Blue Seal Electric Chip Scuttle

Installation and Use and Care Manual

CS45E
Chip Scuttle



246848-1
September 2026
Effective: From Lot No. 2605000

Scan QR code* or visit www.moffat.com.
*Requires reader to be installed on your smartphone.

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THANK YOU

Thank you for purchasing this Blue Seal chip scuttle. Your Blue Seal chip scuttle is designed to provide years of reliable service.

This manual will provide you with the information you need to operate and maintain your chip scuttle in the best possible way. Please read this manual carefully and refer to it frequently.

This manual must be kept for the entire life of the chip scuttle. The manual must remain with the chip scuttle, even if the chip scuttle is transferred, sold, leased, or shared.

This manual must be stored carefully in the place where the chip scuttle is used so that it is readily available to operators for consultation.

For your records

Model number _____

Serial number* _____

Date of purchase _____

Date installed _____

Installer _____

*Find the serial number on your chip scuttle's rating plate.

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General information

The drawings and diagrams in this manual are representative only and not to scale. They supplement the written instructions and specifications that they refer to.

Copyright

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IMPORTANT
The reproduction or copying of any part of this manual by any means whatsoever is strictly forbidden unless authorised previously in writing by Moffat Limited.

Warranty requirements

IMPORTANT
Installations must be carried out by a certified or licensed service person only. Failure to comply will void any written or implied warranty.

IMPORTANT
Unauthorised alterations to the chip scuttle may void warranties and approvals.

Intended use and restrictions

IMPORTANT
This chip scuttle is intended for commercial use only, in kitchens of restaurants, canteens, and so on. It is not intended to be used as follows:

- In residential, outdoor, marine environments, or for the continuous mass-production of food.
- By persons with limited physical, sensory, or mental abilities.
- By persons who are not adequately trained in the operation and use of the chip scuttle.
- By children.

- This chip scuttle must only be used by operators who are adequately trained in the purpose, limitations, and hazards of its operation. To avoid the risk of accidents or damage, operators should be regularly trained.

Product disposal



This symbol on the chip scuttle indicates that this chip scuttle should not be treated as domestic or regular commercial waste, but must be correctly disposed of in order to prevent any negative consequences for the environment and human health. For further information on the recycling of this chip scuttle, contact your local city office or your waste disposal service.

- This chip scuttle is built with common electrical, electromechanical, and electronic parts. No batteries are used.
- The owner and operator are responsible for the proper and safe disposal of the chip scuttle.

Safety information

Read the safety messages in this manual and follow the instructions carefully. Review them frequently.

Safety messages cannot cover every potential cause of injury or equipment damage but can highlight common causes of hazards. Read and understand all instructions in this manual prior to installing or servicing the chip scuttle and seek advice before operating the chip scuttle in a manner other than that described in this manual. Consult your authorised service technician before performing maintenance.

- Ensure that you and all users of this chip scuttle understand every safety message.
- Know and observe all safety rules that may apply to your work situation and your work site.
- Replace the user manuals and safety labels immediately if they are missing or damaged.

Recognize safety information



Safety alert symbol.

When you see this symbol in the manual or on the chip scuttle, pay special attention to the instructions.



Read the instructions before using the chip scuttle.



Risk of electric shock.



Risk of burns–hot surface.



Equipotential bonding terminal–must be connected to equipotential bonding system.

This manual uses the following safety symbols to indicate the level of caution required when using the chip scuttle.

⚠DANGER

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.

⚠WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.

⚠CAUTION

Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates information considered important, but not hazard-related (for example, messages relating to property damage).

General safety

⚠WARNING

Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operation, and maintenance instructions thoroughly before installing or servicing this chip scuttle.

⚠DANGER

Fire hazard. Do not use or store flammable materials in or near this chip scuttle. Do not spray aerosols in the vicinity of this chip scuttle while it is in operation.

⚠WARNING

Fire hazard. The chip scuttle operator shall take great care to use the chip scuttle safely and guard against risk of fire. The chip scuttle must not be left unattended during use.

NOTICE

The chip scuttle shall be regularly inspected by a competent service person to ensure that it is in safe and correct order for operation.

⚠CAUTION

Do not operate this chip scuttle without the supplied legs fitted to it.

Warranty

Moffat warrants all equipment supplied by Moffat against defects in material and workmanship.

Visit www.moffat.com for warranty terms and conditions or contact our Customer Care team.

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SPECIFICATIONS

Product information

The CS45E is a commercial heavy duty, high efficiency chip scuttle for modular kitchens, constructed in easy clean stainless steel external finish.

The chip scuttle has the following features:

- Easy clean stainless steel pan.
- 1.0 kW infrared ceramic heater.
- Removable scoop / drain screen.

Model identification

Your chip scuttle may have additional features. The model code on the chip scuttle's rating plate identifies the model type.

EB45[1]

[1] **Back options**
L - Low-back
H - High-back

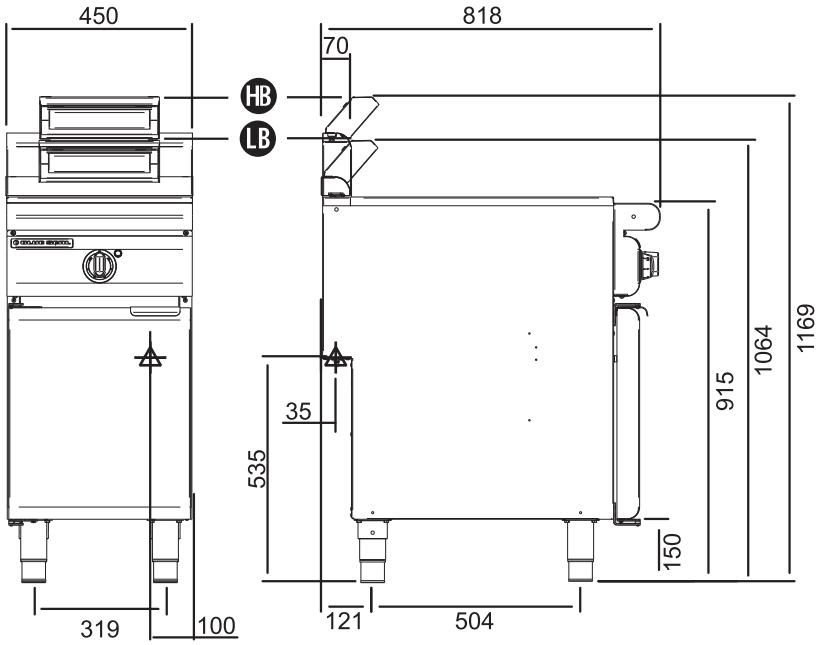
Product specifications

Model Series	Width	Net Weight
CS45E	450 mm	45 kg

Dimensions

All dimensions are in mm.

Electrical supply entry point Low-Back option only High-Back option only



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Supply requirements

Electrical supply

Model	Electrical supply			Nominal rating			
	Power	Voltage [Vac]	Frequency [Hz]	Power input [kW]	Current [A]		
					L1	L2	L3
CS45	1 P+N+E	230-240 ~	50 / 60	1.0	4.5	-	-
		220-230 ~	50 / 60	1.0	4.5	-	-
		220-240 ~	50 / 60	1.0	4.5	-	-

Electrical connection requirements

- An isolation switch shall be fitted within 2 m of the chip scuttle, but not on the chip scuttle and in such a position that the user does not have to reach across the cooking surface.
- The supply cord shall be oil-resistant, sheathed flexible cable and not lighter than ordinary polychloroprene, or other equivalent synthetic elastomer sheathed cord (as per AS / NZS 3191 part 2.10.11. or IEC 60245-IEC-57); for example, H05 RN-F type.
- The branch supply line shall be individually overload protected to the correct current rating and the supply cord shall be protected against any mechanical or thermal damage.
- All wiring connections must be tight.
- The size of the cable supply to the chip scuttle shall be appropriate for the current drawn on the line. Refer to the appropriate wiring standards for the cable size required.
- If the chip scuttle is intended to be moved for cleaning, then it shall be installed with a flexible power supply cord and equipotential bonding connections, such that the chip scuttle can be moved forward not less than 1320 mm without the flexible connections becoming taut or strained.
- A Residual Current Device (RCD) is recommended for protection of the power supply to this chip scuttle.

Clearances

NOTICE

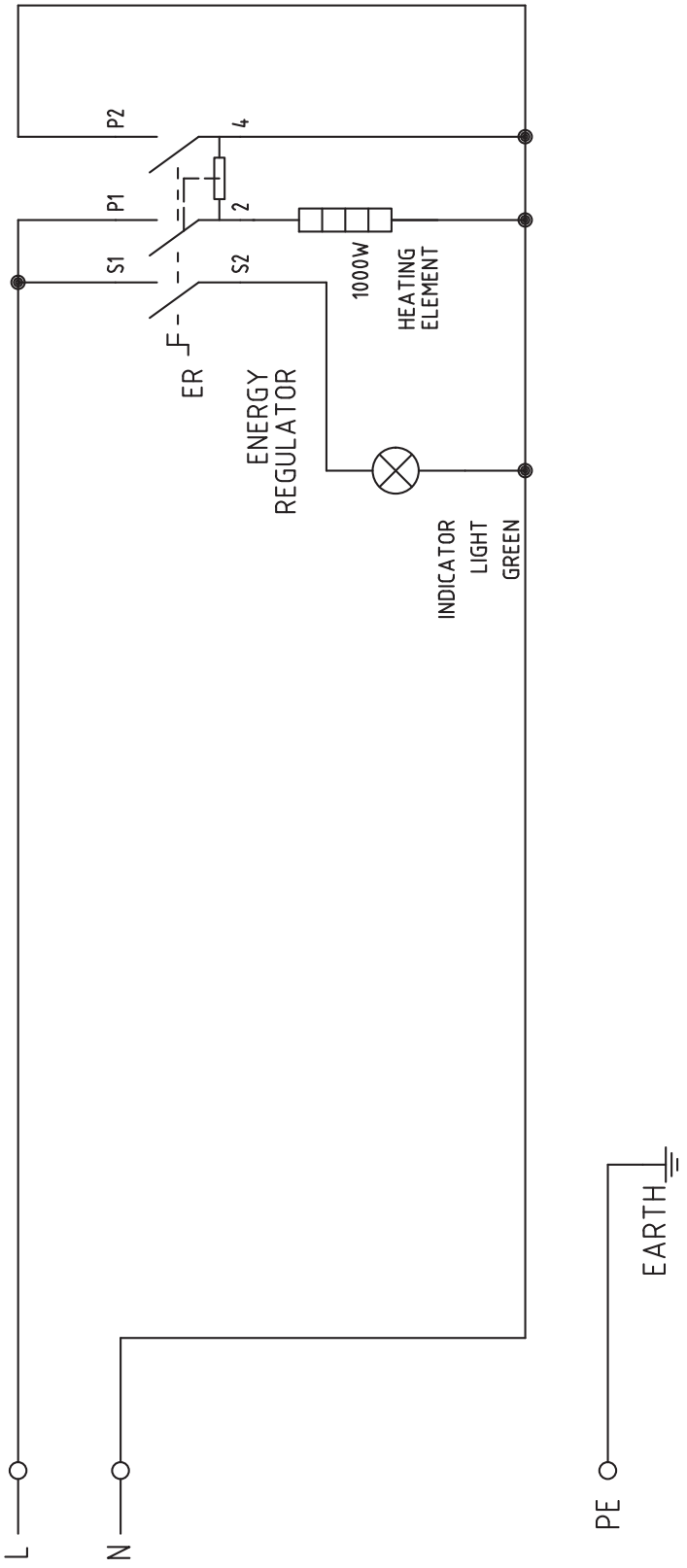
This chip scuttle should only be placed in close proximity to walls, partitions, furniture, or other surfaces if they are made of or cladded with non-combustible material.

Position the chip scuttle with the following minimum clearances:

	Non-combustible surface	Combustible surface
Left / Right	0 mm	50 mm*
Rear	0 mm	0 mm

To facilitate easy operation, drainage, and servicing of the appliance, a minimum of 600 mm clearance should be maintained at the front of the appliance.

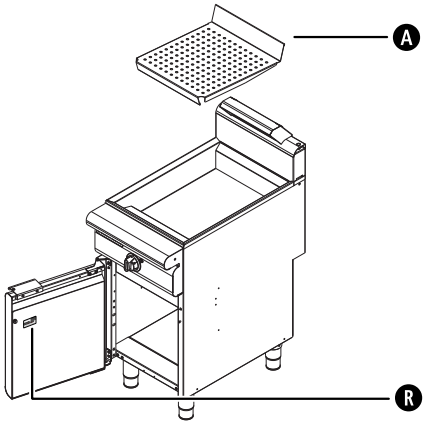
Circuit schematic



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OVERVIEW

Main parts



A	Drain screen
R	Raring plate

INSTALLATION AND SETUP

Your chip scuttle is designed to provide years of satisfactory service, and correct installation is essential for the best performance, efficiency, and trouble-free operation. It is of utmost importance that this chip scuttle is installed correctly and that operation is correct before use.

Complete the commissioning checklist in this manual before commissioning the chip scuttle.

⚠WARNING

Installations must be carried out by qualified service persons only. Failure to install equipment to the relevant codes and the manufacturer's specifications in this manual will void the warranty.

⚠WARNING

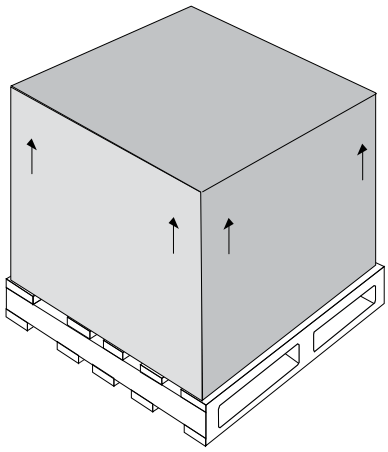
The chip scuttle installation must conform to national installation codes and local and national codes for fire safety.

Australia and New Zealand
AS/NZS 3000 Wiring Rules

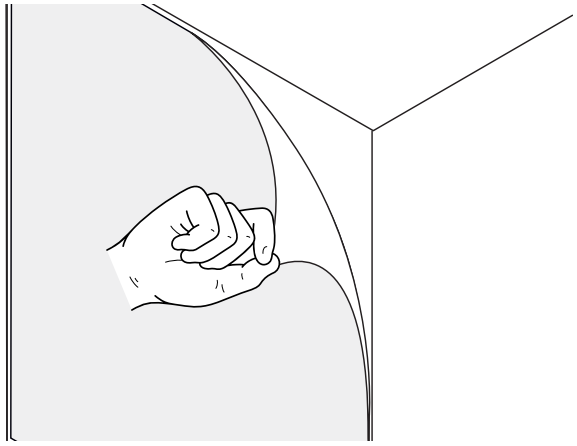
United Kingdom
BS 6173 Installation of Catering Appliances.
BS 5440 1 & 2 Installation Flueing & Ventilation.
BS 7671 Requirements for Electrical Installation.

US and Canada
ANSI / NFPA70 National Electrical Code.
CSA C22.2 Canadian Electrical Code.

Unpacking the chip scuttle



1. Carefully remove all packaging and transit protection from the chip scuttle including all protective plastic coating from the exterior stainless steel panels.
   Do not discard the carton and other packaging material until you have inspected the appliance for transit damage and have tested it for proper operation.
2. Remove the protective film from the stainless steel panels, taking care not to scratch the surface if using a blade or shim.



3. Check equipment and parts for damage. Report any damage immediately to carrier and distributor.
4. Check that the supply specifications on the rating plate are correct for your location and installation requirements.
5. Check that all parts are supplied with the product. See Parts on page 17.

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Assembling the chip scuttle

This chip scuttle is delivered fully assembled. No further assembly is required.

This chip scuttle is fitted with adjustable feet to enable the chip scuttle to be positioned securely and level. Level the chip scuttle only after you have completed the supply connections. See Levelling the chip scuttle on the next page.

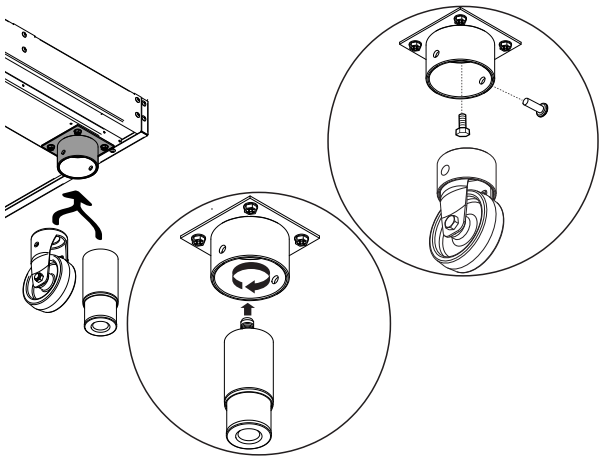
Fitting optional accessories

This chip scuttle can be fitted with optional accessories. See Accessories on page 18 for more information.

Refer to the instructions provided with the optional accessories to fit them to the chip scuttle.

Fitting rear rollers

This chip scuttle can be fitted with either rear rollers or adjustable feet.



To fit rear rollers to the base of the chip scuttle.

1. Raise the chip scuttle from the floor by approximately 75 mm using suitable lifting equipment (for example, palletiser or forklift) to allow rear adjustable feet to be removed.
2. Unscrew and remove both rear adjustable feet from the rear leg housings.
3. Fit the roller into the leg support and secure it in place with the locating screw. Tighten this screw using a 10 mm spanner.
4. Lower the chip scuttle back to the floor and adjust the front adjustable feet to level the chip scuttle.

Positioning the chip scuttle

⚠CAUTION

Position the chip scuttle so that the control panel and chip scuttle cooking area is easily reachable for loading and unloading.

Clearances

NOTICE

This chip scuttle should only be placed in close proximity to walls, partitions, furniture, or other surfaces if they are made of or cladded with non-combustible material.

Position the chip scuttle with the following minimum clearances:

	Non-combustible surface	Combustible surface
Left / Right	0 mm	50 mm*
Rear	0 mm	0 mm

To facilitate easy operation, drainage, and servicing of the appliance, a minimum of 600 mm clearance should be maintained at the front of the appliance.

Connecting the electrical supply

Ensure that you meet the electrical connection requirements. See Electrical connection requirements on page 7

⚠WARNING

All electrical connections must only be carried out by a suitably qualified person.

⚠WARNING

The chip scuttle must be earthed (grounded).

⚠WARNING

If the power supply cord is damaged, it must be replaced by a suitably qualified person in order to avoid a hazard.

NOTICE

Each chip scuttle should be connected to an adequately protected power supply with an appropriate power cord.

Check that the electricity supply is correct as shown on the chip scuttle's rating plate.

Ensure that a cable gland is fitted around the wiring entry hole into the chip scuttle.

Electrical supply connection

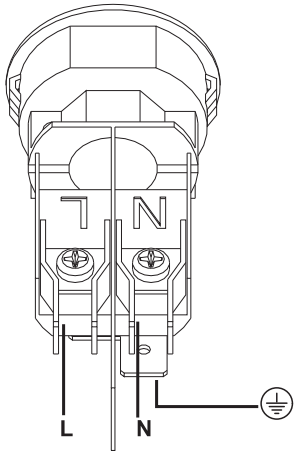
1. Remove the chip scuttle rear panel.
2. Bring the supply cable through the compression gland at the rear of the chip scuttle.
3. Connect the mains supply to the appropriately marked terminals on the terminal block. See Terminal block wiring connection below.

4. Tighten the cable entry gland to secure the cable to the chip scuttle.

> **IMPORTANT**
> Check that the cable is securely connected and fastened by pulling the cable from the outside of the chip scuttle.

5. Connect supply plug to mains outlet.
6. Turn on the mains supply and ensure that the chip scuttle is powered-up.

Terminal block wiring connection



1. Connect the mains supply according to the terminal block label that is fitted to the chip scuttle.
2. Ensure that the conductors are secure and appropriately terminated for all connections.
3. Tighten the cable entry gland to secure the cable to the chip scuttle.

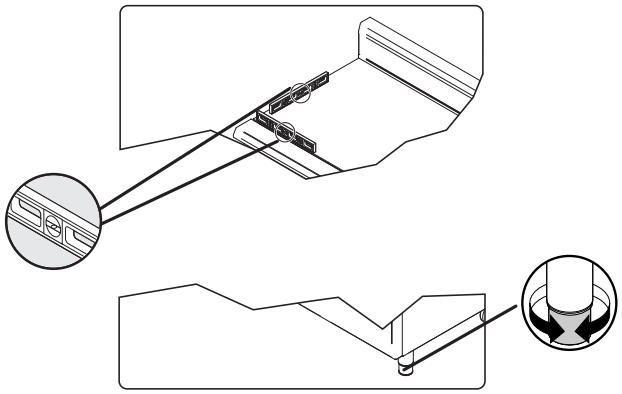
> **IMPORTANT**
> Check that the cable is securely connected and fastened by pulling the cable from the outside of the chip scuttle.

4. Check that the polarity of each connection is correct and matches the terminal markings on the chip scuttle.

Levelling the chip scuttle

Correctly locate the chip scuttle into its final operating position and, using a spirit level, adjust the chip scuttle feet so that the chip scuttle is level and at the correct height.

Check that all feet are securely fitted.



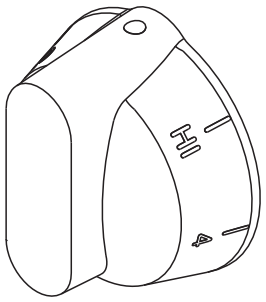
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OPERATION

Chip scuttle operation

Heating control

A power indicator light (A) is located beside the heating control.



The control knob settings for heating are as follows:

○	Off
LO-1-2-3-4-HI	Heat setting

General operation

- Set the heating control to any position between high and low to provide the desired level of heating. The ceramic heater commences heating the product.
  - The power indicator light glows when the heating element is powered on.

After-use cleaning

- Remove the drain screen from the chip scuttle and wash the screen in a solution of water and a commercial quality food-service approved detergent.

Cleaning the tank

1. Clean the tank and remove any solid material.
2. Wash the tank with a solution of water and a commercial quality food-service approved detergent.

TROUBLESHOOTING

This section provides a reference to the more common problems that may occur during the operation of your chip scuttle. This fault finding guide is intended to help you correct and accurately diagnose problems with your chip scuttle.

When fault finding a problem, always use a process of elimination starting with the simplest solution and working through to the most complex. Never overlook the obvious.

Fault finding

Fault	Possible causes	Remedy
The chip scuttle does not when it is turned on.	The mains isolating switch, circuit breaker, or fuses are off at the power board.	Turn on the main isolating switch.
		Check the fuses at the power board.
The ceramic heater does not work.	Heat switch faulty.	Call for service.
	The ceramic heater is faulty or blown.	Call for service.
No indicator light (The ceramic heater works)	The indicator light is faulty.	Call for service.
No heat control	The heat switch is faulty.	Call for service.

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CARE AND MAINTENANCE

To achieve the best results, clean your chip scuttle regularly and thoroughly. If small faults occur, have them attended to promptly. Don't wait until they cause a complete breakdown.

⚠CAUTION

Always turn off the electrical power at the mains supply before cleaning the chip scuttle.

⚠WARNING

Do not use flammable solvents and cleaning aids on or in close proximity to, the chip scuttle when the chip scuttle is still hot.

NOTICE

- This chip scuttle is not water proof. Do not use water jet spray or steam cleaner to clean interior or exterior of the chip scuttle.
- Carefully read and follow the safety instructions on the label of the cleaning product to be used.
- Do not use cleaning products with an acidic base or those containing chlorine.
- Do not use saline or sulphuric acid preparations to descale the chip scuttle.
- Do not use sharp scrapers or harsh abrasive scourers as they could damage the chip scuttle.
- Immediately clean alkaline spills (such as salty liquids) or acidic spills (such as lemon juice or vinegar) from cooking surfaces or enamel.
- Ensure that any detergent or cleaning material has been completely removed after each cleaning.

Maintenance schedule

	Daily	Weekly	Periodic
Clean the cooking area	✔		-
Clean the stainless steel surfaces	-	✔	-
Clean the outer body	✔*	-	
Empty and clean any debris or drainage receptacles	✔		
Check and adjust controls and mechanical parts**	-	-	Every 6 months
Full product service**	-	-	Every 6 months

* For a heavy cooking schedule, perform this task after each shift.

** To be conducted by a Moffat authorized service technician in full compliance with local and safety inspection and testing requirements.

For example: AU / NZ - AS / NZS 3760 for electrical equipment.

Maintenance tasks

General cleaning guidelines

After cleaning, always wipe the cooking area dry with a soft cloth.

Cleaning light soil

Clean light soil on the cooking surface with solution of hot water and mild detergent.

Cleaning baked-on soil (stainless steel surfaces)

Clean heavy, baked-on soil using a good quality stainless steel cleaner or stainless steel wool.

Only apply stainless steel cleaner when the chip scuttle is cool and rub in the direction of the grain.

Cleaning the outer body

- Thoroughly clean the exterior surfaces of the chip scuttle with hot water, a detergent solution, and a soft scrubbing brush.
- Clean the control panel with a damp cloth lightly moistened with a solution of mild detergent and water. Dry the control panel thoroughly with a dry cloth and polish with a soft dry cloth.
- Dry the appliance thoroughly with a dry cloth and polish with a soft dry cloth.

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PARTS

Supplied parts

This chip scuttle is not supplied with any additional parts or accessories.

Replacement parts

Quote the part number and description when ordering replacement parts. If the part required is not listed here, request the part by its description and quote your chip scuttle's model number and serial number as shown on the rating plate.

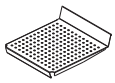
NOTICE

Only genuine Blue Seal parts should be used for servicing or repair of this chip scuttle.

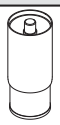
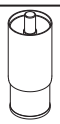
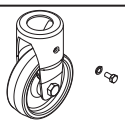
NOTICE

Follow the instructions supplied with the replacement part when you install it. Contact a Blue Seal authorised service centre or our Customer Care team for additional information and service instructions.

Replacement parts - chip scuttle

	Part No.	Description
	245199	Control knob, 6 mm (HI-5-4-3-2-LO)
	246706	Drain screen

Replacement parts - general

	Part No.	Description
	227850	Adjustable leg, 150 mm (flush stud)
	240534	Adjustable leg, 150 mm C/W plate (front)
	229674	Rear roller assembly
	247754	Door magnet
	247755	Door magnet spacer

Accessories

Accessories - plinth kits

Part No.	Description	Notes
251257	Plinth kit	450 mm wide models only.

Accessories - kick panels

Part No.	Description	Notes
247122	Kick panel 450 mm x 140[1]	For 450 mm models.
247342	Kick panel 450 mm x 125[2]	
247360	Kick panel 450 mm x 75[3]	
247135	Kick panel ends pair x 140[1]	
247373	Kick panel ends pair x 125[2]	
247376	Kick panel ends pair x 75[3]	

1 140 mm height kick panel for 915 mm chip scuttle operating height.
2 125 mm height kick panel for 900 mm chip scuttle operating height.
3 75 mm height kick panel for 850 mm chip scuttle operating height.

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COMMISSIONING CHECKLIST

Before leaving the new installation, check that the chip scuttle functions in accordance with the operating instructions in this manual. Complete the following checklist.

If the chip scuttle does not operate correctly, turn off the chip scuttle, disconnect the power supply at the mains and contact the supplier of this chip scuttle.

Date _____

Installer _____

Pre-installation

- ☐ Delivered intact with all parts and accessories.
- ☐ No noticeable damage to the interior or exterior of the chip scuttle.

Installation

■ Positioning and fitting
- ☐ Adequate separation and/or isolation from other appliances and/or heat sources.
- ☐ Adequate ventilation in installation area.
- ☐ The chip scuttle is level with respect to the floor.

■ Electrical connection
- ☐ Adequate supply voltage.
- ☐ Correctly grounded outlet.
- ☐ Correct current draw and loading.

■ General
- ☐ Correct door alignment (for applicable models).
- ☐ Correct door alignment
- ☐ All removable panels and receptacles have been refitted.

■ First use

⚠CAUTION

Ensure that all packaging material has been removed from the chip scuttle before operation.

Operation

■ Functionality
- ☐ The controls operate correctly. See Operation on page 13.

■ Operational readiness
- ☐ All connections are correct and all covers are fitted.

■ Operator training
- ☐ The operator has been instructed in correct operation and safe shutdown of the chip scuttle.

BLUE SEAL CUSTOMER CARE

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an Ali Group Company

GROUP

the spirit of excellence