

PROFESSIONAL DROP-IN COOKTOPS

- 36" 5 BURNER COOKTOP
- 30" 4 BURNER COOKTOP

Installation Manual







A MESSAGE TO OUR CUSTOMERS

Thank you for selecting this DCS Professional Drop-In Cooktop. Because of this appliance's unique features we have developed this Installation Manual. It contains valuable information on how to install your new appliance for years of safe and enjoyable cooking.

For your convenience, product questions can be answered by a DCS Customer Care Representative by phone: 1-888-936-7872, or by email: customer.care@fisherpaykel.com.

NOTE: Please write the Model and Serial Numbers on this page for references (located at the bottom of the chassis, right corner).

MODEL NUMBER SERIAL NUMBER

NOTE: Inspect the product to verify that there is no shipping damage. If any damage is detected, call the shipper and initiate a damage claim. DCS by Fisher & Paykel is not responsible for shipping damage.

DO NOT discard any packing material (box, pallet, straps) until the unit has been inspected.



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

WARNING

Do Not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other appliance.

DANGER

If you smell gas:

- 1. Do not turn on any electrical switch; do not use any phone in your building.
- 2. Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- 3. If you cannot reach your gas supplier, call the fire department. Installation and service must be performed by a qualified installer, service agency or the gas supplier.

PLEASE RETAIN THIS MANUAL FOR FUTURE REFERENCE.

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SAFETY PRACTICES & PRECAUTIONS

When properly cared for, your new DCS Appliance has been designed to be a safe, reliable cooking appliance. When using this restaurant caliber appliance, use it with extreme care, as this type appliance provides intense heat and can increase the accident potential. Basic safety precautions must be followed when using kitchen appliances, including the following:

- Read the Use and Care Manual thoroughly before using your new appliance. This will help to reduce the risk of fire, electric shock, or injury to persons.
- Begin by insuring proper installation and servicing. Follow this installation instructions. Be sure to have a qualified technician install and ground this appliance before using.
- Have the installer show you where the gas supply shut-off valve is located so you will know how and where to turn off the gas to the appliance.
- If you smell gas, the installer has not done a proper job of checking for leaks. You can have a small leak and therefore a faint gas smell if the connections are not completely sealed. Finding a gas leak is not a "do-it-yourself" procedure. Some leaks can only be found with the burner control in the ON position and for your protection it must be done by a qualified service technician.
- If by some chance a burner goes out and does not re-ignite and gas escapes, open a window or a door to let the room air out. Do not attempt to use the appliance until the gas has had time to dissipate.
- This appliance has been factory assembled for Natural Gas or Liquid Propane as indicated by model number.
- Do not repair or replace any part of this appliance unless it is specifically recommended in this manual. All other servicing should be referred to a qualified service technician.

🗥 WARNING:

Children should not be left alone or unattended in an area where appliances are in use. They should never be allowed to turn knobs, push buttons, sit or stand on any part of an appliance.

🗥 WARNING:

Do not store items of interest to children on or around the Drop-In Cooktop. Children could be seriously injured if they should climb onto or reach across the appliance to reach these items.

- Never store anything on the cooktop. Flammable materials can accidently catch fire, plastic items may melt or ignite and other types of items could be ruined.
- Do not hang articles from any part of the appliance. Some fabrics are quite flammable and may catch on fire.
- If the appliance is near a window be certain the curtains do not blow over or near the cooktop burners; they could catch on fire.
- Never let clothing, pot holders, or other flammable materials come in contact with, or too close to any burner or burner grate until it has cooled. Fabric may ignite and result in personal injury.

SAFETY PRACTICES & PRECAUTIONS

- Be certain to use only dry pot holders; moist or damp pot holders on hot surfaces may cause burn injury from steam. Do not use a towel or other bulky cloth in place of pot holders. Do not let pot holders touch hot burners, or burner grates.
- For personal safety, wear proper apparel. Loose fitting garments or hanging sleeves should never be worn while using this appliance. Some synthetic fabrics are highly flammable and should not be worn while cooking.
- Do not use aluminum foil to line any part of the cooktop. Using a foil liner could result in a fire hazard.

\land WARNING:

This appliance is for cooking. Based on safety considerations, never use the cooktop to warm or heat a room.

WARNING:

When using the cooktop: Do not touch the burner grates or the immediate surrounding area. Areas adjacent to the burners may become hot enough to cause burns.

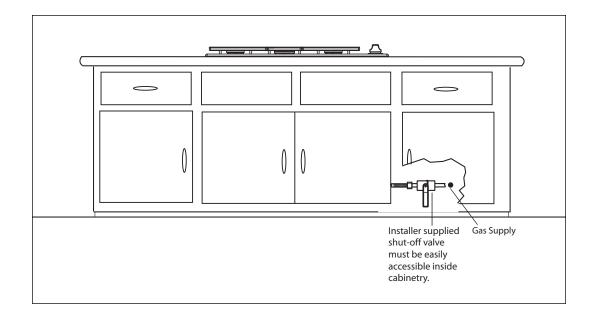
- Never leave the cooktop unattended when using high flame settings. A possible boil over could cause smoking or greasy spill overs may ignite. More importantly, if the burner flames are smothered by a severe boil over which effects the igniter, the unburned gas will escape into the room, which would be extremely dangerous.
- Only certain types of glass, heat-proof glass-ceramic, ceramic, earthen ware, or other glazed utensils are suitable for use on the open flame of the cooktop. Utensils that are not thermally heat safe may break with sudden temperature changes.
- Do not heat unopened food containers; a build up of pressure may cause the container to burst.
- During cooking, set the burner control so that the flame heats at the bottom of the pan and does not curl around the bottom edges of the pan. This could heat and/or melt the handles.
- Always use utensils that have flat bottoms large enough to cover the burner. The use of undersized utensils will expose a portion of the flame to direct contact and may result in ignition of clothing.
- To minimize burns, ignition of flammable materials and accidental spill overs, position handles of utensils inward so they do not extend over adjacent work areas, cooking areas, or the outside edges of the cooktop.
- Hold the handle of the pan to prevent movement of the utensil when stirring or turning food.
- Grease is flammable. Do not use water on grease fires. Turn OFF the burner, then smother the fire with baking soda or use a dry chemical or foam-type fire extinguisher. Let hot grease cool before attempting to handle it. Avoid letting grease deposits collect around the base of the cooktop burners. Clean after each use or boil over.
- Use splatter screens over pans when frying foods to minimize possible grease burns. Be sure not to use a flame that is too high.
- For proper lighting and performance of the cooktop burners, keep the burner ports clean. It may be necessary to clean these when there is a boil over or when the burner does not light, even though the electronic igniters click.
- Clean the cooktop with caution. Avoid steam burns; do not use a wet sponge or cloth to clean the cooktop while it is hot. Some cleaners produce noxious fumes if applied to a hot surface. Follow directions provided by the cleaner manufacturer.

SAFETY PRACTICES & PRECAUTIONS

- Be sure all the cooktop controls are turned off and the appliance is cool before using any type of aerosol cleaner on or around the appliance. The chemical that produces the spraying action could, in the presence of heat, ignite or cause metal parts to corrode.
- Clean the ventilator hood and filters above the cooktop frequently so grease from cooking vapor does not accumulate.
- Turn the ventilator OFF in case of fire. The blower, if in operation, could unsafely spread the flames.
- Do not obstruct the flow of combustion or ventilation air to the appliance. Be sure a fresh air supply is available.
- For safety reasons and to avoid damage to the appliance never sit, stand, or lean on any part of the appliance.
- Service should only be done by authorized technicians. Service technicians must disconnect the power supply before servicing this appliance.
- California Proposition 65 Warning: The burning of gas cooking fuel generates some by-products which are known by the State of California to cause cancer or reproductive harm. California law requires businesses to warn customers of potential exposure to such substances. To minimize exposure to these substances, always operate this unit according to the instructions contained in this booklet and provide good ventilation to the room when cooking with gas.

NOTE:

This product must be installed by a licensed plumber or gas fitter when installed within the Commonwealth of Massachusetts.



PROPER VENTILATION REQUIREMENTS

IMPORTANT INFORMATION:

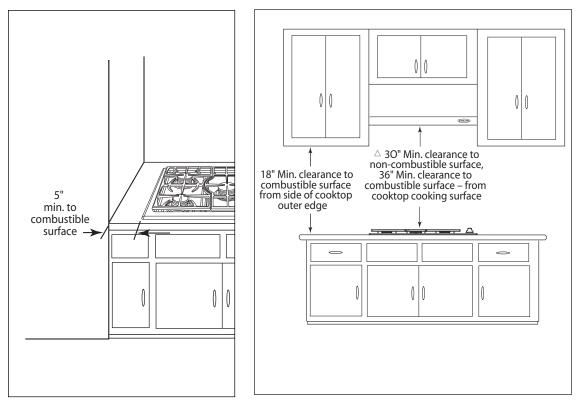
Ventilation hoods and blowers are designed for use with single wall ducting. However, some local building codes or inspectors may require double wall ducting. Consult local building codes and/or local agencies before starting, to ensure that hood and duct installation will meet local requirements. Hood blower speeds should be variable to reduce noise and loss of heated or air conditioned household air when maximum ventilation is not required. For best smoke elimination, the lower edge of the hood should BE INSTALLED A MINIMUM OF 30" TO A MAXIMUM OF 36" ABOVE THE COOKING SURFACE. If the hood contains any combustible materials (i.e. a wood covering) it must be a minimum of 36" above the cooking surface. Due to a high volume of ventilation air, a source of outside replacement air is recommended. This is particularly important for tightly sealed and insulated homes. A reputable heating and ventilating contractor should be consulted.

VENTILATION REQUIREMENTS: STANDARD COUNTER INSTALLATION RECOMMENDATIONS

HOOD:	(24"	Deep	х	Unit	Width)
11000.	~ '	Deep	~	01110	www.citi

BLOWER: 30"/36" COOKTOPS

600 CFM min.



 Δ as defined in the "national fuel gas code" (ansi Z223.1, lastest edition). The horizontal surfaces of the range top (cooktop) trim must not be below countertop level.

NOTE: SEE MANUFACTURE'S RECOMMENDATIONS FOR DUCTING SPECIFICATIONS.

PREPARING FOR THE INSTALLATION:

Be sure to read page 6 for the proper ventilation requirements before you begin.

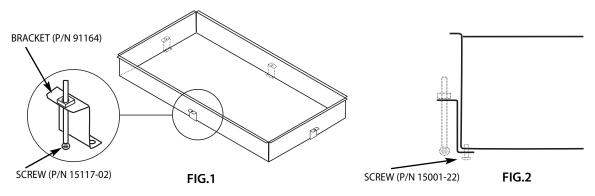
When making your CUTOUT refer to page 8-9 for cabinet preparation.

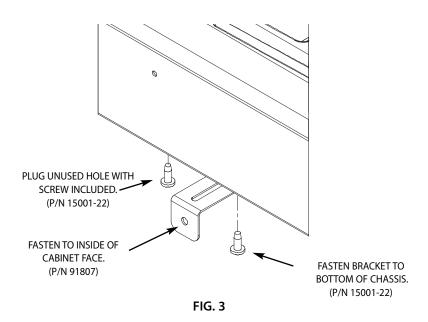
- Step 1: Unpack the unit, the regulator, and remove all packing between all the burners, rings, and caps. Remove the grates from their boxes.
- Step 2: With the necessary tools and hardware ready, measure the distance from the back and sides of the countertop and cabinet to locate the position of the cooktop Cutout.
- Step 3: Make your Cutout according to the dimensions given on page 8 & 9. Square the cutout to the countertop.
- Step 4: Lower the cooktop into the countertop cutout, being careful not to damage the counter, inlet pipe threads, or the power cord of the cooktop.
- Step 5: Square the cooktop to the cutout and install the (4) retaining brackets onto the 8 holes for CTD-365 and (2) retaining brackets onto 4 holes for CTD-304 located at the bottom of the unit (See Figure 1 below). If hold down brackets are not installed, the cooktop will not pull down to countertop.
- Step 6: Tighten the 4 preloaded thumb screws which will keep the unit secured. Do Not Over-tighten (See Figure 2 detail below).

NOTE:

Some installations may not have adequate clearance at the front for the 'Z'-shaped retaining bracket. In those cases, use the 'L'-bracket provided. Fasten the bracket to the bottom of the cooktop chassis using one of the screw holes provided for the retaining brackets. Make sure the bracket extends out far enough to contact the inside of the cabinet face. While pushing down on the front edge of the cooktop from above, attach the bracket to the cabinet. This step wil insure that the edge of the cooktop is flush with the counter surface. Plug the adjacent unused hole in the cooktop chassis with a screw. See Figure 3, page 8.

- Step 7: Install the regulator with the arrow in the direction of the gas flow (towards the cooktop) using a sealant on the male pipe threads. Put burner rings and burner caps in place.
- Step 8: Connect the gas line to the unit. Refer to page 9 for gas supply hookup.
- Step 9: Turn ball valve to let the gas flow. Check for gas leak.
- Step 10: Plug the unit into a wall outlet.
- Step 11: Turn the front burner knob on first and apply a match to the burner until the gas lights, being cautious not to burn your hand or other parts of your body. When the gas is first activated, there is air present in the gas lines. The match applied to the burner makes it easier and safer to clear the air/gas mixture. Use Caution to avoid burn injury.
- Step 12: Put grates in place.





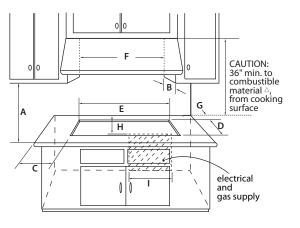
CABINET PREPARATION

The Drop-In Cooktop was designed for easy installation. However, for the best appearance, to conceal the raw cutout edges and to ensure a snug and secure fit, **the cutouts must be precise.** Use the cutout dimension information in the figures below for your installation. When preparing for installation, it is critical that the cabinet cutout matches the cutout dimensions provided for the cooktop for a good fit. See illustrations below for specifications.

- For proper performance, the Drop-In Cooktop must be level. To achieve a flush fit of the cooktop, it will be necessary to have a flat countertop (front to back and left to right).
- Be sure to check local building codes for the proper method of installation. Local codes may vary. Installation, electrical connections, and grounding must comply with all applicable codes.

NOTE:

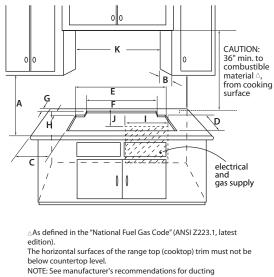
The cooktop must be completely removed from cut-out to service. The lower firebox is not supported by the counter.



DROP-IN COOKTOP CUT-OUT DIMENSIONS

- A) 18" MIN.
- B) 13" MAX.
- C) 5" MIN. TO COMBUSTIBLESΔ
- D) 19-3/4" DEPTH
- E) 34-3/4" FOR CTD-365
- 28-5/8" FOR CTD-304
- F) 36" HOOD WIDTH MIN. FOR CTD-365 30" HOOD WIDTH MIN. FOR CTD-304
- G) 2-1/2"
- H) 5″
- l) 18″
- △ As defined in the "National Fuel Gas Code" (ANSI Z223.1, latest edition). NOTE: See manufacturer's recommendations for ducting specifications.

DROP-IN COOKTOP CUT-OUT DIMENSIONS (when installing with a DCS DD-36 or DD-30 Downdraft Ventilation System)



specifications. NOTE: When installing a 30" Cooktop with a Downdraft (DD-30SS), a minimum of a 26" cabinetry depth is required.

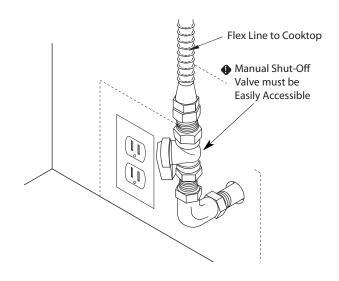
- A) 18" MIN.
- B) 13" MAX.
- C) 5" MIN. TO COMBUSTIBLES Δ
- D) 19-3/4" DEPTH
- E) 34-3/4" WIDTH FOR CTD-365
- 28-5/8" WIDTH FOR CTD-304
- F) 33-1/2" WIDTH FOR DD36 27-1/2" WIDTH FOR DD30
- G) 1/2" MIN.
- H) 2-5/8"
- l) 9″
- J) 26-1/2"
- K) MIN. 36" FOR CTD-365 MIN. 30" FOR CTD-304

GAS HOOK UP:

Supply: Pressure Inches W.C.: 11.0~14.0"-LPG/6.0~9.0"-Natural Gas

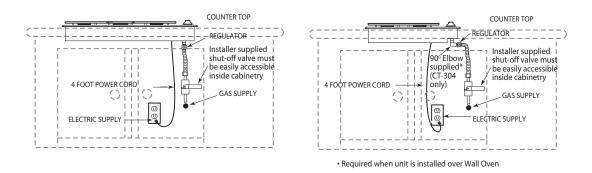
Verify the type of gas supplied to the location. The cooktop is shipped from the factory set for Natural Gas or LP (propane), depending on the specific model ordered. **Verify that the cooktop is compatible with the gas at the installation site before proceeding further.** Return cooktop to dealer if the unit is not set for site gas supply. A manual valve must be installed external to the appliance, in an accessible location from the front for the purpose of shutting off the gas supply. Make sure the gas supply is turned off at the wall valve before connecting the appliance. The gas supply connections should be made by a qualified technician and in accordance with local codes or ordinances.

Locate Gas Supply and Electrical Supply, referring to the illustrations below.



GAS CONNECTION FOR CTD-365

GAS CONNECTION FOR CTD-304



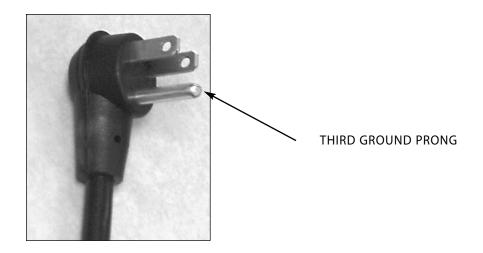
POWER REQUIREMENTS:

120 VAC, 60 Hz., single phase. CTD-304/CTD-365: 0.10 Amp. Max. (Use 15 Amp. circuit minimum)

- Always disconnect the electric supply cord from the wall outlet or turn off the electricity at the service disconnect before servicing this appliance.
- Observe all governing codes and ordinances when grounding, in the absence of which, observe National Electrical Code ANSI/NFPA No. 70-1990.

RECOMMENDED GROUNDING METHOD:

This appliance is factory equipped with a power supply cord with a three-prong grounding plug (with polarized parallel blades). It must be plugged into a mating grounding-type receptacle, connected to a correctly polarized 120 Volt circuit. If the circuit does not have a grounding type receptacle, it is the responsibility and obligation of the installer or user to have the existing receptacle changed to a properly grounded and polarized receptacle in accordance with all applicable local codes and ordinances by a qualified electrician. In the absence of local codes and ordinances, the receptacle replacement shall be in accordance with the National Electrical Code. THE THIRD GROUND PRONG SHOULD NOT, UNDER ANY CIRCUMSTANCES, BE CUT OR REMOVED. The electrical supply must be a 120 volt, 60 Hz single phase, 15 AMP circuit. The power receptacle must be a NEMA 5-15R device to accept the three prong plug supplied with the unit.



INSTALLER FINAL CHECKLIST

GENERAL

- Placement of Unit.
- **D** Specified clearance maintained to cabinet surfaces.
- Unit Level- front to back, side to side.
- □ All packaging material and tie straps removed.

ELECTRICAL:

- **Q** Receptacle with 15 ampere circuit protection is provided for service cord connection.
- □ Adequate ground connection.

GAS SUPPLY:

- Connection: 1/2 NPT with a minimum 5/8" diameter flex line.
- □ The pressure regulator which is connected to the manifold is set for 4.0" W.C. for Natural Gas or 10" W.C. for LP.
- □ Manual gas shut-off valve installed in an accessible location.
- **Unit tested and free of gas leaks.**

OPERATION:

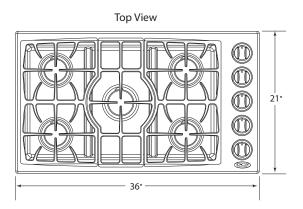
- All internal packing materials are removed, i.e. below grates, around knobs, etc.
- **D** Bezels centered on burner knobs and knobs turn freely.
- **L** Each burner lights satisfactorily, both individually and with other burners operating.
- Low flame operation verified.
- □ All burner caps, burner rings and burner bases correctly seated in position, level, and do not rock or slide.
- **D** Burner grates correctly positioned, level, and do not rock.

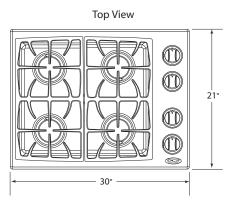
PRODUCT MEASUREMENT SPECIFICATIONS

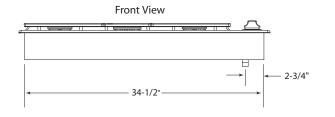
To be sure that the CUTOUT for the cooktop is correct and to insure a clean installation, REFER TO PAGE 8 FOR CABINET PREPARATION AND CUTOUT SPECIFICATIONS.

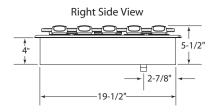
CTD-365

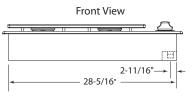
CTD-304

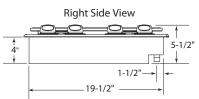




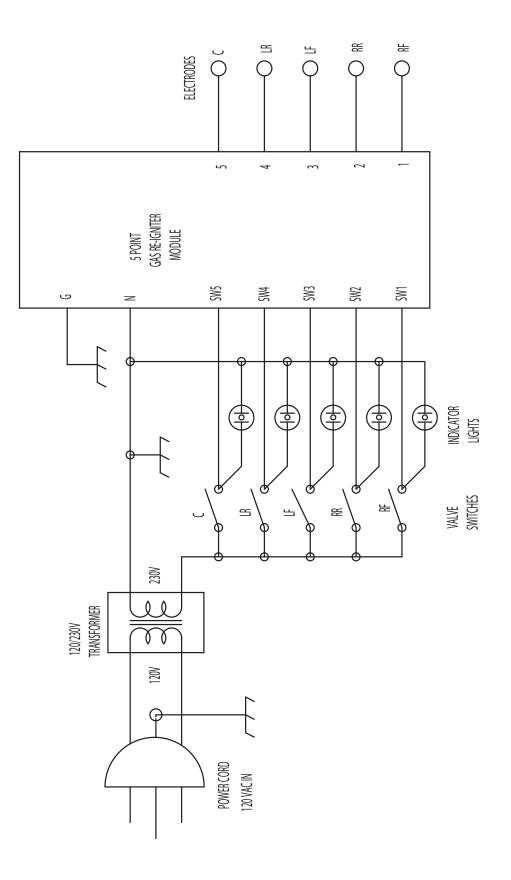




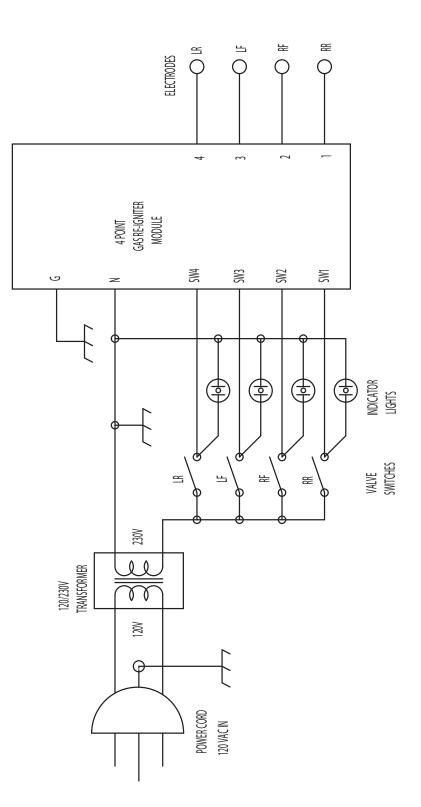




WIRING DIAGRAM FOR CTD-365



WIRING DIAGRAM FOR CTD-304





HOW TO OBTAIN SERVICE:

For warranty service, contact DCS Customer Care Representative at (888) 936-7872. Before you call, please have the following information ready:

- Model Number (located at the bottom of chassis, right corner)
- Serial Number (located at the bottom of chassis, right corner)
- Date of installation
- A brief description of the problem

Your satisfaction is of the utmost importance to us. If a problem cannot be resolved to your satisfaction, please write to Customer Care or email: customer.care@fisherpaykel.com,

Write:

Fisher & Paykel Appliances, Inc. Attention: DCS Customer Care 5900 Skylab Road Huntington Beach, CA 92647

BEFORE YOU CALL FOR SERVICE:

- 1. Is the circuit breaker tripped?
- 2. Is the gas turned on?
- 3. Is the AC plugged in?
- 4. Is the burner cap in position?
- 5. Can the burner be lit with a match?
- 6. Is the gas type correct for the unit LP or Natural? (Assume the gas type is natural unless the model # has "L" which stands for LP.)

WARRANTY

LIMITED WARRANTY

When you purchase a new DCS Drop-in Cooktop you automatically receive a One Year Limited Warranty covering parts and labor for the entire product, and a Five Year Limited Warranty on the structural integrity of the exterior and interior body parts for servicing within the 48 mainland United States, Hawaii, Washington D.C. and Canada. In Alaska the Limited Warranty is the same except that you must pay to ship the Product to the service shop or the service technician's travel to your home. Products for use in Canada must be purchased through the Canadian distribution channel to ensure regulatory compliance. Should rusting occur to the degree of non-performance, replacement parts will be furnished. This does not apply if the unit was subjected to other than normal residential use.

If the Product is installed in a motor vehicle, boat or similar mobile facility, you receive the same One Year Limited Warranty, but you must bring the vehicle, boat or mobile facility containing the Product to the service shop at your expense or pay the service technician's travel to the location of the Product.

FISHER & PAYKEL UNDERTAKES TO:

Repair without cost to the owner either for material or labor any part of the Product, the serial number of which appears on the Product, which is found to be defective. In Alaska, you must pay to ship the Product to the service shop or for the service technician's travel to your home. If the Product is installed in a motor vehicle, boat or similar mobile facility, you must bring it to the service shop at your expense or pay for the service technician's travel to the location of the Product.

If we are unable to repair a defective part of the Product after a reasonable number of attempts, at our option we may replace the part or the Product, or we may provide you a full refund of the purchase price of the Product (not including installation or other charges).

This warranty extends to the original purchaser and any succeeding owner of the Product for products purchased for ordinary single-family home use. All service under this Limited Warranty shall be provided by Fisher & Paykel Appliances Inc. or its Authorized Service Agent during normal business hours.

HOW LONG DOES THIS LIMITED WARRANTY LAST?

Our liability under this Limited Warranty for the entire product expires One Year from the date of purchase of the Product by the first consumer. Our liability under this Limited Warranty for the structural integrity of the exterior and interior body parts expires Five Years from the date of purchase of the Product by the first consumer.

Our liability under any implied warranties, including the implied warranty of merchantability (an unwritten warranty that the Product is fit for ordinary use) also expires One Year (or such longer period as required by applicable law) from the date of purchase of the Product by the first consumer. Some states do not allow limitations on how long an implied warranty lasts, so this limit on implied warranties may not apply to you.

THIS WARRANTY DOES NOT COVER:

- A. Service calls that are not related to any defect in the Product. The cost of a service call will be charged if the problem is not found to be a defect of the Product. For example:
 - 1. Correct faulty installation of the Product.
 - 2. Instruct you how to use the Product.
 - 3. Replace house fuses, reset circuit breakers, correct house wiring or plumbing, or replace light bulbs.
 - 4. Correct fault(s) caused by the user.
 - 5. Change the set-up of the Product.
 - 6. Unauthorized modifications of the Product.
 - 7. Noise or vibration that is considered normal, for example, drain/fan sounds, regeneration noises or user warning beeps.

WARRANTY

- 8. Correcting damage caused by pests, for example, rats, cockroaches etc.
- B. Defects caused by factors other than:
 - 1. Normal domestic use or
 - 2. Use in accordance with the Product's Use and Care Guide.
- C. Defects to the Product caused by accident, neglect, misuse, fire, flood or Act of God.
- D. The cost of repairs carried out by non-authorized repairers or the cost of correcting such unauthorized repairs.
- E. Travel Fees and associated charges incurred when the product is installed in a location with limited or restricted access (i.e. airplane flights, ferry charges, isolated geographic areas).
- F. Normal recommended maintenance as set forth in the Product's Use and Care Guide.

If you have an installation problem contact your dealer or installer. You are responsible for providing adequate electrical, exhausting and other connection facilities. We are not responsible for consequential or incidental damages (the cost of repairing or replacing other property damaged if the Product is defective or any of your expenses caused if the Product is defective). Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

HOW TO GET SERVICE

Please read your Use and Care Guide. If you then have any questions about operating the Product, need the name of your local DCS Authorized Service Agent, or believe the Product is defective and wish service under this Limited Warranty, please contact your dealer or call us at:

TOLL FREE 1-888-936-7872 or contact us through our web site: www.dcsappliances.com

You may be required to provide reasonable proof of the date of purchase of the Product before the Product will be serviced under this Limited Warranty.

COMMERCIAL USE

This warranty applies to appliances used in residential applications; it does not cover their use in commercial situations.

NO OTHER WARRANTIES

This Limited Warranty is the complete and exclusive agreement between you and Fisher & Paykel Appliances Inc. regarding any defect in the Product. None of our employees (or our Authorized Service Agents) are authorized to make any addition or modification to this Limited Warranty.

Warrantor: Fisher & Paykel Appliances, Inc. If you need further help concerning this Limited Warranty, please call us at the above number, or write to:

Fisher & Paykel Appliances, Inc. Attention: DCS Customer Care 5900 Skylab Road, Huntington Beach, CA 92647

This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Fisher & Paykel Appliances Inc. is a leading manufacturer of premium quality cooking and specialty appliances under the Fisher & Paykel and DCS brands.



Quality provided by Fisher & Paykel Appliances Inc.

Fisher & Paykel Appliances, Inc. 5800 Skylab Road, Huntington Beach, CA 92647 Customer Care: 888.936.7872 Fax: 714.372.7003 www.dcsappliances.com

As product improvement is an ongoing process, we reserve the right to change specifications or design without notice.

Nous améliorons constamment ses produits et se réserve le droit de modifier les spécifications ou la conception de ses produits sans aucun préavis.

P/N 239356 Rev. B Litho in USA 08/2008