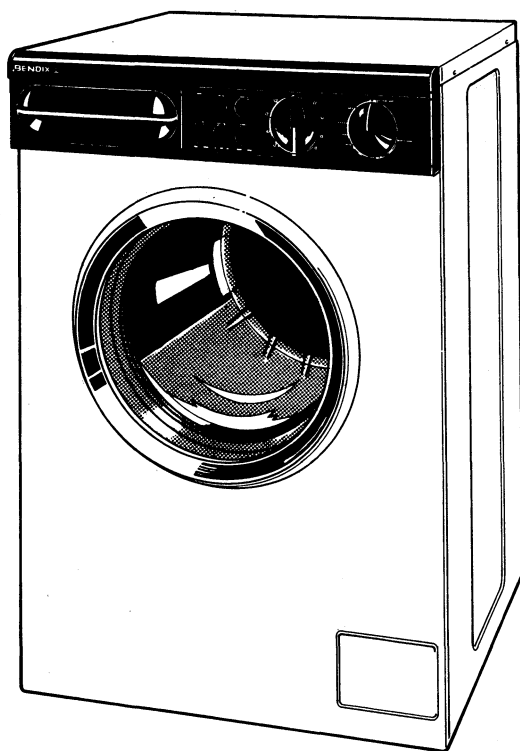


The new
BENDIX
autowasher
electronic



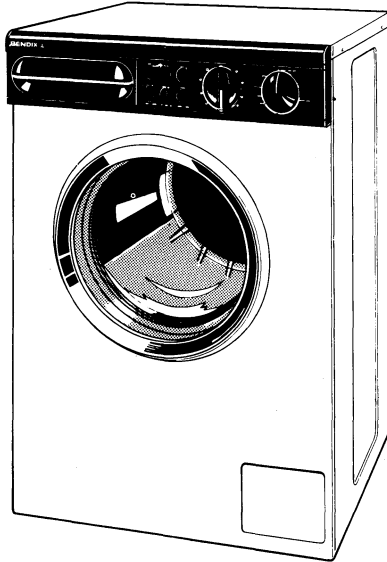
Model 7168

Made in Italy



autowasher electronic

Model 7168



You are now the proud owner of a Bendix Autowasher electronic, you will be pleased to find that it washes, rinses and spins without you having to handle the clothes in between times.

You will obviously want to obtain the best possible wash. By reading and following the instructions in this booklet you will achieve excellent results.

Please ensure that the Installation Instructions supplied have been carried out.

If you should need any further advice or assistance please contact the Bendix agent from whom your machine was purchased or your nearest Bendix Service Depot, listed in the telephone directory under Bendix appliances.

Height, overall (H)	850 mm	33½ in	Electrical loadings	
Width (W)	595 mm	23 ½ in	Heater	2.5 kW
Depth - door closed (D)	572 mm	22½ in	Motor - tumble	250W
- door open (d)	960 mm	37¾ in	- spin	300W & 550W
Weight - empty	91 kg	200 lb	Drain pump	95W
- dry load	4.5 kg	10 lb		

Connecting to power

Before switching on make sure that the voltage of your electricity supply is the same as that indicated on the rating plate.

WARNING: THIS APPLIANCE MUST BE EARTHED

If this appliance is fitted with a non-rewireable plug for which your socket is unsuitable the plug should be cut off and an appropriate plug fitted. The removed plug should be disposed of as insertion of the plug into a 13 A socket is likely to cause an electrical hazard. If it is necessary to change the fuse in a non-rewireable plug the fuse cover must be refitted. If the fuse cover is lost or damaged the plug must not be used until a replacement is obtained. Replacement fuse covers are available from THORN EMI Domestic Appliances Ltd., Service Division, Limberline Road, Hilsea, Portsmouth, Hampshire Telephone: 0705 664466. It is important that the colour of the replacement fuse cover corresponds with the colour marking on the base of the plug.

IMPORTANT - The wires in the mains lead are coloured in accordance with the following code:-

GREEN AND YELLOW	EARTH
BLUE	NEUTRAL
BROWN	LIVE

As the colours of the wires in the mains lead of this appliance may not correspond with the colour marking identifying the terminals in your plug proceed as follows:-

The wire which is coloured green and yellow must be connected to the terminal which is marked with the letter 'E' or by the 'Earth' symbol \perp or coloured green or coloured green and yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red.

The appliance must be protected by a 13 A ASTA approved (BS1362) fuse if a 13 A (BS1363) plug or a non-rewireable plug is used or if any other type of plug is used by a 15 A fuse either in the plug or adaptor or at the distribution board.

This appliance complies with the EEC Radio Interference Directive 76/889/EEC.

Know your BENDIX autowasher electronic

DETERGENT DISPENSER

The detergent dispenser is designed so that detergents and additives will flush automatically into your machine. It is divided into three compartments 'A' for pre-wash or bio, 'B' for main wash powders and 'C' for additives. i.e. fabric softeners such as Comfort. At the end of the wash programme, any remaining water will be automatically syphoned out leaving the dispenser ready for the next wash.

* **See Note**

BUTTONS

Start

Press to start the machine after programme selection (see pages 8 & 9 for full procedures). Unless otherwise programmed the machine will automatically commence with a pre-wash. By keeping this button depressed the programme may be advanced past any stage not required, with the exception of the final spin.

Bio Wash

Push for a bio-wash, otherwise the machine will commence with a pre-wash.

Half Load

When pushed this limits the quantity of water to be heated. Suitable for smaller loads.

Door

To open the door first ensure that the machine is connected to the power supply, and switched on and a programme selected. Then firmly press the button. NOTE - It is not possible to open the door once the programme cycle has started.

Heater Off

When selected, the machine will wash at the temperature of the water entering the machine unless this is less than 30°C.

Low Temp

If selected the wash temperature will be reduced, thus saving electricity. By way of compensation the wash agitation time is increased.

INDICATOR LIGHTS

'Door'

Glows when the Wash Timer Dial is in the 'O' position and a programme has been selected. At the end of a wash cycle it indicates the programme is complete and the door may be opened.

'Heater'

Glows to indicate when the wash water in the machine is being heated to the temperature required for the best wash results.

'Pause'

Synthetic programmes 3, 4, 6, 8, 9 incorporate a 'Pause' feature to prevent creasing. The clothes are held in the final rinse water. To complete the programme the **Start** button should be pressed.

PROGRAMME SELECTOR

Use this to select the wash programme required. A useful guide for matching fabrics to wash programme can be seen on pages 8 & 9.

WASH TIMER DIAL

Shows how far through the wash programme your machine has progressed.

* Note

The detergent dispenser drawer and housing should be cleaned to prevent a build up of detergent and fabric softener. This dispenser drawer is easily removed by pulling out. Rinse the dispenser drawer under the tap, dry and replace by inserting in the opening and pushing home.

Drain Screen

The removable drain screen which protects the pump from lint and foreign matter needs to be cleaned periodically. How often will depend on your wash load, e.g. cotton towels and nappies cause more lint to collect than nylon loads. Open the service door by pressing on the right hand side. Turn anticlockwise and pull the drain screen out. Have a cloth or shallow tray under the drain screen housing, as a small quantity of water may run out. You may find it helpful to first set the machine to spin then remove the drain screen. This procedure reduces the amount of water released. Clean the screen under running water to help remove the trapped lint. Replace the screen by sliding back into the housing. Lastly turn clockwise to secure. Under no circumstances should the drain screen be removed whilst the machine is full of water.

Transit Brackets (as shown in the Installation Instructions)

These **must** be disengaged before use.

Drain and Fill Hoses

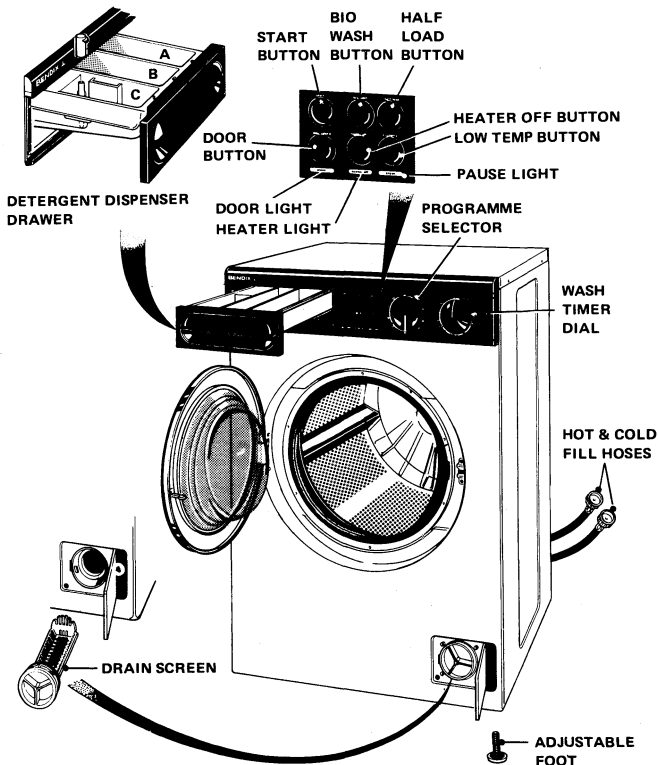
It is vital that these are not kinked or the machine will not operate correctly.

Adjustable Feet

It is important that the machine is stable and level during operation. To help you obtain these conditions the machine is fitted with adjustable front feet. Before you adjust the feet, however, make sure you have fitted the rubber cups onto the four feet. To prevent the cups being pulled off during moving the machine to its final site, you can, if you wish, stick the rubber cups to the feet with a little Bostick impact adhesive.

To adjust the feet, loosen the locking nuts and adjust both feet to give a level and stable position and then retighten the locking nuts.

Note: If the appliance is to be located on an area which is carpeted, then we recommend the use of a piece of hardboard beneath the machine in its final resting position to help you locate the machine correctly.



Using your BENDIX autowasher electronic

Always use a low sudsing detergent in your machine, e.g. Persil Automatic, as these are specially formulated to work in conjunction with your Autowasher electronic machine to give the best results.

Initially water enters the machine and flows directly to the drum bypassing the detergent dispenser, preventing waste of detergent into the sump. Detergents will then be flushed automatically into the machine from the detergent dispenser. The suds level should never rise more than halfway up the porthole. Too much foam will not only impede the wash action of your machine but will rise through the detergent dispenser and make a mess on the floor!

If this should happen clear excessive suds by advancing the Wash Timer Dial to the beginning of the first rinse and allow the machine to rinse out.

The following quantities of powder are a guide for average water supplies. If the water is very hard more powder may be needed. If very soft less will be needed. If you are in doubt refer to the instructions on the packet.

Main Wash 200g (7oz)

If you have a more heavily soiled load and decide to use the pre-wash before a main wash use approximately one third of the powder in the pre-wash compartment 'A' of the dispenser and the remaining two thirds in the main wash 'B' compartment.

Note: an average teacup holds (2½-3 oz) 75g-90g.

Fabric Softeners e.g. Comfort

All fabrics particularly towels and nappies, benefit from the use of fabric conditioners in the final rinse. Items of laundry feel softer, are more easily ironed and the clinging effect of synthetics is considerably reduced.

To Use: Pour the conditioner into the "Additives" compartment "C" of the detergent dispenser to the level indicated on

the syphon. Under no circumstances overflow, as the conditioner will immediately be syphoned into the machine.

Preparation Before You Wash

Many garments carry a label under the International Textile Care Labelling (ITCL) scheme indicating the correct type of wash treatment required. You will find that this label corresponds to the Wash Chart on Pages 8 & 9.

Sort your washing according to the Care Label number given on the garment, or if absent, according to the fabric and type of wash treatment required. Your Bendix Autowasher electronic takes up to 10 lb (4.5 kg) dry weight of cotton clothes.










If you decide for one reason or another to mix fabrics, always use the wash programme for the most delicate fabric in the load. For example a wash load made up with fabrics from the wash groups 1 and 2 should be washed on 2, similarly a wash load with fabrics from 3 and 4 should be washed on 4 etc. White nylon, polyester/cotton articles and delicate items i.e. programmes 3, 4, 6, should be washed separately.

Make sure that all pockets have been emptied, zips fastened and apron strings tied. Remove pins and other small objects which could harm clothes if they become separated in the machine.

If possible make up loads of similar soiling keeping heavily soiled items separate from lightly soiled clothes. Heavily soiled parts such as shirt cuffs and collars may be pre-treated by brushing with a solution of detergent and water.

Stain Removal

Most household stains come out in the normal wash, but there are some which require special treatment. See page 10.

Programme	Fabric	Biowash 30°	Prewash 30°	Main Wash	Low Temperature	N
	Whites, cotton & linen	Yes, select if required	Yes, select if required	95°C	60°C plus extended wash period	
	Colour fast cotton and linen	Yes, select if required	Yes, select if required	60°C	50°C plus extended wash period	
	White nylon, Sturdy synthetics	Yes, select if required	Yes, select if required	60°C	50°C plus extended wash period	
	Coloured nylon, Polyester, cotton mixtures, terylene drip dry	Yes, select if required	Yes, select if required	50°C	40°C plus extended wash period	
	Non-colour fast cotton and linen	Yes, select if required	Yes, select if required	40°C	30°C plus extended wash period	
	Delicate fabrics	Yes, select if required	Yes, select if required	40°C	30°C plus extended wash period	
	Machine washable woollens	No	No	40°C	30°C	
	Silks and printed acetate fabrics	No	No	30°C	No	
	Cotton articles with special finishes capable of being boiled, but requiring drip drying	Yes, select if required	Yes, select if required	95°C	60°C plus extended wash period	

Note

The heater will not operate once the 'No Heat' button is depressed unless the incoming water temperature is in the programme selected.

lux Programme Guide

Number of Rinses	Rinse and Hold	Spin RPM	Full Load	Half Load	Notes
3	No	1000	10 lb (4.5 kg)	6 lb (2.7 kg)	A very high temperature maximum wash action which allows oxygen bleaches to work to maximum effect. Keeps whites white.
3	No	1000	10 lb (4.5 kg)	6 lb (2.7 kg)	A hot wash with maximum wash action to keep colours bright and fresh looking.
3	Yes	500	4½ lb (2 kg)	2 lb (1 kg)	A hot wash with medium wash action for white nylon and white polyester/cotton mixtures. Always wash white nylon separately as it picks up dyes from coloured synthetics.
3	Yes	500	4½ lb (2 kg)	2 lb (1 kg)	A warm wash with medium wash action to preserve the appearance of coloured synthetic fibre and cotton mixtures.
3	No	1000	10 lb (4.5 kg)	6 lb (2.7 kg)	A tepid wash with maximum wash action to prevent the transfer of colour from non fast coloured cottons and linens etc.
3	Yes	500	4½ lb (2 kg)	2 lb (1 kg)	A tepid wash with a minimum wash action to care for delicate fabrics.
3	No	1000	3¼ lb (1.5 kg)	No always use full load setting	A tepid wash with special wash action approved by I.W.S. to care for machine washable woollens.
3	Yes	500	3¼ lb (1.5 kg)	No always use full load setting	A cool wash with a special short wash cycle for the special care of silk and printed acetates.
3	Yes	500	10 lb (4.5 kg)	6 lb (2.7 kg)	A very high temperature maximum wash action to care for white cotton articles with special finishes.

less than 30°C. The wash load will be washed at the temperature of the incoming water, regardless of the

Stains

Coffee, Tea, Fruit, Wine,	These are usually removed in the wash. For old stains, soak, then launder in the usual way.
Grass, Ink, Ballpoint	Dab with methylated spirits over a soft cotton pad, then launder in the usual way. Do not use methylated spirits on Tricel. Treat ink stains on Tricel with glycerine.
Tar	Scrape off excess, dab with petrol, over a soft cotton pad. (Caution. Petrol is inflammable).
Scorch	Moisten light stains and soak in glycerine then wash. If stains remain, soak in one part hydrogen peroxide to nine parts water; wash through and rinse thoroughly.
Iron Mould	Soak light stains in lemon juice, press between damp cotton, repeat if necessary.
Grease, Fat, Lipstick Blood, Egg, Milk Cream, Meat Juice	Treat with a proprietary grease solvent. Soak, then launder in the usual way.
Mildew	Treat with peroxide. Soak (using one part hydrogen peroxide to nine parts water), rinse well. Care must be taken with coloured fabrics.

Before washing your coloured garments - check that the colours are fast!

Usually it is recommended that coloureds be washed separately from whites, but some fast dyed items i.e. sheets, towels can safely be washed together with your family household linen.

Non-fast coloured articles should be washed at the recommended temperature.

When using a stain remover, follow the maker's directions carefully. Never use full strength bleach on any fabrics.

Rinse thoroughly after any special treatment. Chemicals left in fabrics can weaken or destroy some fibres. Test delicate fabrics for possible damage to fibres before tackling the stained area.

For Especially Stubborn Stains or Soil

Use the 'Low Temperature' feature to give an extended wash time e.g.

Programme (I.T.C.L.C.)	Programme to Select for Extended Wash
1	Set normally to allow temperature to rise, for 15 mins. Press 'Low Temp' button
2	Set 1 and press 'Low Temp' button
3	Set 9 and press 'Low Temp' button
4	Set 3 and press 'Low Temp' button
5	Set 4 and press 'Low Temp' button
6	Set 4 and press 'Low Temp' button
7	Not available
8	Not available
9	As 1

Opening the Door

To open the door, plug in the machine and switch on the socket. Select any programme, then press button marked '**Door**'.

Loading the Drum

When you have a large wash load made up of shirts, towels, pillowcases, pyjamas and other similar small items, pack them loosely into the drum.

Large items, a candlewick bedspread for instance, should be washed individually.

When washing a mixed load, put medium and small sized items into the drum alternately. A sheet should be picked up by the centre tentwise, shaken and then folded, pressing out the air.

Wash Programme

The choice of programmes on your machine enables you to select the best programme for your wash load. The programmes on the Programme Selector correspond to the Care Labelling Code of the International Care Labelling Scheme. See the chart on pages 8 & 9.

Bio Wash

It could be that you have items of laundry which would benefit from a Bio-wash, e.g. blood, gravy, egg stains etc. Follow the above procedure, making sure that the low suds bio detergent goes into the detergent dispenser compartments A.

Press in the Bio Button to reveal the green indicator. Start the machine by pressing the '**Start**' button. The Bio wash lasts for approximately 50 minutes, after which time your machine will complete the selected programme.

Pre-Wash

On heavily soiled wash loads a Pre-wash will help to obtain a better wash. It will disperse any superficial dirt and help loosen soil ready for the main wash. It can be used in conjunction with most wash programmes - synthetics as well as natural fibres.

For a Pre-wash do not press the Bio Button (the green indicator should **not** be visible.)

Start the machine by pressing the '**Start**' button. The Bio-wash and Pre-wash start at the same position with a pre-fill. Once the water has been heated to the correct temperature the machine automatically advances to the beginning of the Pre-wash.

The Pre-wash will take approximately 12-14 minutes after which time your machine will complete the selected programme.

Main Wash

To start the machine without a Bio-wash or pre-wash ensure that the Programme Selector knob is turned to the desired programme, and the correct quantity of low suds detergent is in the main wash compartment 'B' of the detergent dispenser.

Press the '**Start**' button until the pointer of the Wash Timer Dial reaches the beginning of the main wash section which will commence with a pre-fill.

Pre-Fill

At the start of the Pre-wash/Bio-wash and Main wash the machine will pre-fill. This means that initially water will flow into the machine bypassing the soap dispenser. This will prevent loss of detergent into the sump.

Woollens

Your Bendix Autowasher electronic has a programme for woollen articles which has been approved by the International Wool Secretariat for machine washable articles.

Turn the Programme Selector to Woollens (7). This will automatically ensure that the woollens will only be washed in full depth of water. After loading, press the '**Start**' button and the machine will automatically advance to the beginning of the main wash section. Don't wash woollens in your Bendix unless the garment is labelled 'Machine Washable'.

This means that it has been especially treated to minimise shrinkage. However, it is advantageous to spin any woollen articles that have been washed and rinsed by hand, as this removes most of the excess water.

Set to Programme 7 and advance (by pushing '**Start**' button) to the beginning of spin. After spinning remove from the drum, pull into shape and dry flat if possible avoiding direct heat. Dry woollens carefully to help preserve their texture and shape.

Do not be tempted to put woollen garments into any tumble drier as shrinkage and felting will result.

Blankets

Blankets that are labelled 'Machine Washable' can be safely washed on Programme 7 (40°C). The water level should not be set at '**half load**'. Most blanket manufacturers issue specific treatment for their products. Sometimes they will stipulate hand washing or dry cleaning. This particularly applies to wool cellular and honeycomb blankets which should not be machine washed.

Before washing your coloured garments - check that the colours are fast. Usually it is recommended that coloured items be washed separately from whites, but some fast dyed items, i.e. some sheets, towels can safely be washed together with your family household linen.

Rinsing

All wash cycles automatically include 3 deep rinses and the programmes for natural fibres go on to spin automatically. It is during the last of the 3 rinses that any additives e.g. fabric softener are taken into the machine. The 5 programmes for synthetics and delicate fabrics (see pages 8 & 9) have a pause feature, giving 3 rinses and then retaining the last rinsing water. This feature prevents excess creasing. When you are ready to remove the clothes from the machine press the '**start**' button to advance the programme to spin. The programme is then automatically completed.

Items that have been hand washed can be rinsed and spun in your Bendix. Just select the programme to suit the fabric and advance the Wash Timer Dial to the beginning of the final rinse, by pressing the '**start**' button.

Spin

The spin speed is automatically selected by the programme chosen. (See Wash Programme chart.) To spin items that have been hand washed, select the programme according to the type of fabric required, load the clothes into the drum and advance the programme to the beginning of 'spin' by pressing the '**start**' button.

BEFORE USING CHECK THAT

1. The machine is plugged in and switched on.
2. Both HOT and COLD stopcocks are fully open (unless a cold water adaptor has been fitted. Bendix Part No. 25115).
3. The hoses are not kinked.
4. The laundry is loaded into the machine and the door is closed firmly.
5. The appropriate amount of detergent and fabric softener has been added to the detergent dispenser.
6. The '**half load**' button has been pressed where appropriate.
7. If a Pre-wash or Bio-wash is necessary, then the button is set accordingly.
8. The '**Low Temp**' or '**Heater Off**' button has been set where appropriate.

Note: After the programme has finished the Wash Timer Dial has reached the '**O**' position.

Before attempting to open the door again ensure that a programme has been selected.

AFTER USE

1. Turn off the hot and cold stopcocks to the machine.
2. Make sure that both the Programme Selector and Wash Timer Dial are at the 'O' position, and that the '**door**' light has come on before attempting to open the door.
3. Switch off and disconnect from the power supply.
4. Leave the porthole door slightly ajar to help machine to dry out.

SAMPLE LOAD

Details of a sample wash are given below.

Fabrics

Coloured nylon/polyester cotton and rayon articles with special finishes. Programme 

Treatment Required

Bio-wash, main wash rinses and spin.

Maximum Weight of load

4 ½ lb (2 kg) for synthetics (we recommend a reduced maximum load to help prevent creasing).

1. Plug in and switch on at the socket.
2. Select Programme 4.
3. Open the door by pressing the button marked '**door**'.
4. Load the laundry into the drum.
5. Push the door closed.
6. Place the correct quantity of detergent into the pre wash and main wash compartments A and B.
7. Measure fabric conditioner into section C.
8. Press '**bio wash**' button.
9. Press '**start**' button.
10. The programme will commence with a pre-fill and continue into '**bio wash**'.

Guide to wash load weights

Regular Wash	Sheet ... Cotton	(D)	2½lb.	1.1 kg	
		(S)	1½lb.	670g	
	Other than cotton	(D)	1½lb.	670g	
		(S)	1¼lb.	560g	
	Cot Sheet		6oz.	170g	
	Pillowslips Cotton		4oz.	113g	
	Others		3oz.	85g	
	Bath Towel		1½lb.	670g	
	Hand Towel		9oz.	255g	
	Tablecloth Small		8oz.	227g	
	Large		1½lb.	670g	
	4 table napkins		6oz.	170g	
	Personal	Shirt ... Cotton		10oz.	283g
		Others		7oz.	198g
Blouse ... Cotton			5oz.	142g	
Others			4oz.	113g	
Cotton Vest			4oz.	113g	
Underslip			4oz.	113g	
Panties			2oz.	56g	
Bras			1oz.	28g	
Pyjamas			12oz.	340g	
Nightdress			5oz.	142g	
Socks ... Long 2 prs.			6oz.	170g	
Short 2 prs.			3oz.	85g	
6 Hankies			3oz.	85g	
1 doz. Nappies			2½lb.	1.1kg	
Special Wash	Candlewick Bedspread				
	Double		7lbs	3.18kg	
	Single		5lbs.	2.27kg	
	Blanket ... Wool		4¼lb.	2kg	
	Acrylic		3¼lb.	1.5kg	
	Dress ... Cotton		12oz.	340g	
	Others		12oz.	340g	
	Sweater ... Wool		14oz.	400g	
	Others ... Heavy		12oz.	340g	
	Lightweight		6oz.	170g	
	Crimplene Suit				
	H/W		3lb.	1.36kg	
	Lightweight		2lb.	910g	
	Skirt		7oz.	198g	

What's gone wrong?

If your machine won't work, check the following list and make sure that you haven't overlooked anything which might prevent your Bendix from functioning. It will certainly help you and us.

1. Check that your Bendix is plugged in and switched on.
2. Check the 13 amp fuse in the plug. You could try another appliance from the same outlet in case the main fuse has blown.
3. Be sure that the hot and cold taps have been turned on fully.
4. Have you selected the Programme?
5. Look to see if the door is fully closed. The door safety switch prevents the heater and motor operating if the door is open.
6. Is your machine overloaded? If so the motor protector switch will stop the motor. If overloading is the problem simply remove some of the clothes taking care not to scald yourself in doing so.
7. Check that the drain and fill hoses are not kinked and have been fitted correctly (this is a very common cause particularly if the machine has been moved for any reason). Does the drain screen need cleaning? (See page 6 but first drain off any water in the appliance).

If your machine still does not work after checking the list contact your nearest Bendix Service Branch. See list on page 16. Or look under Bendix Appliances in the telephone book.

Note If on making a service call, our engineer discovers that the only attention required is to remedy one of the above conditions, a charge will be made whether the machine is in or out of the guarantee period, or under Service Contract.

Moving House

If you plan to move, contact your authorised Bendix Serviceman to see what should be done before and during the moving of your machine, particularly in respect of refitting the transit brackets/bars.

