



DS400W

**Caple Drawline Integrated
Dishwasher (White)**

INSTRUCTION MANUAL

Description of the Dish Washer

(drawing on last cover page)

- A - "Start - Stop" Pushbutton
- B - Machine "ON" Light
- C - Door opening
- D - Program Knob
- E - Upper basket
- F - Basket level adjustment
- G - Upper spayer
- H - Bottom Basket
- I - Bottom Sprayer
- L - Salt Container
- M - Wash Filter
- N - Container for detergent and rinse aid
- O - Container for rinse aid

Technical Characteristics

| | |
|----------------------|-----------------------------|
| Width | cm. 60 |
| Depth | cm. 57 |
| Height | cm. 85 |
| Capacity | 12 standard covers |
| Water input pressure | 0,5-10 bar |
| Power Supply: | see table of specifications |
| Total input | see table of specifications |
| Fuses | see table of specifications |

This appliance complies with the provisions of EEC directive 89/336 of 3.5.89 (including the modification directive 92/31 EEC) concerning the elimination of radio interference.



Installation

To Unpack the Dish Washer

Remove the outside carton, the corner supports, the plastic covering and the wooden support on which the machine is placed. Open the door of the dish washer and remove the parts which fix the baskets.

How to Position the Dish Washer

Place the machine into the position selected. The back or sides of the machine may be in direct contact with walls or furniture. The water input and output pipes of the dish washer may be installed either to the left or to the right, as required.

If the machine is to be built-in check that the space available has the following dimension: H 65 cm., L 60 cm., D 57 cm. It is important that these measurements are respected because if they are less, noise and vibrations could be caused between the furniture and the dishwasher. Also check that enough room is left at the back of the unit to avoid the outlet tube from being squashed.

If the height of the opening is less than 85 cm it is necessary to take off the working top by unscrewing the screws on the back and adjusting the feet so that the dishwasher is level with the furniture.

How to Level the Dish Washer

It is possible to put out the machine on any stable flooring material. It is however necessary to adjust the feet by screwing them.

Once the dish washer has been placed into position, adjust the feet by screwing them up or down in order to level the machine. Proper levelling will ensure that the dish washer functions properly.

If the unit is installed on a carpeted floor it is important that the opening of the lower parts of the machine are not obstructed by the carpet.

To Connect the Cold water

Connect the input water pipe to a cold water input with a 3/4 gas threaded inlet. Remember to install the small filter which is provided with the dish washer, between these and to screw it firmly to the tap (fig. 2).

If the piping is new or has not been used for a long period of time, allow the water to run until limpid and clean before connecting. Failure to do so may result in clogging which could damage the dish washer.

How to connect the discharge pipe

Connect the discharge pipe to a discharge stand pipe with a diameter of at least 4 cm. or place in into a sink. Ensure that the pipe is not twisted or bent.

The free end should be placed at a height between 32 and 80 cm. and should be above the water level.

If you have any doubt, consult a qualified plumber regarding the installation of the water and discharge pipes.

Electrical connection

Warning - THIS APPLIANCE MUST BE EARTHED

Moulded non rewirable plugs

If your machine is fitted with a non rewirable plug, and the socket outlets in your home are not suitable, the plug must be cut off and appropriate one fitted.

Should the moulded plug have to be cut off, it must be destroyed. On no account should the plug be inserted in a 13 amp socket elsewhere in the home as a severe electric shock may result.

Replacing the fuse in a non rewirable plug

A 13 amp ASTA approved fuse to BS. 1362 should always be used, and the fuse cover must be re-fitted. If the fuse cover is lost, the plug must not be used until a replacement is obtained.

Replacement fuse cover

If a replacement fuse cover is fitted, it must be of the correct colour as indicated by the coloured marking or the colour that is embossed in words on the base of the plug.

Replacements can be obtained direct from your nearest Service Depot.



Instructions for connecting cable to an alternative plug

Important: the wires in the mains lead are coloured in accordance with the following code:

| | |
|----------------|---------|
| Green & yellow | Earth |
| Blue | Neutral |
| Brown | Live |

As the coloured of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

Connect Green & yellow wire to terminal marked "E" or or coloured Green or Green & yellow.

Connect Brown wire to terminal marked "L" or coloured Red.
Connect Blue wire to terminal marked "N" or coloured Black.

If a 13 amp plug (BS. 1363) is used it must be fitted with a 13 amp fuse. A 15 amp plug must be protected by a 15 amp fuse, either in the plug or adaptor or at the distribution board.

If you are in any doubt about the electrical supply to your machine, consult a qualified electrician before use.

Instructions for Use

Water softener (fig. 3)

| Water hardness in French degrees | Setting |
|----------------------------------|--------------------------------------|
| 0 - 15°dF | No salt required. The LED remains ON |
| 15 - 40°dF | Medium setting |
| 40 - 60°dF | Maximum setting |

N.B.: the machine is factory set to maximum.

Some dishwashers are fitted with an automatic softener that removes the hardness from the water.

Hard water leaves whitish stains on dry dishes; moreover, as time goes on the dishes become opaque.

IMPORTANT INFORMATION

Please pay great attention so that after filling the salt container it is closed properly.

It is important that the wash lye does not penetrate into the salt container because if any detergent or lye does get in it could jeopardise the operation of the regenerating system.

In this case, warranty no longer holds.

The appliance is designed to adjust the right amount in relation to the hardness of the mains water (fig. 1a, 1b, 1c).

LOADING SALT

Use only regenerative salt for household dishwashers.

If salt in pastilles is used, do not fill the container fully.

Only in extreme cases use edible or industrial salt as they contain insoluble substances that with the passing of time could jeopardise the water softening system.

On the bottom of the dishwasher there is a container where salt is to be poured for regeneration.

After removing the lower basket, unscrew the container cap by turning it anticlockwise and pour in salt using the funnel supplied with the dishwasher (fig. 3).

Before screwing the cap back on, remove the deposits of salt on the container opening.

The water softener contains about 2 Kg. of salt.

Note: The first time the machine is used, besides adding salt, a litre of water must also be added.

The salt container should always be filled before a wash, in this way the overflowing saline solution is immediately removed by the water. If this solution were to remain inside the tank for any length of time, it could lead to corrosion.

How to arrange the dishes in the Dish Washer

Preliminary precautions:

- Remove all the larger pieces of leftovers and scraps from the dishes in order to avoid clogging the filter and the formation of unpleasant smells.
- If the pots and pans have pieces of burnt or cooked food stuck to them they should be allowed to soak with water before washing.

There are two baskets inside the dish washer for the dishes.

How to use the bottom basket (fig. 4 and 5)

Place very dirty dishes into the bottom basket since the washing action of the bottom sprayer is particularly strong.

The 12 standard cover version has dividers for plates and a special basket for all types of cutlery.

Plates, soup plates, dessert plates, pots and pans, lids and serving dishes should be placed in the bottom basket.

Soup and dessert plates should be placed on the appropriate dividers, remembering to leave some space between one plate and another. Plates should always be placed in an upright position to allow water to circulate freely. Pots and pans should always be turned upside down.

Dishes can be arranged in any way as long as the dirty surfaces of the dishes and the pots and pans are exposed to the jets of water from the bottom sprayers and water is allowed to circulate freely.

For best washing results, place cutlery with handles towards the bottom of the container.

How to use the upper basket (fig. 6)

The upper basket, which can be removed completely, is for small and medium sized dishes like glasses, saucers, tea and coffee cups, shallow salad dishes and slightly soiled shallow pots.

Plates should always be arranged vertically while glasses, cups, pots and pans should be turned upside down.

Place fragile dishes between the ends of the supports so that they are not moved by the jets of water. Place plates

on the appropriate dividers with the curved part of the plate turned towards the bottom of the basket.

The dish washer has a device for adjusting the upper basket into two different positions. Large plates can be loaded with the basket in the lower position. Change the position of the basket as illustrated in fig. 7.

Detergent and polisher distributor (fig. 8A - 8B)

On the inside of the door there is a detergent and polish dispenser. The dishwasher can be made with different types of dispenser. Models are illustrated in fig. 8A and fig. 8B.

To fill with detergent

This is the same for all dispenser.

Press the appropriate pushbutton to open the detergent container A " and fill with detergent; close the lid until it snaps shut.

Use approx. 25 grams of detergent for each wash.

The detergent will be introduced automatically into the water during the washing phase.

To fill with polisher

Dispenser in fig. 8A: Press the appropriate pushbutton to open the container " B " and pour in the liquid; close the lid until it snaps shut.

Dispenser in fig. 8B: Open the container by turning cap " E " in an anti-clockwise direction and pour in the liquid; turn the cap in clockwise direction to close it.

This additive is introduced automatically during the last rinsing cycle and ensures that the dishes dry quickly as well as avoiding the formation of marks and opaque lime deposits. Use only rinsing additives specifically for automatic dish washers.

Check the level of the polisher periodically through the visual display C "; when it becomes clear add extra liquid. ○ container empty ● container full.

Approx. 50 wash cycles may be carried out with a full tank.

Dispenser in fig. 8A: Regulate the quantity of polisher to be used for each cycle with pin " D " inside the load compartment.

Dispenser in fig. 8B: To adjust the dosage, rotate the plug " F " in the container to the position required.

We suggest keeping to the original position initially and after several washes it can eventually be modified as follows:

- increase the measure by one position each time if the dishes are opaque or have circular marks after washing
- decrease the measure if the dishes are sticky or have whitish stripes after washing

After having loaded the dishes, the detergent and the polisher, close the door well: the machine will not start if the door is not closed.

How to set the programme

The programme dial is on the right of the front cover. Follow the table illustrated in this booklet, especially at first **when you are not familiar with the dish washer, in order to select the best wash cycle programme.** The programmes illustrated in this table depend on the type of dishes to be washed, their mechanical and thermal resistance and on how dirty they are.

Once the most suitable wash programme has been selected, **set the programme by turning the dial until the programme number reaches the arrow.**

To Start the Dish Washer

After having followed all the operations indicated previously and after having **opened the water tap completely** start the dish washer by pressing " **start-stop pushbutton** " (Machine ON indicator light lights up).

The dish washer will now carry out the cycle which has been programmed automatically.

The machine stops automatically at the end of the cycle, but the indicator light remains on. Press the 'start-stop' pushbutton again to switch it off.

Program selection guide

| Program | Position of knob | Detergents and additives | | Type and condition of dishes | Description of program |
|----------------|------------------|--------------------------|-----------|---|--|
| | | Detergent | Rinse aid | | |
| SOAK | 1 | | | Pots and dishes for additional wash | Short cold wash cycle to prevent drying of residual food on the dishes. |
| ENERGETIC WASH | 2 | ** | * | Very dirty pots and dishes (with exception of fragile pieces) | Prewash with cold water and long wash cycle at 65°C. Two cold rinses and hot rinse cycle at 67°C. Dried with residual hot air. |
| NORMAL WASH | 3 | ** | * | Normally dirty dishes | Prewash with cold water and wash at 55°C. A cold rinse and hot rinse cycle at 67°C. Dried with residual hot air. |
| RINSES | 4 | | * | Dishes for rinsing and drying | A cold rinse and hot rinse cycle at 67°C. Dried with residual hot air. |

* Fills automatically

** Fill (recommened dosage: 25-30 gr.)

Maintenance Instructions

The following operations are for everyday use and can be done without calling the after sales service.

How to clean the sprayers

The sprayers can be removed very easily in order clean the nozzles periodically and avoid possible clogging.

Remove the upper sprayer by unscrewing the knurled nut.

To remove the bottom sprayer, simply pull it upwards.

Wash the sprayers thoroughly under a jet of water and replace them.

How to clean the filtering unit

Check the filtering unit after each wash and if necessary remove any deposits.

Dishwashers with plastic filter

Remove the circular filter " A " (fig. 9). Press the two tabs " B " (fig. 10) in order to slide off the middle filter " C ".

Remove the discharge conduit " D " (fig. 11) by pressing the two tabs " E ".

Dishwashers with stainless steel filter

Remove the circular filter " A " (fig. 12). Press the two tabs " B " (fig. 13) in order to slide off the middle filter " C " (fig. 14).

Clean the filters under running water with a hard-brush. Remember that it is essential to clean the filters as illustrated above since the dish washer will not operate if the filter is clogged.

Once the filters have been cleaned we recommend replacing them properly into the correct position in order to avoid damage to the wash pump.

How to clean the water input filter

Clean the water input filter " A " (fig. 2) placed at the mouth of the tap, periodically.

Close the tap and unscrew the end of the water discharge pipe, remove the filter and clean it very carefully under running water; replace the filter and rescrew the pipe.

Precautions and advice

The purchaser is responsible for installation.

The manufacturer assumes no responsibility for damage caused by incorrect installation or failure to complete the earthing connection as described in this booklet. Before starting the dish washer check that all the installation is correct.

If your dish washer is not working properly check the following before calling a Service engineer:

- that the door is closed properly
- that the plug has been inserted into the socket
- that the water has not been cut off
- that the filters are clean
- that the input and output pipes are not bent
- that the rotors are not jammed

Disconnect the electricity and water supplies before carrying out any maintenance operations whatsoever.

Do not put dishes made of materials (plastic etc.) or with finishes (decorations) which are not resistant in dish washers. For better washing results remove all large pieces of leftover food from the dishes before placing them into the dish washer.

Clean the external panels with a damp cloth: do not use abrasive detergents or solvents. To remove any stains from the inside surface of the tub, clean with a cloth soaked with water and a little vinegar. Clean and dry the tub thoroughly if it is not to be used for a long period of time.

If the machine is not to be used for a long period of time, disconnect the electricity and water supplies, fill with rinse aid, leave the door slightly open to avoid the formation of bad smells. Remember to always leave the door slightly open when the machine is not used between one wash cycle and the next.









