

DIGITAL ELECTRIC RADIATOR



INSTRUCTION & INSTALLATION GUIDE





SYMBOLS



DANGER. This symbol indicates a medium-high risk hazard which can result in serious injury or even death.



DO NOT COVER. Do not dry or leave clothes or towels on the radiator. Do not leave or place magazines, spray cans, volatile substances, or similar objects within 250 mm of the radiator.



HOT SURFACE. This symbol indicates that your surfaces are hot during and immediately after use. These must not be touched: danger of burns.



OBSERVE THE INSTRUCTIONS IN THE MANUAL. Please read this manual carefully before installing and using the product. Keep it for later use. Read all instructions and safety warnings. Failure to follow these can result in electric shock, fire or serious injuries.



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1. GENERAL WARNINGS

WARNINGS

This product may be used by children over 8 years of age and by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge under strict supervision or instruction in the safe use of the product and if they understand the hazards involved. Children should not plug, adjust, clean, play with, or perform maintenance on this product. Children under 3 years of age should be kept away from this product unless supervised.

DO NOT use the product in enclosed spaces if the persons present cannot leave the room independently and are not under constant supervision.



DO NOT COVER.

To avoid overheating, do not cover the radiator.

DO NOT place spray cans, volatile substances, or similar objects within 250mm of the product.

DO NOT use insecticides, paints, or chemicals on or near the product.

Some parts of this product could reach high temperatures and cause burns. DO NOT touch the external parts of the product when in operation.

DO NOT install near curtains or other flammable materials.

Particular attention should be paid when children and vulnerable people are present.



When using electrical appliances, precautions should be taken to reduce the risk of fire, electric shock and injury.

Never insert fingers, body parts or objects inside the product.

Make sure that the voltage indicated on the product's technical information corresponds to the voltage output you have at your socket.

To avoid the risk of suffocation, do not leave the packaging including bags and other items within reach of babies or children.

The product has an IP24 degree of protection and can be used in bathrooms, but not in the vicinity of bathtubs, taps, showers, water connections, toilets, swimming pools or other masses of water. The product must never be installed where it, the switches or the control panel are within the reach of people in the water. Never use the product with wet hands. Do not place any water containers (glasses, vases, etc.) on or near the product.

IMPORTANT

Disconnect the product from the power supply and make sure the product is at room temperature before any cleaning or maintenance. Do not use any abracius substances on the

- or maintenance. Do not use any abrasive substances on the product, such as (but not limited to) chemicals, coarse cloths, brushes, hard bristle, or wire/steel wool.
- To disconnect the product from the power source, remove the mains plug from the socket. Do not pull on the cable.
 - Before the first start-up, or before the start of winter, or when the product has not been used for many days, the appliance should be cleaned (follow the steps in the "maintenance" section of this manual).
- Do not sit or lean on the product.
- Temperature contrasts can generate "clicks" or noises in the device. This is not a fault of the product, but due to the expansion/ contraction of the materials.
- When disposing of the product, the requirements set out in the legislation for the waste treatment and recycling must be followed. See WEEE in section 8.

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MODEL	OSDR0500	OSDR0750	OSDR1000	OSDR1250	OSDR1500	OSDR1750	OSDR2000
Number of elements	3	5	9	8	6	11	12
DIMENSIONS, WEIGHTS & FINISHES	INISHES						
Width (mm)	345	505	585	747	927	1,010	1,069
Height (mm)	575	575	575	575	575	575	575
Depth (mm)	98	98	98	98	98	98	98
Installed depth (mm)	120	120	120	120	120	120	120
Weight (kg)	œ	12	14	18	20	24	26
Finish				White RAL 9010			
ELECTRICAL CHARACTERISTICS	rics						
Nominal power (W)	500	750	1,000	1,250	1,500	1,750	2,000
Voltage (V)	220 - 240 ~V	220 - 240 ~V	220 - 240 ~V	220 - 240 ~V			
Current (A)	2.2	3.3	4.3	5.4	6.5	7.6	8.7
SAFETY & INSTALLATION							
Safety thermostat	>	>	>	>	>	>	>
Template & Installation Kit	>	>	>	>	>	>	>
Grade of protection	IP 24	IP 24	IP 24	IP 24	IP 24	IP 24	IP 24





3. INSTALLATION

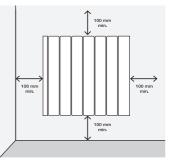
We recommend using a trusted installer or electrician for installation of the product.

IMPORTANT: Prior to installation, please locate the metal tag located at the back of the product and note the product reference and serial number.

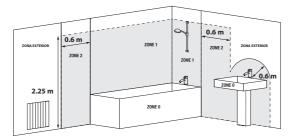
WARNING: Do not install the product directly over an electrical outlet or junction box. Do not install the product or use it outdoors. Do not install directly under a shelf. This product is designed to be installed on an interior wall using the template, the installation kit and the fixings supplied. Do not install the product in such a way that it encounters the power cable.

The product must be mounted on the wall in the position shown in the accompanying image using the brackets and with the fixings supplied.

Our products transfer heat through the natural air convection. If the product is covered, this will disrupt the airflow and could cause overheating. It must be positioned in accordance with the minimum distances shown in the accompanying picture.



WARNING: The product has an IP24 degree of protection and can be used in bathrooms, but not in the vicinity of bathtubs, taps, showers, water connections, toilets, swimming pools or other masses of water. The product can only be installed in zone 3 of the accompanying picture. The product must never be installed where it, the switches or the control panel are within the reach of people in the water. Never use the product with wet hands. Do not place any water containers (glasses, vases, etc.) on or near the product.

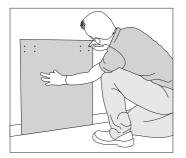


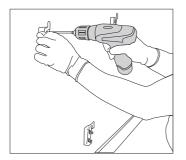


An installation kit is included in the product packaging. You will need a drill, a rubber mallet, a spirit level and a pencil to complete the installation.

WARNING: The weight of some of the products may be heavy. The installation may require two people.

IMPORTANT: Please follow these instructions carefully.







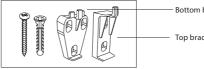
1. Remove the packaging and check that the installation contains brackets, screws, rawl plugs and a cardboard template.

2. Select a suitable location on the wall. Place the template on the wall and mark the holes for the brackets and screws. Observe the minimum distance requirements from the previous page.

Use the floor as a base for the template, not the skirting board.

3. Remove the template and carefully drill out the marked holes.

4. Secure the upper brackets with the rawl plugs and screws provided. Then fix the lower bracket. To distinguish it, the lower bracket has a different design from the top ones.



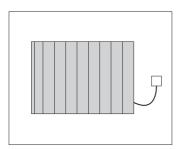
Bottom bracket

Top bracket

5. Slide the product up and down over the fixed brackets.

6. Check the straightness with a spirit level and adjust the supports accordingly if necessary.

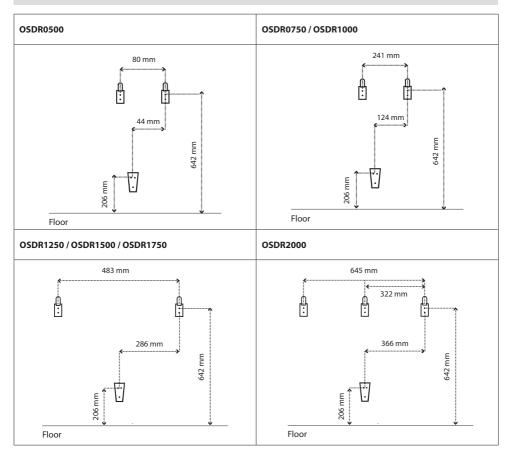




7. Connect your product to the power supply and switch it on.

8. See section 5 for operating instructions.

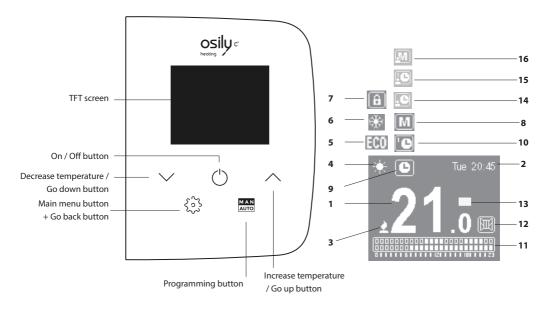
IMPORTANT: Template measurements per model



4. SCREEN & KEYPAD

Uc

OS heating



1	Selected temperature	10.5	10	Preset programs mode	ľC
2	Current time and day	Tue 10:45	11	Hourly programming	
3	Heating element on	<u>2</u>	12	Open Windows indicator	(H)
4	Comfort mode	÷.	13	Energy consumption indicator	
5	Eco mode	ECO	14	Auto mode / User	.0
6	Anti-Frost mode	Ť	15	Pre-program mode / User	
7	Locked buttonpad	Â	16	Manual mode / User	M
8	Manual mode	Μ			
9	Automatic mode	C			



5. FUNCTIONALITY & PROGRAMMING

5.1. ON & OFF

To turn the product on press the \bigcirc button once. To turn off press the \bigcirc button again. When you turn the product on for the first time, it will ask you to set the date and time. Use the \checkmark \land buttons to select the correct time and press the \bigcirc button to confirm. Then use the \checkmark \land buttons to select the correct minutes and press \bigcirc . Use the \checkmark \land buttons again to select the correct day and press the \bigcirc button to confirm.

5.2. SELECT THE SET TEMPERATURE

You can regulate the set temperature of the radiator by using the \checkmark \land buttons. Press the button \land to increase the product temperature by 0.5 °C or the \checkmark button to decrease the temperature by 0.5 °C, up to 7 °C. The temperature ranges for each mode are as follows:

COMFORT	19 - 30 °C
ECO	7.5 – 18.5 ℃
ANTI-FROST	7 °C

5.3. TEMPERATURE CONTROL

When the room temperature is lower than the selected temperature, the heating element is activated and the symbol 2 appears. When the room reaches the selected temperature, the temperature control will perform an intelligent control, which will activate and deactivate the passage of electric current through the heating element to heat the radiator fluid.

5.4. LOCK / UNLOCK BUTTON PAD

To lock / unlock the buttonpad using the product control panel, press and hold the \checkmark \land buttons together for 3 seconds.

The On/Off button will still work, even if the control panel is locked. Press the \odot button for 3 seconds to switch the product on or off.



5.5. SETTINGS MENU

Press the ξ_{3}° button to access the configuration menu. The available options are: Settings, Power, and Programming mode.

	Settings	Set time
		Backlight
		Language
(SETTINGS 🐼)		Firmware
	Energy	Open windows function
PROG. MODE		Balance mode
	Q	Adaptative mode
	Prog. mode	On/off
		Preset programs
		User mode

Use th \checkmark \land buttons to move between the menu options. A box will appear around the option you have selected. Press the \odot button to enter the submenu.

5.5.1. SETTINGS SUBMENU

Press the $\stackrel{\text{loc}}{\hookrightarrow}$ button to access the configuration menu. Then use the \checkmark \land buttons to navigate to SETTINGS. Press the \bigcirc button to access.

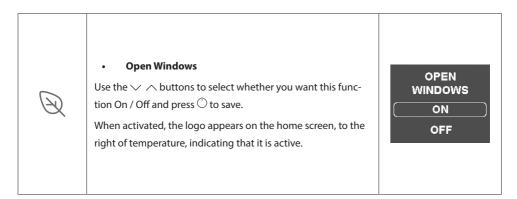
2	• Set the day and time To set the day or time select the CLOCK option. Use th \checkmark \land buttons to select the correct time and press the \bigcirc button to confirm. Then use the \checkmark \land buttons to select the correct minutes and press the \bigcirc button to confirm. Then use the \checkmark \land buttons to select the correct day and press the \bigcirc button to confirm.		SI TIME: DAY:	ET TIME 10:45 Mon	
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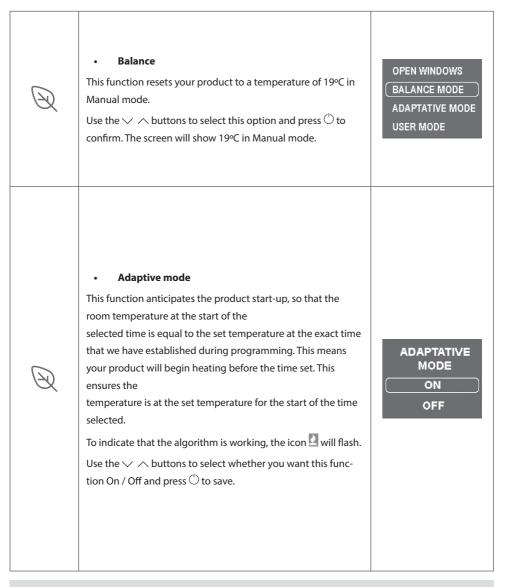
\$ Adjust brightness This function allows you to adjust the brightness when the product is on or in standby. To adjust the brightness, select BACKLIGHT . With the ✓ ∧ buttons you can turn the brightness up or down. Press the ⁽¹⁾ button to confirm.	BACKLIGHT (ON: 50%) STAND-BY: 50%
\$ Language This function allows you to change the language of the product. To change the language, select LANGUAGE. Use the ∨ ∧ buttons to select the correct one and press ⊖.	LANGUAGE ENGLISH ESPAÑOL FRANÇAIS PORTUGUÊS
\$ • Firmware Press the FIRMWARE option to see the current software version and the release date.	FIRMWARE VERSION: 0.1-1 DATE: 01 <i>1</i> 01 <i>1</i> 2019

5.5.2. ENERGY SUBMENU

Press the $\stackrel{\varsigma_{o}}{\leadsto}$ button to access the configuration menu. Then use the \checkmark \land buttons to navigate to ENERGY. Press the \bigcirc button to access.







5.5.3. PROG. MODE

To change the status of your product from **MANUAL to AUTO** or vice versa, make a quick press of the model button. If you want to start programming your product, make a long press of the model button. To see all the options available for programming your radiator, select the option **PROG. MODE** in the main menu. The screen will show the following options:



Mode From the MODE menu, select the operating mode you require: MANUAL or PROGRAMMING. Use the ✓ ∧ buttons to select manual or programming and press ⁽¹⁾ to confirm.	MODE MANUAL PROGRAMMING
• Preset heating programs From the PRE-PROGRAMS menu you can select a preset heating program to use. There are 4 available. Use \checkmark \land to select between the different programs and press \bigcirc to confirm.	PRE-PROGRAMS PRE-PROG 1 PRE-PROG 2 PRE-PROG 3 PRE-PROG 4

Available pre-programs

PRE-PF	ROGF	RAM	1																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Mon- Fri																								
Sat- Sun																								

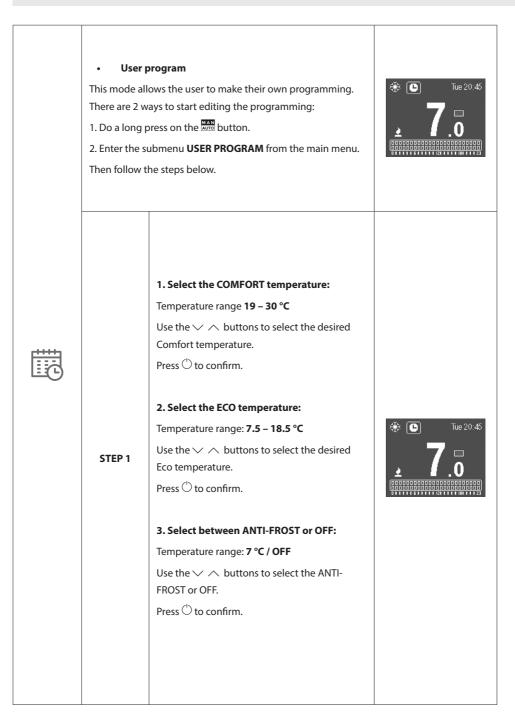
PRE-PI	ROGF	RAM	2																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Mon- Fri																								
Sat- Sun																								

PRE-PF	ROGF	RAM	3																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Mon- Fri																								
Sat- Sun																								

PRE-PF	ROGF	RAM	4																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Mon- Fri																								
Sat- Sun																								

COMEORT	500	055	
COMFORT	ECO	OFF	







STEP 2	Select the days to be programmed Start on Day 1 (Monday). Press the ⁽¹⁾ button to include this day in your programming. Press the ⁽¹⁾ button again to exclude. Use the ∨ ∧ buttons to move to the next day and repeat for all days of the week. The selected days will be highlighted by a box on the screen. Once you have reached Day 7, press the ∧ button to advance to the next step.	Tue 10:45
STEP 3	 Select the hour and mode to be programmed Start on 0h (midnight). Press the ⁽¹⁾ button to select ECO, COMFORT or ANTI-FROST/OFF for that hour. Press ∧ to move to the next hour and repeat. The upper right of the screen shows the hour you are programming. The left side shows the selected days. The bottom programming bar indicates: -Comfort mode: 2 shaded squares -ECO mode: lower shaded square -ANTI-FROST/OFF: 2 empty squares Once you reach 23:00 hours, press ⁽¹⁾ to complete the programming. 	• • • • • • • • • • • • • • • • • • •



5.5.4. USER MODE

The USER mode allows the user to define a permitted temperature range.

When in this mode, the symbol corresponding to the USER mode is displayed on the screen.



Access is gained by means of a password. The default value is 0000. The numbers are selected with the \checkmark \land buttons and confirmed with the button \circlearrowright .	INSERT PIN
If the PIN code is incorrect, the following screen is displayed and then you return to the previous screen.	WRONG PIN
When the PIN code is correctly entered, the following sub-menu appears, where we can activate the user function, change the PIN code, set the upper temperature limit and the lower temperature limit.	ACTIVATE CHANGE PIN MAXIMUN TEMP. MINIMUN TEMP.

6. MAINTENANCE AND CLEANING

The product does not require any maintenance. We recommend cleaning the product (back, bottom of the product, etc.). Do not use abrasive substances on the product, clean it with a damp cloth and neutral pH soap and the screen with a dry cloth. Before carrying out any cleaning operation, make sure that the product is switched off and at room temperature.

7. EUROPEAN REGULATION (WEEE) 2012/19/EU 🔀

Based on the European regulation 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), these appliances cannot be thrown in the usual council bins; they must be collected selectively to optimise the recovery and recycling of the components and materials that make



them up, and reduce the impact on human health and the environment. The crossedout wheelie bin symbol on a horizontal bar is marked on all Osily products to remind the consumer of the obligation to separate them for separate collection. The consumer should contact the local authority or the retailer for information regarding the correct disposal of their product.

8. WARRANTY

1. Agreement

1.1. This section describes the guarantee conditions available to the buyer when purchasing a new product of the Osily brand. These conditions include all the rights that the buyer has in accordance with current national legislation, as well as the guarantee and additional rights offered by the brand. Any incident detected in your Osily product can be dealt with by the seller of the product or in a more agile way through the manufacturer itself.

1.2. Osily offers you Technical Assistance from our After-Sales Service by telephone at +44 (0)203 769 7624 or email to support@smart-heating-solutions.com, where we will indicate the steps to follow to solve the incident. You will need the product reference (located on the metal characteristics label), serial number, date of purchase and the nature of the fault when contacting us. In addition, you must have a copy of the proof of purchase of the product.

1.3. Osily guarantees there are no material defects of design or manufacture at the time of original purchase. Osily guarantees the body for 120 months (10 years) and the electrical plus electronic components for 36 months (3 years) for this product only, from the date of purchase, or delivery if later, provided it has not been modified, and in accordance with the provisions of the following stipulations.



2. Conditions

2.1. If during the guarantee period, the product under normal use, and with proper maintenance, fails to function properly and is found to be defective in design, material, or workmanship, it will be repaired or replaced at the customer's option, in accordance with the provisions of the law, and subject to the following terms and conditions:

2.1.1. The guarantee is only applicable if the original guarantee is issued by the seller and when such guarantee has been registered with Osily correctly, including the product reference, serial number (marked on the metal label of the product), date of purchase and proof of purchase. The product guarantee can be registered by sending an email to



support@smart-heating-solutions.com within 90 days of installation. Osily reserves the right to refuse a guarantee when this information has been removed or modified after the original product purchase.

2.1.2. The guarantee is only applicable if the product has been installed by a competent person in accordance with this installation manual and all regulations in force at the time of installation.

2.1.3. The guarantee is only applicable to those cases that refer to defects in material, design and manufacture, and in no case covers damage to the product for the following reasons:

i) Damage caused by negligence and/or misuse of the product, i.e. used for purposes other than its normal use, or by not respecting the instructions for use, maintenance and cleaning given by Osily, as well as by incorrect or inadequate installation or use of the product that may not comply with the technical safety standards in force.

ii) Corrosion of any part of the product caused by direct exposure to saltwater. Where the product is installed within 200 m of the coast, the guarantee period for damage caused by corrosion shall be reduced by 50%.

iii) Any unauthorised modifications or repairs to the product carried out by third parties or unauthorised persons, or the opening of the product by third parties or unauthorised persons.

iv) Any accident deemed to be beyond Osily's control, such as (but not limited to): lightning, fire, flood, natural disasters, public disorder, atmospheric or geological phenomena, and all those of a similar nature.

v) Failures resulting from incorrect installation. In case of doubt, please contact Osily.

2.2. Any repair or replacement carried out as part of this guarantee service does not allow for extension periods or new guarantee periods, i.e. your guarantee will not be extended in the event that a repair or replacement of this product is carried out, but will be suspended until the product is returned repaired or a new one is delivered.

2.3. Any repair or replacement covered by this guarantee must be a functionally equivalent part. Defective parts or parts removed or replaced shall become the property of Osily and must be returned as such.

2.4. The product must be installed in such a way as to allow access by Osily technicians or authorised persons in the event that they need to access the product for repair or maintenance. The user/customer is responsible for the organisational means necessary to allow access to the products by Osily for repair or replacement.

2.5. Osily's Technical Support department will advise you if you need to purchase any parts not covered by this guarantee or outside of this guarantee.

2.6. This guarantee will not be valid if the product has been tampered with, modified and/or repaired in any way and/or by unauthorised persons. This guarantee will also not be valid if the product is not correctly installed.



2.7. This guarantee is not transferable and does not include claims for limescale or frost damage.

2.8. This guarantee does not affect the purchaser's statutory rights under applicable national legislation, nor does it affect any rights contracted with the dealer or installer that may arise in performance of the contract of sale.

2.9. Osily, its offices, employees, distributors and installers shall not be liable for any incidental damages arising from the infringement of any rule implied in this product, as well as for its improper or incorrect use.

2.10. Check the EULA conditions (supplied with the product for Wi-Fi connected products) for information on the legal agreement you accept when installing a Osily product. For product or guarantee assistance, please contact Osily by telephone at +44 (0)203 769 7624 or by email to support@smart-heating-solutions.com.



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MISSION
COMMIN
LOT20. C

ITEM	SYMBOL	ġ	OSRD0500	OSRD0500 OSRD0750 OSRD1000 OSRD1250 OSRD1500 OSRD1750 OSRD2000	OSRD1000	OSRD1250	OSRD1500	OSRD1750	OSRD2000
HEATING POWER / POTENCIA CALORIFICA / PODER DE AQUECIMENTO/VERWARMINGSKRACHT									
Nominal heat output / Potencia calorífica nominal / Produção nominal de calor / Nominaal warmtevermogen	Pnom	kw	0.5	0.75	1.0	1.25	1.5	1.75	2.0
Minimum heating capacity (indicative) / Potencia calorifica mínima (indicativa) / Produção mínima de calor (indicativo) / Minimum warmteafgifte (indicatief)	Pmin	kW	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*
Maximum continuous heat output / Potencia calorifica máxima continuada / Máxima saída de calor contínua / Maximale continue warmteafgifte	P max,c	kw	0.5	0.75	1.0	1.25	1.5	1.75	2.0
AUXILIARY ELECTRICITY CONSUMPTION / CONSUMO AUXILIAR DE ELECTRICIDAD / CONSUMO DE ELECTRICIDADE AUXILIAR / HULPELEKTRICITEITSVERBRUIK	ELECTRICIDAD / 0	ONSUMO	-						
Nominal heat output / Potencia calorífica nominal / Produção nominal de calor / Nominaal warmtevermogen	elmax	kW	0.500	0.750	1.0	1.250	1.500	1.750	2.000
Minimum heating capacity (indicative) / Potencia calorifica mínima (indicativa) / Produção mínima de calor (indicativo) / Minimum warmteafgifte (indicatief)	elMIN	kW	0.500	0.750	1.0	1.250	1.500	1.750	2.000
In stand-by / En modo de espera / Em modo de espera / In stand-by	el _{SB}	kW	0.002	0.002	0.002	0.002	0.002	0.002	0.002
TYPE OF HEAT OUTPUT/INDOOR TEMPERATURE CONTROL / TIPO DE CONTROL DE POTENCIA CALORÍFICA / DE TEMPERATURA INTERIOR / TIPO DE SAÍDA DE CALOR/CONTROLO DE TEMPERATURA DO AR / TYPE WARMTEAFGIFTE/REGELING BINNENTEMPERATUUR	DE CONTROL DE PC LOR/CONTROLO D NTEMPERATUUR	DTENCIA E							
Electronic indoor temperature control and weekly timer / Control electrónico de temperatura interior y temporizador semanal / Controlo electrónico da temperatura interior e temporizador semanal / Elektronische binnentemperatuurregeling en wekelijkse timer			>	>	>	>	>	>	>
OTHER CONTROL OPTIONS (SEVERAL CAN BE SELECTED) / OTRAS OPCIONES DE CONTROL (PUEDEN SELECCIONARSE VARIAS) / OUTRAS OPÇÕES DE CONTROLO (VÁRIAS PODEM SER SELECCIONARSE VARIAS) / AUDERE BESTURINGSOPTIES (ER KUNNEN ER VERSCHILLENDE WORDEN GESELECTEERD)	OPCIONES DE CON ALO (VÁRIAS PODE /ERSCHILLENDE W	ITROL M SER ORDEN							
Indoor temperature control with open window detection / Control de temperatura interior con detección de ventanas abiertas / Controlo da temperatura interior com deteccióa de janela aberta / Binnentemperaturrregeling met deteccié van open ramen			>	>	>	>	>	>	>
With adaptive start-up control / Con control de puesta en marcha adaptable / Com controlo adaptativo de arranque / Met adaptieve startcontrole			>	>	>	>	>	>	>
With operating time limitation / Con limitación de tiempo de funcionamiento / Com limitação de tempo de funcionamento / Met bedrijfsduurbeperking			>	>	>	>	>	>	>
SEASONAL ENERGY EFFICIENCY PERFORMANCE RENDIMIENTO DE EFICIENCIA SHERGÉTICA ESTACIONAL / DESEMPENHO DE EFICIÊNCIA ENERGÉTICA SAZONAL / SEIZOENSGEBONDEN ENERGIE-EFFICIÊNTIEPRESTATIES	Ę		38%	38%	38%	38%	38%	38%	38%





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AER

ZAC Du Caillou, Rue Jules Verne 69630 CHAPONOST, France

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