



POWER BURNER

PBE1-24
Models

USER GUIDE

** DANGER**

IF YOU SMELL GAS

- Shut off gas to the appliance.
- Extinguish any open flame.
- Open lid.
- If odor continues, keep away from the appliance and immediately call your gas supplier or your fire department.

** WARNING**

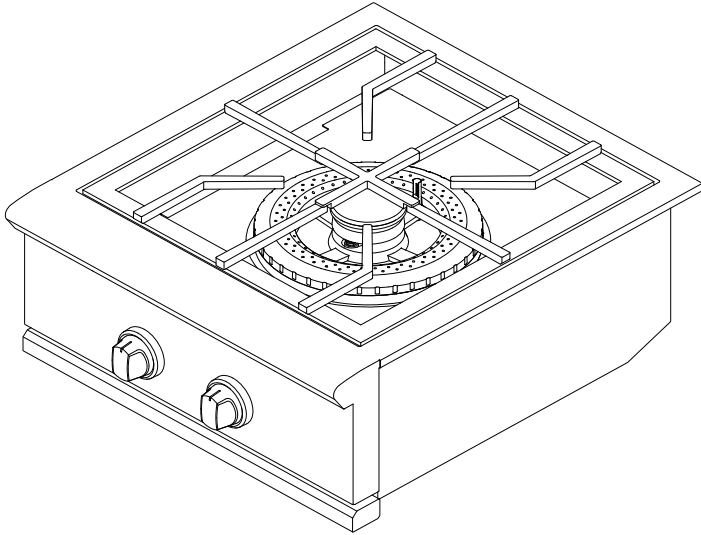
- Do not store or use gasoline or other flammable liquids or vapors in the vicinity of this or any other appliance.
- An LP cylinder not connected for use must not be stored in the vicinity of this or any other appliance.

CONTENTS

Introduction	3
Safety and warnings	4
Before you begin	9
Lighting instructions	10
Leak testing	12
Trivet assembly	13
Burner adjustment	14
Care and cleaning	16
Troubleshooting	17
Warranty and service	18

INTRODUCTION

Easily cook for a crowd on the impressive DCS Power Burner. Designed to support different sized pots and woks, it combines powerful heat with precise temperature control from 70,000 to 1,300 BTU. This power and precision gives you the flexibility for everything from a rapid boil down to a gentle simmer.



SAFETY AND WARNINGS

⚠ WARNING!



Electric Shock Hazard

Failure to follow this advice may result in electric shock or death.

- This appliance is equipped with a three-prong or four-prong grounding plug for your protection against shock hazard and should be plugged directly into a properly grounded power outlet.
- Never remove the grounding plug or use with a 2 prong adapter.
- Use only extension cords with a 3 prong grounding plug, rated for the power of the equipment, and approved for outdoor use with a W-A marking.
- Do not immerse cord or plugs in water or other liquid.

⚠ WARNING!



Fire Hazard

Failure to follow this advice may result in a fire causing death or serious injury.

- This unit is for outdoor use only. Do not operate under unprotected combustible construction. Do not use in buildings, garages, sheds, breezeways, covered structures or other such enclosed areas.
- Never store a spare LP cylinder under or near this unit. Do not fill the gas tank more than 80% of its total capacity .
- Do not use aluminium foil to line drip pans or trivets. This can interfere with combustion, air flow or trap excessive heat in the control area. The result of this can be melted dials or damaged ignition components.

⚠ WARNING!

Hot Surface Hazard

Failure to follow this advice may result in fire, burns, scalds or personal injury.

- Accessible parts may become hot during use.
- When in use, do not touch the burner, trivet, or immediate surrounding area as these areas become extremely hot. Clean the with caution.
- Never let clothing or other flammable materials come in contact with or get too close to any trivet, burner or hot surface until it has cooled.
- Never lean over an open unit. When lighting a burner, always pay close attention to what you are doing. Be certain you are pushing the burner dial when you attempt to light.
- Never operate the unit without a drip tray. Let hot grease cool before attempting to handle it. Avoid letting grease deposits collect in the drip pan.
- Ensure all controls are turned off and the unit is cool before using any type of aerosol cleaner on or around the product. The chemical that produces the spraying action could, in the presence of heat, ignite or cause metal to corrode
- Keep any electrical supply cord and the fuel supply hose away from any heated surfaces.



SAFETY AND WARNINGS

WARNING!



Explosion Hazard

Failure to follow this advice may result in injury or death

- If you smell gas, do not use the appliance.
- Do not use water on grease fires, a violent steam explosion may result. Turn all burners off, then smother fire or flame or use dry chemical or foam-type extinguisher.
- Do not heat unopened food containers such as cans – build up of pressure may cause container to burst and result in injury.

WARNING!

To reduce the risk of fire, injury to persons or damage when using the appliance, follow the important safety instructions listed below. Read all the guidance before using the appliance. Do not use an outdoor cooking gas appliance for purposes other than intended.

Servicing

- Do not repair or replace any part of the appliance unless specifically recommended in the user guide. All other servicing should be undertaken by a Fisher & Paykel trained and supported service technician or qualified person.
- Only use the product with the type of gas specified on the rating plate.

Fire Hazard

- Use only in well ventilated areas.
- Never leave the product unattended when in use.
- Always remove the cover before lighting. Do not replace cover during cooking or before appliance has cooled.
- Do not use a flame to check for gas leaks.
- Do not attempt to disconnect any gas connections while your appliance is in use or the gas supply is on.
- Never connect an unregulated gas line to the appliance.
- Have an ABC rated Fire Extinguisher accessible – never attempt to extinguish a grease fire with water or other liquids.

Storage

- When not in use, ensure the gas supply is turned off at the supply cylinder.
- Keep appliance covered when not in use
- Storage of the appliance indoors is permissible only if the cylinder is disconnected and removed from the unit.
- Cylinders must be stored outdoors, out of reach of children and must not be stored in a building, garage, or any other enclosed area.
Do not store a full LP tank in direct sunlight.

SAFETY AND WARNINGS

- After a period of storage or non-use, the appliance should be checked for gas leaks, deterioration, proper assembly, and burner obstructions before use.

General Use

- This appliance is not intended to be installed in or on recreational vehicles, trailers or boats.
- After lighting burners, ensure they are operating correctly.
- When using the appliance, be sure that all parts of the unit are firmly in place and that everything is stable.
- Do not move the appliance during use.
- Children should not be left alone or unattended in an area where the product is being used. Never allow them to sit, stand or play on or around the unit at any time.
- Do not store items of interest to children around or below the appliance.
- Never use the appliance in a windy area.
- To put out flare-ups, adjust the controls to lower the temperature.
- Do not obstruct the flow of combustion and ventilation to the appliance.
- Spiders and insects can nest in the burners or openings and can block or restrict the burner. This can cause a flash back to the control panel which can cause a fire.
- Do not try lighting this appliance without reading the lighting instruction in the user guide.
- Do not locate, store or operate the appliance on a slope.
- This product must be installed by a licensed plumber or gas fitter when installed within the Commonwealth of Massachusetts.
- Do not fill the gas tank more than 80% of its total capacity.
- Never use a dented or rusty LP tank. Keep the ventilation openings of the cylinder enclosure free and clear from debris.
- Before each use, inspect the gas supply piping or hose prior to turning the gas ON. If there is evidence of cuts, wear, or abrasion, it must be replaced prior to use. The pressure regulator and hose assembly supplied with the unit must be used. If replacements are needed, contact customer care at www.dcsappliances.com
- Clean and perform general maintenance on the appliance regularly. Watch for corrosion, cracks, or insect activity. Check the regulator, hoses, burner ports, air shutter, and venturi/valve section carefully. Always turn off gas at the source prior to inspecting.
- You must inspect the unit at least once a year or immediately if the smell of gas is present in conjunction with the burner flames appearing yellow, the appliance does not reach temperature or heats unevenly or the unit makes popping noises.
- Do not smoke while leak testing and extinguish all open flames.
- When cleaning the burners centre the burner onto the orifice correctly and ensure they are level before lighting to prevent fire hazard or explosion. Refer to the user guide for detailed guidance.
- Use only a Ground Fault Interrupter (GFI) protected circuit with this outdoor cooking gas appliance.
- Unplug from the outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts.
- Do not operate the appliance with a damaged cord, plug, or after the appliance malfunctions or has been damaged in any manner. Contact the manufacturer for repair.
- Do not let the cord hang over the edge of a table or touch hot surfaces.
- When connecting, first connect plug to the appliance then plug appliance into the outlet.
- Do not place the unit directly on the ground or other surface without support. This will prevent damage to the regulator/hose assembly.

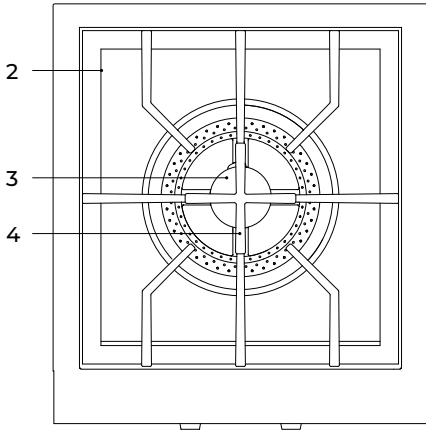
SAFETY AND WARNINGS

Gas requirements

- This appliance can be used with any brand of 20lb LP gas tank provided it is compatible with a proper retention device (not supplied).
- This appliance is set for use with either LP or NG, decided at the point of purchase.
- The LP gas cylinder must be:
 - Designed for use with a Type 1 system only.
 - Constructed and marked in accordance with the Specifications for LP gas Cylinders of the U.S. Department of Transportation (D.O.T.) or the Standard for Cylinders, Spheres and Tubes for Transportation of Dangerous Goods and Commission, CAN/CSA-B339
 - Provided with a listed overfilling prevention device.
 - Provided with a cylinder connection device compatible with the connection for outdoor cooking gas appliances
- The cylinder must be provided with a shut-off valve terminating in an LP gas supply cylinder valve outlet specified, as applicable, for connection Type 1.
- Do not change the regulator/hose assembly from that supplied with the unit or attempt to use a Type 1 equipped regulator/hose assembly with a standard 510 POL tank/valve assembly.
- Never use a cylinder with a damaged valve. The cylinder that is used must have a collar to protect the cylinder valve.
- An installer-supplied gas shut-off valve must be installed in an easily accessible location
- All installer supplied parts must conform to local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 or the Canadian Electrical Code, CSA C22.1, and the National Fuel Gas Code, ANSI Z223.1 or CSA-B149.1 Natural Gas Installation Code or CSA-B149.2 Propane Installation Code.
- In Massachusetts such shut-off valves should be approved by the Board of State Examiners or Plumbers & Gas Fitters.
- All pipe sealants must be an approved type and resistant to the actions of LP gases. Never use pipe sealant on flare fittings.
- A dented or rusty LP tank may be hazardous and should be checked by your LP supplier.
- Always check for leaks after every LP tank change.
- For LP units, check for leaks with a full cylinder.
- Do not use the appliance until all connections have been checked and do not leak.

BEFORE YOU BEGIN

- Ensure the installer has completed the final checklist in the installation guide.
- Read this guide, taking special note of the safety and warnings section.
- Remove all packaging and dispose of it responsibly. Recycle items that you can.



Power Burner Features

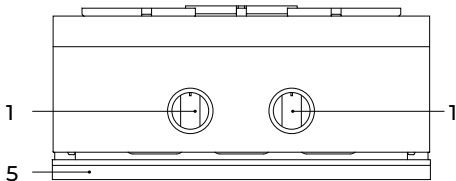
- 1 Control dials
- 2 Burner trivets
- 3 Burner
- 4 Small pot support
- 5 Drip pan

Not shown: cover

Dial halos

When a dial is in use, an orange halo around that dial will illuminate. This will change from orange to white if the dial is turned to **OFF** but another dial remains active. If all dials are turned **OFF**, all halos will dim.

Multiple DCS Series 9 products may be linked together to allow for cross-product halo illumination. To allow for this functionality, an approved DCS kit is required and can be purchased separately from your local DCS dealer.



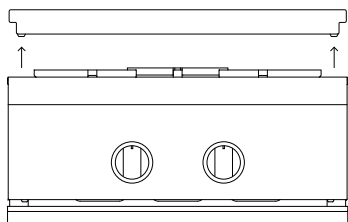
Cookware

- Cookware with non-metallic handles should not be used with this product.
- The maximum recommended capacity of cookware is 80L and the maximum cookware coverage should be no more than 75% of the total area.
- For cookware with a diameter of 8" and smaller, a pot support insert has been supplied. This insert must not be used with cookware with a diameter larger than 8" and is for use with the inner burner only. For details on fitting this insert refer to 'trivet assembly'.

LIGHTING INSTRUCTIONS

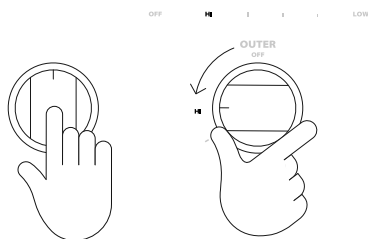
If you are using propane gas, a slight pop or flash may occur at the burner ports a few seconds after the burner has been turned OFF. This is normal for propane gas.

1



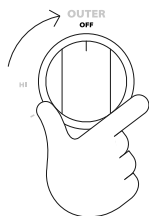
Remove the cover and any cooking utensils.
Ensure the drip pan is in place.

2



Push in and hold the selected dial for 2 seconds before turning to HI. Once the burner lights, release the dial.

3

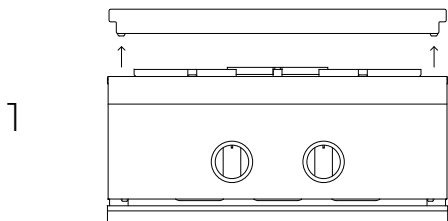


If burner does not light in 5 seconds,
turn dial back to OFF and wait 5 minutes
before trying again. This will allow any
accumulated gas to dissipate.

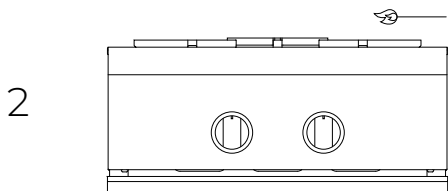
LIGHTING INSTRUCTIONS

Manual lighting

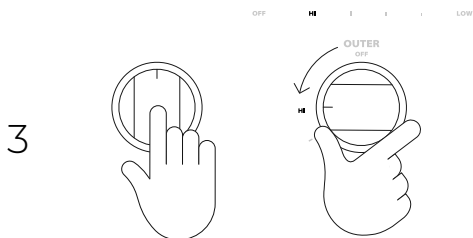
If the burner will not light after several attempts, the burner can be manually lit. If you have attempted to light the burner with the ignition, allow 5 minutes for any accumulated gas to dissipate.



Remove the cover and any cooking utensils. Ensure the drip pan is in place.



Using a match extension rod, carefully light a match and hold near the desired burner port. Always light the inner burner before the outer burner

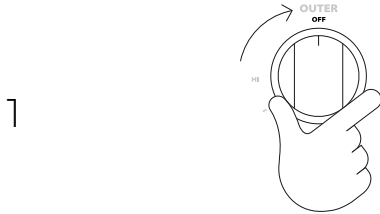


Push and turn the corresponding control dial to HI. If the burner does not light in 5 seconds, turn dial back to OFF and wait 5 minutes before trying again.

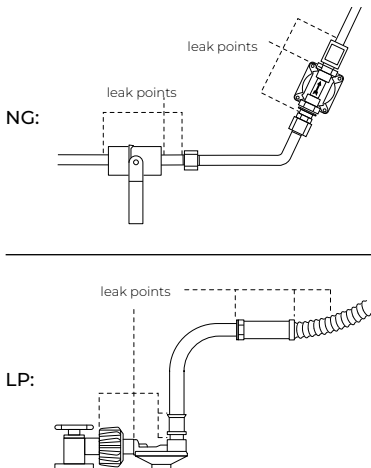
LEAK TESTING

A complete gas tightness check must be performed at the installation site. Periodically check the whole system for leaks, or immediately if the smell of gas is present.

When using a LP gas cylinder ensure it is installed in a vertical position to provide the required vapor withdrawal.



Prepare soap solution by combining one part liquid detergent and one part water. Pour into a spray bottle. Ensure all control valves are in the OFF position before turning the gas supply ON.



Check all connections from the supply line or LP cylinder by applying the solution around the connection, tubing and end of the manifold. Soap bubbles will appear where a leak is present.

If a leak is present

Immediately turn the gas supply OFF and tighten any leaking connections. Turn gas ON, and recheck. If you cannot stop a gas leak turn the gas supply OFF and call your local gas utility or the dealer you purchased the appliance from. Only parts recommended by the manufacturer should be used on the unit, substitution can void the warranty.

Changing the LP cylinder

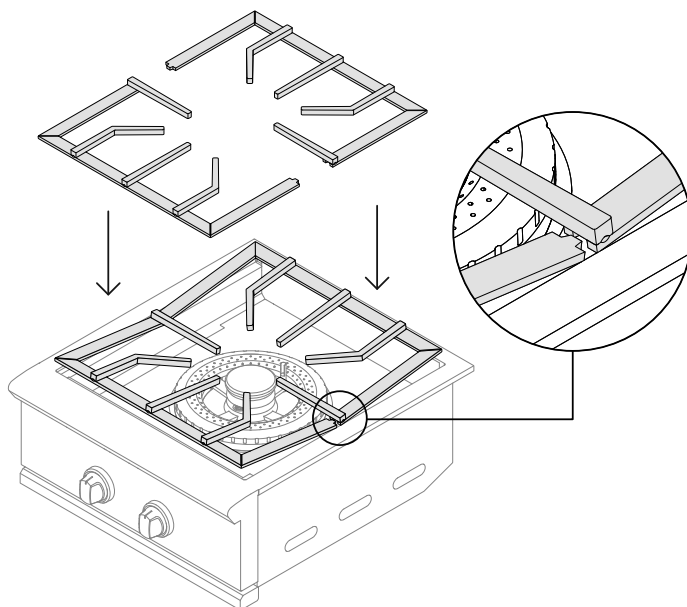
Ensure the main tank valve is turned off before turning the coupler counter clockwise, the inlet will then disengage. Remove the inlet from the tank valve opening. Your local LP filling station should be equipped with the proper equipment to fill your tank.

Do not attempt to remove, repair or replace the regulator/hose assembly. This must be done by qualified and licensed technician only.

TRIVET ASSEMBLY

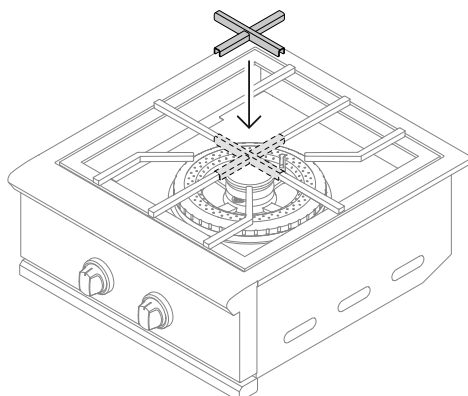
Main trivet

The main trivet assembly is made up of two halves that interlock to form the cooking surface. To install the trivets, position the feet onto the products ledge and slot the trivets together.



Small pot support

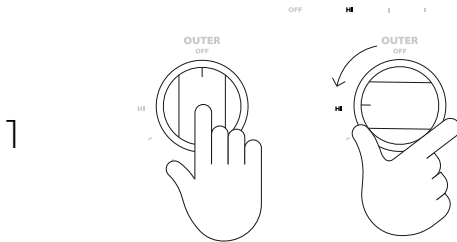
A small pot support is supplied with the Power Burner for cooking with pots smaller than 8". To install the pot support, slot onto the centre of the main trivet assembly as shown below.



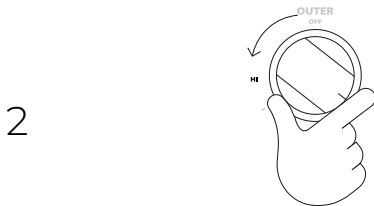
BURNER ADJUSTMENT

Low flame adjustment

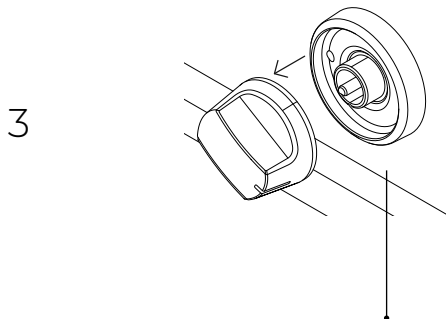
The valve for the outer burner feature an adjustable low setting. Due to fluctuations in gas pressure, or heating value you may feel it necessary to increase or decrease gas flow in the low position.



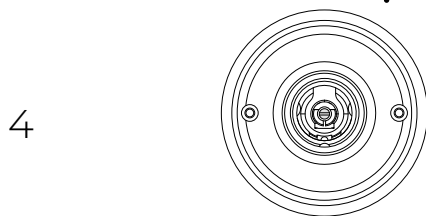
Push in and hold the outer burner dial for 2 seconds before turning to HI. Hold for 10 seconds to light the selected burner.



Turn the control dial counter-clockwise to the lowest setting.



Remove the dial.



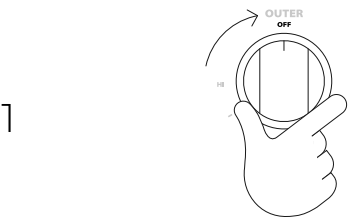
BEZEL FRONT VIEW

While holding the valve shaft with pliers, insert a flat-tipped screwdriver into the shaft and, while viewing the burner, adjust to a minimum stable flame.

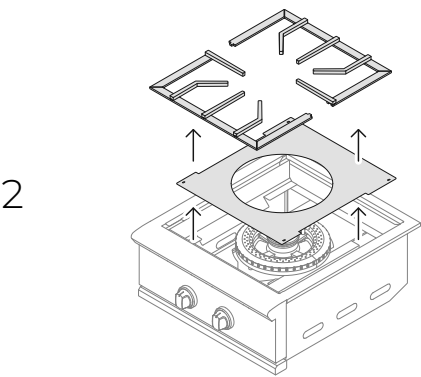
BURNER ADJUSTMENT

Flame height adjustment

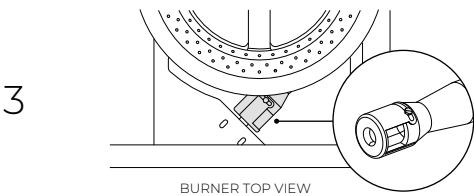
Flames should be blue and stable with no yellow tips, excessive noise or lifting (Note: LP units may have some yellow tipping). If any of these conditions exist, check the air shutter and burner ports are clear. If cleaning these does not improve performance, the air shutter for the outer burner can be adjusted as below.



Ensure the power burner is OFF and cool.



To access the air shutter, remove the trivets and burner hob. The hob can be removed by unscrewing the four screws from each corner. The burner should not be removed.



With a screw driver, loosen the lock screw on the face of the air shutter. If the flame is yellow turn the air shutter counter-clockwise, if the flame is noisy and tends to lift turn the air shutter clockwise.



Light to check adjustment. If the flame is blue and stable, tighten the air shutter screw and replace all parts. If flame is still unstable, repeat the above steps.

CARE AND CLEANING

Regulator and hose replacement

The pressure regulator and hose assembly supplied with the unit must be used. If replacements are needed, contact customer care at dcsappliances.com.

Resetting the flow control

Failure to follow the steps in the order shown may cause the Flow Limiting Device to activate resulting in extremely low gas flow and irregular operation.

- 1 All dials must be in the OFF position.
- 2 Attach regulator hose assembly to the tank and open the LP tank valve (minimum of two full turns).

Stainless Steel

Always use the mildest cleaning method first. Do not use steel wool to clean the product as it will scratch the surface.

Burner trivets

For durability and optimal performance, the burner trivets have been crafted using Stainless Steel. It is recommended that the trivets are cleaned while in place, however if removing the trivets take care as they are heavy and ensure they are placed on a protected surface. Trivets can be cleaned using hot soapy water.

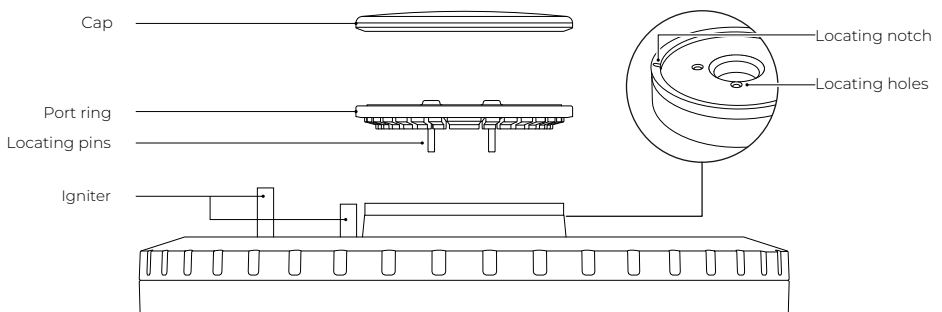
Due to rapid temperature changes the Stainless Steel will slowly darken over time. This is normal and will not impact the products performance.

Drip tray

To clean the drip tray, pull tray forward to remove. Wipe spills as soon as possible to prevent them becoming baked on.

Cleaning burner parts

- 3 Ensure all burner dials are OFF and all surfaces are cool.
- 4 Remove the burner cap and port ring and wash in hot soapy water, rinse and dry. The burner ports can be cleaned using a bristled brush.
Do not disassemble the burner, doing so could result in a fire hazard or explosion.
- 5 After cleaning, ensure the locating pins are correctly aligned. Incorrect alignment can cause poor burner performance and uneven or irregular flames.



TROUBLESHOOTING

If there is a problem with your power burner, please check the following before contacting your local Fisher & Paykel trained and supported service technician or DCS Customer Care Centre.

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
The product won't light when the ignition is pushed	There is no gas flowing to the unit.	Check gas supply and connections. Ensure no air is trapped in line.
	There is something blocking the air or gas flow.	Check all openings for blockages.
		Check that the unit is connected to a live AC power source. Check GFI outlet, reset if tripped.
Burner flame is yellow or orange in conjunction with the odor of gas.	Dirt or dust may be present in the area.	Move to a less dusty area and check for obstructions.
	Incorrect gas supply or type.	Confirm gas supply and type.
Low heat with dial in the HI position.	Fuel hose may be bent or kinked.	Check hose is routed correctly.
	Burner may need cleaning.	Follow cleaning instructions.
	If using LP gas, supply may be low or empty.	Check supply, refill tank if needed.
Burner power too high in the LOW position.	Low flame setting has been incorrectly set.	Refer to 'Low flame adjustment' for details.
Dial halos don't illuminate.	Power supply is off. GFI has tripped (Ground Fault Interrupter).	Check that the unit is connected to a live AC power source. Check GFI outlet, reset if tripped. Check power supply fuse, replace if blown.

WARRANTY AND SERVICE

Before you call for service or assistance

Refer to the installation instructions and your user guide and check that:

- Your product is correctly installed.
- You are familiar with its normal operation.
- Model number (can be found on the inside, right side panel behind the drip pan handle.
- Serial number (can be found on the inside, right side panel behind the drip pan handle.
- Code (can be found on the inside, right side panel behind the drip pan handle.
- Date of installation

If after checking these points you still need assistance or parts, please refer to the Service & Warranty book for warranty details and your nearest Service Centre, Customer Care, or contact us through our website www.dcsappliances.com or email: customer.care@dcsappliances.com

Complete and keep for safe reference:

Model	_____
Serial No.	_____
Purchase Date	_____
Purchaser	_____
Dealer	_____
Suburb	_____
Town	_____
Country	_____

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