joined the network.

Once the pairing process is complete, you can rename the device as required or press 'Done' to complete the pairing process.

Note: if the pairing process was not successful, follow the procedure again ensuring that the conditions for pairing have been met.

Smart Home Assistant For Smart Home Assistant services such as Google Home or Amazon Alexa

Follow the on-board instructions on the TuyaSmart App. This can be found under the 'Me' section on the home page of the App.

Note: The Smart Home Assistant services supported by the TuyaSmart App may change as it is a 3rd party App Service.

Any services that may be removed are the responsibility of TuyaSmart developers and not Osily.

Reset to Default Settings

When in STAND BY Mode, press and hold the On/Off button  10s to reset your radiator and reinstall the original factory configuration.

The full screen will display for 3 seconds and then go to stand by press  to turn on the radiator.

High and Low Temperature Alarm

PROBLEM	CODE
The room temperature sensor is disconnected or the room temperature is too low	Err 1
The room temperature sensor is short-circuited or the room temperature is too high	Err 2

IV / MAINTENANCE

TURN OFF THE UNIT BEFORE ANY MAINTENANCE.

Clean with a soft damp cloth.

Always disconnect the appliance and let it completely cool before any maintenance.

Clean your appliance at least once a year with a vacuum cleaner to remove any dust deposits when switched off and unplugged.

Never immerse the device in water or any other liquid.

The coating of your radiator ensures perfect and unalterable protection. To clean it, use only a neutral detergent (cleaner or non-abrasive solvent). The thermostat housing is made of plastic, do not use solvents for maintenance.

Any repair must be carried out by the manufacturer, its representatives or by the after-sales service.

WARNING

Never cut the power cable supplied with your radiator, if it is cut, the electrical part of the radiator cannot be guaranteed. Never try to open the radiator even when it is not electrically powered.

IMPORTANT

Temperature changes are normal when using an electric thermostat in case of electrical changes, or changes in ambient conditions outside the room. The set value is correct for radiators installed in standard environments. It is normal for the regulation to be different for the same temperature in two different atmospheres (environmental influence).

Disposal



For end of life disposal of this product please do not dispose of with household waste. Please recycle where facilities exist. Check with your Local Authority or supplier for recycling information.

Warranty

This product is guaranteed under warranty and covers defects in material or workmanship for 2 years from the date of purchase. The warranty will not apply in cases of: Misuse: by non-compliance of the instructions, normal wear and tear, incorrect use, e.g. overloading, non-approved accessories, force or damage caused by external forces, if the plug has been tampered with or removed, partially or completely dismantled product, or interference by non-qualified persons.

TECHNICAL SPECIFICATION		TECHNICAL SPECIFICATION	
Voltage	220-240V AC/50Hz	Earthing Class	Class II
Wattage	700W, 1000W, 1500W, 2000W	Motion Sensor (5.8G band) Operation frequency	5725-5875MHz
Set Temperature Range	7-30°C	Max RF power transmitted	5.28 dBm (3.37W) <13.98 dBm (25mW)
Set Temperature Resolution	1°C	Wi-Fi Frequency (2.4G band)	2400-2483.5MHz
IP Rating	IP24	Operation Frequency Max RF power transmitted	17.21 dBm (52.6W) <20 dBm (100mW)

ERP INFORMATION				
Model	OSDR700P-WIFI	OSDR1000P-WIFI	OSDR1500P-WIFI	OSDR2000P-WIFI
Heat Output				
Nominal heat output (Pnom/kW)	0.7	1.0	1.5	2.0
Minimum heat output (indicative) (Pnom/kW)	0.7	1.0	1.5	2.0
Maximum continuous heat output (Pmax.c/kW)	0.7	1.0	1.5	2.0
Auxiliary Electricity Consumption				
At nominal heat output (elmin/kW)	N/A	N/A	N/A	N/A
At minimum heat output (elmin/kW)	N/A	N/A	N/A	N/A
In standby mode (elSB/W)	0.00106	0.00106	0.00106	0.00106



UK PSTI STATEMENT OF COMPLIANCE

Osily as manufacturer, hereby declare, that the below product(s) covered in this document are in conformance with the applicable security requirements in Schedule 1 of The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023 ("Security Requirements").

Product Type	OIL Filled digital Radiator with Wi-Fi control
Models	OSDR1000P-WIFI OSDR1500P-WIFI OSDR2000P-WIFI OSDR700P-WIFI
UK Defined Support Period	2 years (until 31/03/26)
Manufacturer's Name	Osily
Manufacturer's Address	AER, Zac du Caillou, Rue Jules Verne, 69630, Chaponost, France

This statement of compliance is prepared by or on behalf of the manufacturer of the product:

Name: P. Staniforth

Title: Technical Manager

Signature: *P Staniforth*

Place: Yesss House. Foxbridge Way. Normanton. WF6 1TN

Date: 8th April 2024

Please note that this statement of compliance, including the Defined Support Period stated herein, is only applicable to products sold in the UK.