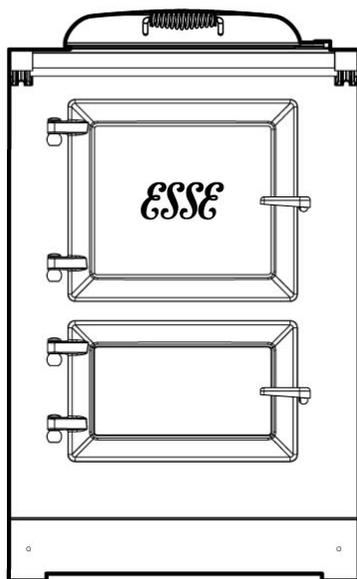


# ESSE

600T  
Heat Storage Range Cooker

Instruction Manual



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## 1. GENERAL HEALTH & SAFETY

All ESSE heat storage range cookers are designed and manufactured to be simple and efficient to use, and we've taken great care to ensure that they meet the applicable safety requirements, when appropriately installed and used. Before use, ensure you are familiar with the following:

	The 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 should not play with the appliance. Cleaning and user maintenance MUST not be made by children without supervision.
	WARNING: Accessible parts may become hot during use. Young children should be kept away from the appliance.
	The appliance must be installed on a level surface, capable of taking the weight of the cooker. If installing on a base, the appliance must not be able to slip off the base.
	WARNING: The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements inside the ovens.
	WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in a fire.
	WARNING: Danger of fire. Do not store items on the cooking surfaces.
	CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
	Ensure that the kitchen is well ventilated. Natural ventilation holes within the room must be left open, or install a mechanical ventilation device, such as an extractor hood.
	Metallic objects such as cutlery, cooking utensils and pan lids should not be placed on the hob surface, as they may become hot.
	WARNING: Any spillages on the bolster lids should be removed before they are opened.
	WARNING: Do not use a steam cleaner to clean any part of this appliance.
	The appliance must be installed in such a way that allows for disconnection from the power supply after installation.
	CAUTION: This appliance is not intended to be operated by means of an external timer or separate remote-control.
	If any of the supply cords are damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
	NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.
	The appliance must not be placed behind a decorative door, so as to avoid overheating.

## 2. WELCOME TO YOUR ESSE

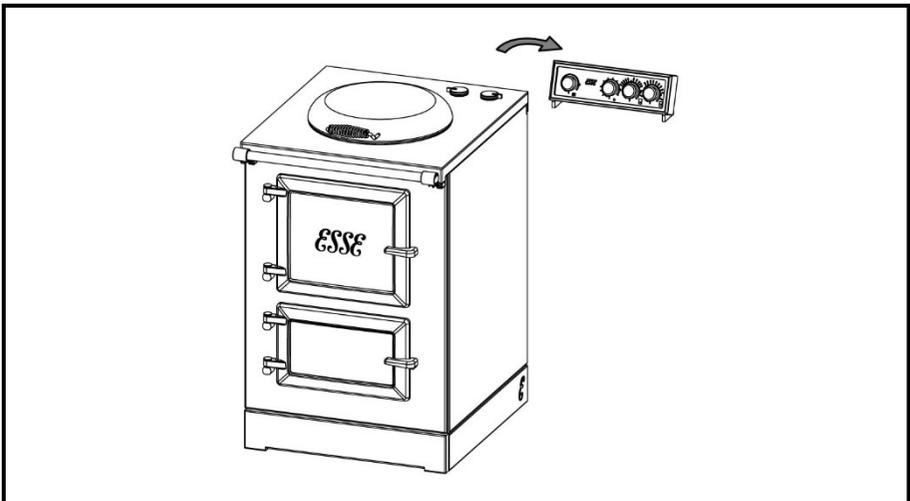
Welcome to the ESSE family. All ESSE cookers are manufactured at our factory in Barnoldswick, Lancashire, and we're confident that if appropriately installed, maintained and cared for, your ESSE will provide you with many years of cooking, baking, heating, drying and general comfort and joy.

Before you switch on your ESSE for the first time, ensure that your installer has installed the cooker inline with the 'Installation' section of this manual, and that the protective plastic film has been removed from the inside face of the two doors.

This appliance is designed for domestic cooking only. Use for any other purpose could invalidate the warranty.

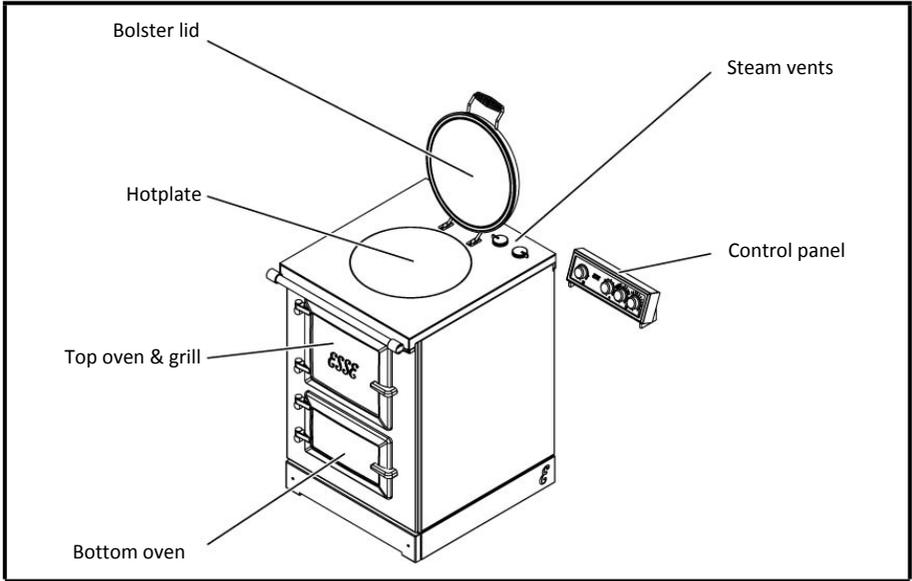
These instructions provide all the necessary information to both install, then operate your ESSE, so please retain them for reference. The key information relating to your ESSE, including the serial number, can be found on the data plate, located on the rear of the control box. Please quote the model and serial number, in any future communication with your retailer or the manufacturer.

At ESSE, we work hard to continuously look for ways to improve our products, and as such, we reserve the right to change specifications and make modifications to the appliance described within this manual, at any time.



**Data plate location**

### 3. PRODUCT OVERVIEW



#### Key features and parts

##### INCLUDED WITH YOUR ESSE

✓ Oven Shelves (X3)	✓ Oven Glove and Apron
✓ Grill Pan	✓ Control Box Feet (X2)
✓ Roasting Dish	✓ Instruction Manual
✓ Wire Brush	

## 4. OPERATING INSTRUCTIONS

### THE DOORS

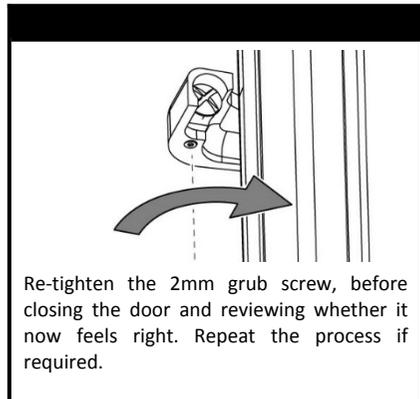
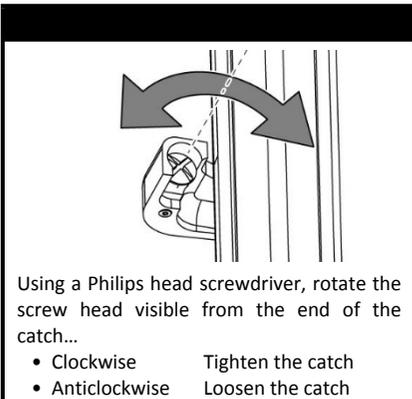
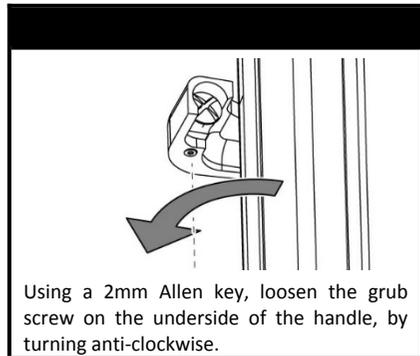
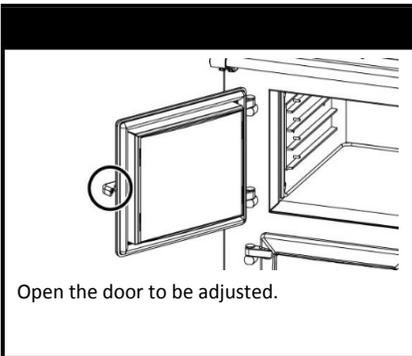
The two cast iron doors are opened by lifting the chrome catch upwards, then swinging the door forwards. Take care not to allow the door to swing open freely and clash with adjacent cabinets / surfaces.

To close the doors, carefully but firmly push the door back into position, until the door catch engages and holds the door shut.

### Adjusting the door catches

Over time, the door catches may need adjusting. This is typically a result of the rope seals flattening, (and the doors becoming a little loose), or the cast iron doors expanding naturally over time, (and becoming a little tight).

To adjust a door catch...



## 4. OPERATING INSTRUCTIONS

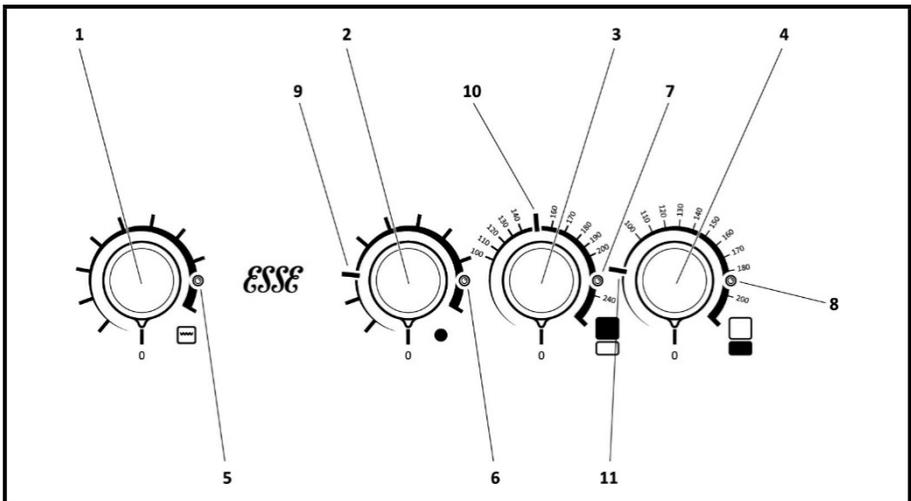
### SLUMBER

ESSE heat storage range cookers are designed to be permanently left on, ensuring the cooker is ready to provide the unique surround heat for perfect cooking and baking. However, when not in use, we recommend setting each cooking area to 'slumber', which will allow the cooker to heat up to cooking temperature more quickly, whilst managing power consumption and running costs. Keeping your ESSE in slumber will also allow you to enjoy all the benefits which an ambient heat source brings.

### THE CONTROLS

The controls are located on a control box, which is connected to the cooker via a cable. The control box can either be placed on a horizontal surface close to the cooker, mounted to a wall, or hidden within an adjacent cabinet.

The top oven, bottom oven, grill and hotplate are controlled by simply rotating the appropriate dial. When the dial is rotated clockwise, the relevant indicator light will switch on, to indicate that it is in use.



#### Controls overview

1	Grill temperature dial
2	Hotplate temperature dial
3	Top oven temperature dial
4	Bottom oven temperature dial
5	Grill indicator light
6	Hotplate indicator light

7	Top oven indicator light
8	Bottom oven indicator light
9	Suggested hotplate slumber setting
10	Suggested top oven slumber setting
11	Suggested bottom oven slumber setting

## 4. OPERATING INSTRUCTIONS

### THE OVENS

Your 600T incorporates two cooking ovens, all of which incorporate ESSE's patented wrap around elements. The heating elements provide a unique even heat source from front to back and top to bottom, so there's no need to rotate oven trays, or adjust shelf heights. As a result, during cooking the bottom of each oven can also be used to place oven trays on to.

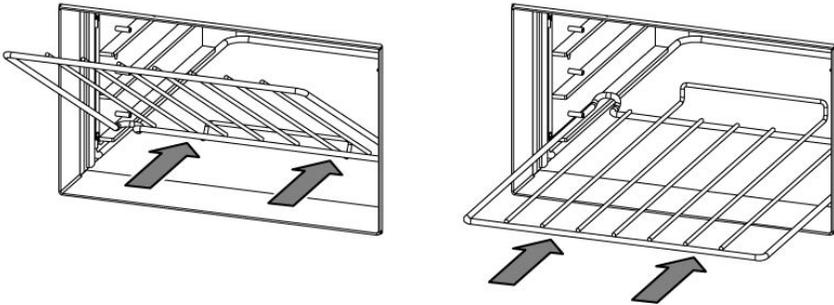
- Top oven**
- Variable temperature control up to 240°C.
  - Incorporates the grill, with a dedicated control.

- Bottom oven**
- Variable temperature control up to 200°C.

**Oven shelves** The oven shelves are designed to slide in and out of the ovens. They incorporate a feature to prevent them from sliding forward and out of the oven unintentionally.

To insert the shelves, offer the shelf up to the oven at a 45° angle, resting the angled end of the wire shelf on the desired runner within the oven, and gently push it forwards. Once the angled end has passed under the metal pins on the side walls of the oven, swing the wire shelf down until it is horizontal, then push it forward all the way into the oven.

To remove the shelf, repeat the process in reverse.

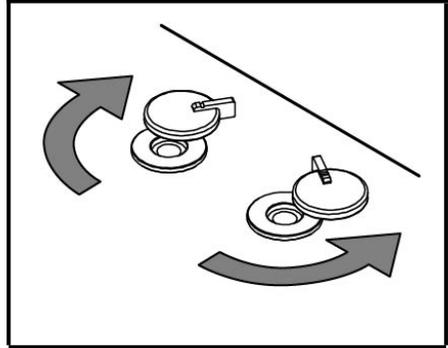
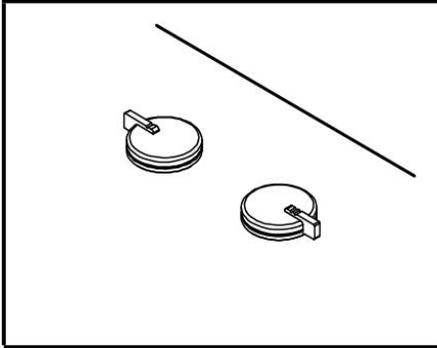


The oven shelves will be hot when the oven is in use, and for a time afterwards. Always use an oven glove when adjusting their position.

## 4. OPERATING INSTRUCTIONS

### THE STEAM VENTS

All cookers produce steam when in use. Your ESSE incorporates two 'steam vents' located at the rear of the top surface. The steam vents can be adjusted to either retain or release the steam, depending upon what you are cooking in the ovens.



Opening and closing the steam vents

For example...

**Steam vent closed** If you are cooking something which will benefit from retaining the moisture, (such as baking a sponge cake), the steam vent can be left closed, to keep the moisture within the oven.

**Steam vent open** If you are cooking something which would benefit from the moisture escaping, (such as roast potatoes), the steam vents can be swung open, to allow the moisture to escape.

For certain items, (such as when roasting a joint or poultry), it may make sense to have the steam vents closed throughout the majority of the cooking time, before opening it towards the end, to crisp up the outside.

The Steam Vents are marked to indicate which oven they are linked to...

I Top oven

II Bottom oven



The steam vents can become hot during use, so always wear the supplied glove when adjusting them, to open or close.

## 4. OPERATING INSTRUCTIONS

### THE GRILL



The door **must** be left fully open when using the grill.

The grill is located within the top oven. When in use, the grill overrides the oven, so the top oven elements will switch off when the grill is turned on. (The two bottom ovens and hotplate remain unaffected by the grill being in use). If the top oven was in use when the grill was switched on, the oven will switch back on automatically, once the grill is switched off.

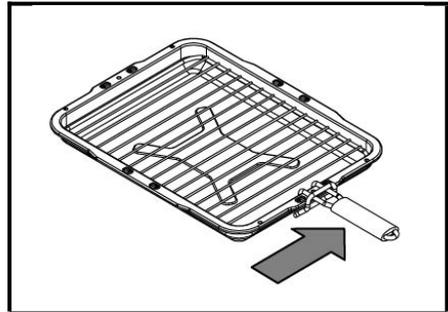
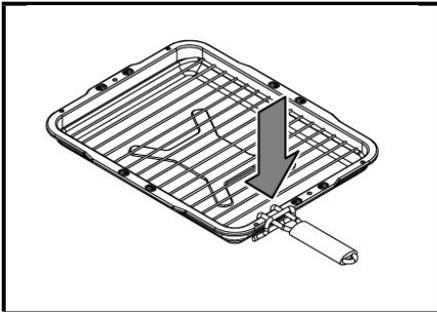
The grill is switched on by rotating the control dial clockwise, and the power level set as appropriate. The grill indicator light glows red when the grill is switched on, to indicate it is in use. For best results, allow 4 – 5 minutes for the grill to heat up to temperature before starting to use it, when it is heated up from cold.

As a safety feature, the grill is programmed to be active for a maximum of 30 minutes, and will switch off automatically after this time period. If you wish to continue to use the grill, you must manually turned the dial back to the 'Off' position, and then turn it back to the desired setting.

The supplied grill pan should be positioned on a wire shelf, which can be fitted on any of the four heights of oven shelf runners. Typically the top shelf runner is used for grilling, but take care to ensure that the food to be grilled does not touch the grill element. We recommend positioning the wire shelf in the correct position, before switching on the grill.

#### Grill pan

The supplied grill pan comes in three parts – the pan, the wire rack and the handle. The wire rack simply drops in place into the pan. To fit the handle, first drop the wire hook over the inside of the pan, then slide it to the centre, to lock in position. We recommend removing the handle whilst grilling, so it does not get too hot.



Assembling the grill pan



The towel rail may become hot when the grill has been used for a prolonged period. Do not place towels or similar items on the towel rail during or immediately after grilling.

## 4. OPERATING INSTRUCTIONS

### THE HOTPLATE



For your peace of mind, we fully test your ESSE cooker in our factory before it leaves us, so as result, you may see some slight discolouration of the hotplate.

The hotplate can be used completely independently from the ovens, and the temperature can be fully adjusted with the control dial. As with the ovens, we have suggested a position on the control dial for slumber, but you can adjust this to suit your needs.

When set to maximum, the hotplate surface will reach temperatures of close to 350°C.

The bolster lid should be closed whilst the hotplate is heating up, to reduce the time taken to reach the desired temperature. However, whilst the bolster lid is insulated, the top chrome face does still get warm when the hotplate is in use, so care should be taken.

We strongly advise against placing any cookware, (including pans, casserole dishes, kettles, etc.), directly onto the bolster lid surface, as this can cause irreparable scratches on the chrome finish. You may want to invest in some round hob lid covers, which will protect the top surface of the bolster lids. These are available through your retailer, or at [www.esse.com](http://www.esse.com).



Any spillages on the hotplate should be cleaned up immediately with a damp cloth.

### HEAT UP TIMES

Your 600Ti is designed to be permanently left on, ensuring the cooker is ready to provide the unique surround heat for perfect cooking and baking, provided by an ESSE. Keeping at least one of the ovens on slumber will dramatically reduce the heat up times of the ovens and hotplate, prevent a build-up of moisture, (which can lead to rusting), whilst also providing a gentle warmth to your kitchen.

#### **Power Share Technology**

ESSE heat storage range cookers incorporate unique technology which shares power between the active elements on a cycle. This both reduces the heat up time of the cooker, whilst also providing favourable power consumption and running costs. The 3kW rating of the cooker is cycled between the active elements, ensuring each element receives the full 3kW of power. However, as a result, the more elements which are active, the longer it will take to initially heat them up to temperature.

The heat up times for your ESSE vary, depending upon how many elements are active, whether they are heating up from cold or slumber, the desired cooking temperature, along with the ambient temperature of your kitchen. However, as an approximate indication, from cold the hotplate takes in the region of 25 – 30 minutes to heat up to cooking temperature, whilst the ovens take in the region of 45 – 60 minutes.

## 4. OPERATING INSTRUCTIONS

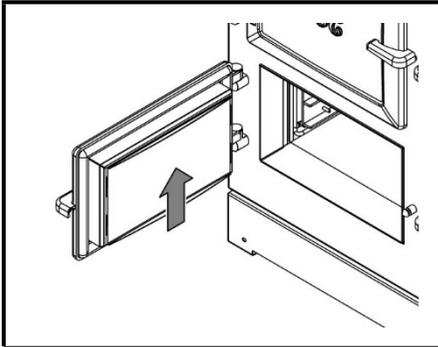
### ESSE ACCESSORIES AND COOKWARE

Your 600T came supplied with an ESSE Roasting Dish, Grill Pan, Oven Glove and Apron. However, additional ESSE cookware is available to purchase, through our cookware website at [www.esse.com/cookware](http://www.esse.com/cookware)

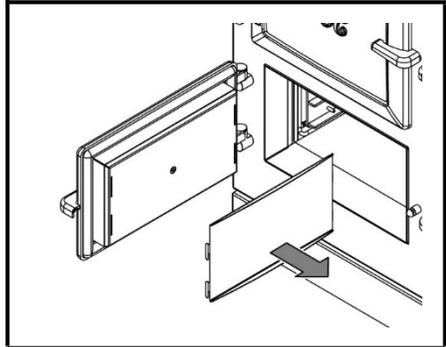
Our cookware range includes great items for use with your ESSE, including a Cast Iron Casserole Dish, Cast Iron Griddle Pan, Stainless Steel Kettle and Bolster Lid Covers.

### INSIDE DOOR LINERS

The door liners can be removed from the inside of the doors for cleaning. To remove the door liners...



1. Use the door liner handles to lift upwards



2. Pull the door liner clear of the door

To replace the door liners, repeat the above process in reverse.

### CLEANING & MAINTENANCE

Your ESSE heat storage range cooker should be inspected frequently, and any required maintenance undertaken.



Take care of hot surfaces when cleaning the appliance. We recommend only cleaning the appliance when it has been switched off.



Do not use abrasive pads, caustic cleaners, oven cleaners or aggressive cleaning chemicals to clean the coated doors, front, top or side panels, or the chrome bolster lids & towel rail.

#### General cleaning

In general, most of your ESSE can be kept lean using a soft lint-free cloth and soapy water, and then immediately drying with a cloth. We recommend any liquid or food spills are cleaned up immediately, so as not to bake onto the cooker, or discolour the surface material.

## 4. OPERATING INSTRUCTIONS

We recommend giving the front, doors and top a wipe down daily, or after use.

### **Bolster Lids**

The exterior chrome finish should be cleaned with a lint-free cloth, using soapy water, and immediately dried with a cloth, to prevent smearing. To keep the chrome shiny, use specialist chrome cleaning products. Do not use a scouring pad, as this will scratch the surface.

The inside face should be cleaned with a lint-free cloth, using soapy water, and immediately dried with a cloth. Do not use a scouring pad, as this will scratch the surface.

### **Cooker front, doors and side panels**

We recommend daily wiping down with a lint-free cloth, using soapy water, and immediately dried with a cloth, to prevent smearing. Any condensation moisture should be dried with a cloth, so as not to create smearing.

### **Top surface**

For general cleaning, we recommend using a soft lint-free cloth and soapy water, and then immediately drying with a cloth. Liquid or food spills should be cleaned up immediately, so as not to bake onto the cooker, or discolour the surface material.

### **Hotplate**

Liquid or food spills should be cleaned up immediately, (whilst taking care to avoid direct contact with the hot parts), so as not to bake onto the cooker. Stubborn stains can be removed with an appropriate cleaning pad, such as a Scotch-Brite™ Hand Pad (Maroon).

### **Ovens**

Do not use an oven cleaner on the ovens. Instead, wipe down with a soft lint-free cloth and soapy water, and then immediately dry with a cloth. The ovens should be switched on after cleaning, to ensure that they are dry. Stubborn stains can be removed with the supplied wire brush. To season and help protect the ovens, a fine layer of flax oil can be applied to the inside of the ovens.

### **Inside door liners**

The inside stainless steel door covers should be cleaned with a lint-free cloth, using soapy water, and immediately dried with a dry cloth.

Stubborn stains can be removed with a soap impregnated pad or specialist stainless steel cleaning pad, such as a Scotch-Brite™ Hand Pad (Maroon). Using aggressive cleaning pads will result in additional hairline texture in the metalwork, but it is down to the individual user to decide if this is preferable to stained inside door covers.

### **Rope seals**

Over time, the rope seals on the doors will soften, and may need replacing. Replacement rope and bonding silicone are available through your retailer, or online at [www.esse.com](http://www.esse.com)

## 4. OPERATING INSTRUCTIONS



Repairs or modifications should only be undertaken by ESSE authorised professionals. Only genuine ESSE replacement parts should be used, or your warranty may become invalid.

### WARRANTY

Your ESSE heat storage range cooker has been built to the highest standard using premium materials, and comes with a two year manufacturer's warranty. Register your ESSE online at [www.esse.com/warranty-registration](http://www.esse.com/warranty-registration).

The conditions of your warranty are:

- X Does not cover damage resulting from transportation or incorrect use or application, as advised within this manual.
- X It must be installed appropriately.
- X Does not cover parts deemed to be replaceable in the normal use of the cooker, e.g. rope door seals, thermostats, elements, etc.
- X Does not cover general wear and tear or cosmetic damage unrelated to the function of the appliance.

## 4. OPERATING INSTRUCTIONS

### TROUBLESHOOTING

Problem	Cause	Solution
<b>Grill not working effectively</b>	<ul style="list-style-type: none"> <li>The grill has not been switched on.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure the grill dial is turned clockwise to the desired setting, and the indicator light is glowing red.</li> </ul>
	<ul style="list-style-type: none"> <li>The grill is set to automatically switch off after 30 minutes of use.</li> </ul>	<ul style="list-style-type: none"> <li>Manually switch the grill off, then back to the desired setting.</li> </ul>
	<ul style="list-style-type: none"> <li>The grill pan is positioned too low in the oven.</li> </ul>	<ul style="list-style-type: none"> <li>Switch the grill off, then using an oven glove, reposition the wire shelf closer to the grill.</li> </ul>
<b>Condensation on the cooker front</b>	<ul style="list-style-type: none"> <li>The oven, hotplate or grill is heating the cold metal of the cooker, and causing condensation.</li> </ul>	<ul style="list-style-type: none"> <li>Wipe the condensation up with a clean cloth, ensuring it is dry, to avoid smearing.</li> </ul>
		<ul style="list-style-type: none"> <li>Consider leaving at least one element on slumber, when the cooker is not in use.</li> </ul>
		<ul style="list-style-type: none"> <li>Open the relevant steam vent, to allow excess moisture to escape.</li> </ul>
<b>Control LED flashing red and green alternatively</b>	<ul style="list-style-type: none"> <li>Thermocouple fault.</li> </ul>	<ul style="list-style-type: none"> <li>Call your retailer for support.</li> </ul>
<b>Oven or hotplate not working / getting to temperature</b>	<ul style="list-style-type: none"> <li>Not switched on.</li> </ul>	<ul style="list-style-type: none"> <li>Switch on using the appropriate dial on the controls.</li> </ul>
	<ul style="list-style-type: none"> <li>Timer is on, with the temperature set at slumber</li> </ul>	<ul style="list-style-type: none"> <li>Either remove the timer programme and switch on 'Manual Operation', or temporarily override the timer programme.</li> </ul>
	<ul style="list-style-type: none"> <li>Thermocouple fault.</li> </ul>	<ul style="list-style-type: none"> <li>Check if an LED is alternating green and red – if so, call your retailer for support.</li> </ul>

## 5. INSTALLATION INSTRUCTIONS

### PLANNING THE INSTALLATION

It is the installer's responsibility to ensure that when installing the appliance, the requirements of the Health and Safety at Work Act 1974 are met.

The installation instructions within this manual provide a guide for safe and appropriate installation, but it is the responsibility of the installer to ensure that the requirements of applicable British Standards are met.

It is the responsibility of the customer to ensure that the appliance is installed appropriately, and that the electrical installation conforms to local and national regulations, engaging with a qualified electrician as required.

Ensure that the mains supply corresponds to that of the appliance, which can be found on the rear of the control box.



**WARNING :** This appliance must be earthed.

Whilst not a legal requirement, we recommend the inclusion of an individual Residual Current Device (RCD) to the cooker supply circuit.



**WARNING :** During installation, there is an electric shock hazard.

We do not recommend using extension cables with this appliance.

### REQUIRED SPACE

To best receive your new ESSE, we strongly recommend that you take care to ensure that the space is properly prepared.

ESSE heat storage range cookers are hand crafted, so small variations in size can occur.

**Space requirements** Your ESSE 600T is 595mm wide, 900mm high (from floor to the top of the work surface), and 640 mm deep (from the front face, to the rear surface).

However, with the bolster lid up, your ESSE is 470mm taller, so make sure nothing above stops the lids from opening – We recommend a height of 1,420mm, (to include handle access).

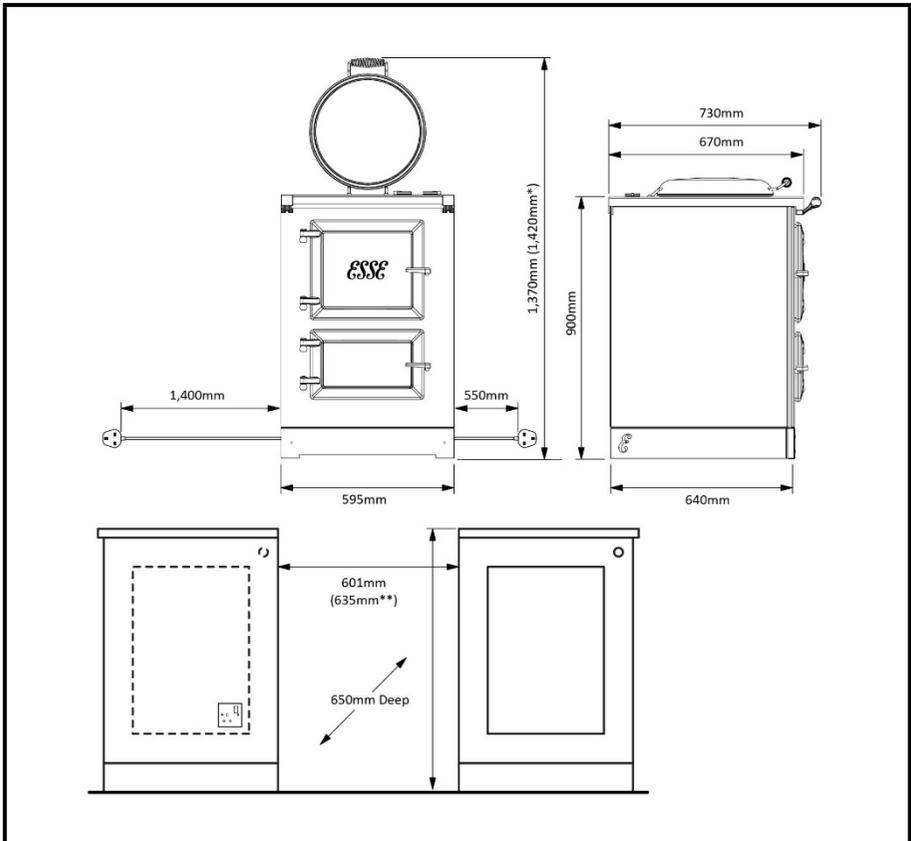
Ensure that the floor is flat and level, (use a spirit level), and appropriate for the weight of your ESSE – approximately 175kg.

Your ESSE should be installed with 3mm gap either side, to non-combustible surfaces, (such as a brick wall).

## 5. INSTALLATION INSTRUCTIONS

However, if your ESSE will be positioned next to a combustible surface, (such as an unprotected solid wood work surface), we strongly recommend you increase this distance to 20mm, to reduce the risk of the worktop cracking.

Ensure that there is a minimum 10mm gap between the rear of the cooker and the back wall / vertical surface – This is to help with air circulation to the induction hob.



\* Leave space to grasp the handle \*\* When positioned next to wood worktops.

## 5. INSTALLATION INSTRUCTIONS

### POWER SUPPLY

Your ESSE 600T is simple and easy to install, with one 13 Amp plug. As a result, your ESSE can simply be plugged into a standard 13A plug socket.

#### 13 Amp model

The sockets should be positioned to the side of your ESSE, not behind it, (as the additional depth will require your ESSE to be positioned further forward) – Preferably, have the sockets to the left of your 600T, which is closer to the mains cable port on your ESSE.

You may want to hide the socket within a cupboard, with a 60mm hole drilled at the bottom right hand side, to feed the plug through.

The mains cable length is 1.5m in total, so ensure that the socket is close enough to reach (see diagram on previous page).

Extension cables should not be used with this appliance.

### CONTROLS

The controls are located on a control box, which is connected to the cooker via a cable. The control box can either be placed on a horizontal surface close to the cooker, mounted to a wall, or hidden within an adjacent cabinet.

If the control box is to be placed on a horizontal surface, the two supplied feet should be fitted onto the rear of the box, allowing it to stand independently.

### PRODUCT SPECIFICATION

Key Product Specifications	
Power supply	230V ~ 50Hz
Rated power (kW)	3.0 <sup>1</sup>
Weight (Kg)	275
Power connection	1 x 13A plug
Required power source	1 x 13A plug socket
Dimensions	595 x 900 x 640mm <sup>2</sup>
Required space	601 x 1,370 x 650mm <sup>3</sup>

<sup>1</sup> Does not include induction hob use.

<sup>2</sup> Does not include towel rail, door or bolster lids – See diagram for further details.

<sup>3</sup> Increase required width by 34mm, when positioned next to wood worktops (ie, 20mm either side, rather than the standard 3mm either side for non-combustible materials).

## 5. INSTALLATION INSTRUCTIONS

### VENTILATION

Care must be taken to ensure that the kitchen is well ventilated. Natural ventilation holes within the room must be left open, or install a mechanical ventilation device, such as an extractor hood.

### UNPACKING THE APPLIANCE

To unpack your ESSE cooker, first remove all of the outer packing. Next, locate the supplied accessories from the top and bottom ovens, and move to one side. Remove the protective film on the inner door liners.

At this time please examine the cooker for any damage to the surface finishes and glass hob. In the unlikely event of any damage being observed on your ESSE cooker, or should any of the supplied accessories be missing, please contact your retailer for advice.

Finally, dispose of the remaining packaging responsibly.



Ensure the protective plastic film covering the inner door liners is removed before switching the appliance on – Failure to do so may result in damage to the cooker.

### SWITCHING THE COOKER ON FOR THE FIRST TIME



Ensure that the control dials are in the 'off position', before connecting the appliance to the power source.

WEEE Compliance Scheme Membership Number: WEE/MM2763AA



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