INSTRUCTIONS

MODEL: AWB3 & AWB6
WATER BOILER

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Customer Information

MODEL NUMBER: _____
SERIAL NUMBER: _____
PURCHASE DATE: _____
DISTRIBUTOR: _____

SAFETY INSTRUCTIONS

IMPORTANT, PLEASE READ INSTRUCTIONS FULLY BEFORE USE

This appliance has been designed to heat water and therefore during its use parts of the appliance will become very hot. All personnel must be given sufficient supervision and training in the safe use of this appliance.

Caution should be taken when using this appliance due boiling water being present.

ALL APPLIANCES OTHER THAN THOSE FITTED WITH A SEALED MOULDED PLUG MUST BE FITTED BY A QUALIFIED ELECTRICIAN, IN ACCORDANCE WITH CURRENT REGULATIONS.

The unit should be installed in compliance with the INSTALLATION INSTRUCTIONS and the NATIONAL REGULATIONS in force at the time. Particular attention should be paid to the Health and Safety at Work Act.

To prevent shocks, all appliances whether gas or electric, must be earthed.

To avoid scratching the highly polished exterior surface of this equipment whilst in transit, the protective film on the exterior surfaces has NOT been removed.

It is IMPORTANT that this protective film is peeled off before the equipment is used.

ENSURE THE APPLIANCE IS ISOLATED FROM THE POWER SUPPLY BEFORE INSTALLING, CLEANING OR MAINTAINING THE APPLIANCE

MODEL AWB3 & AWB6

This product has been designed, constructed and marketed in compliance with safety requirements of :
EEC Directive "Low voltage" 73/23;
EEC Directive 93/68.

This product is suitable for contact with foodstuffs, and complies with **EEC Directive 89/109.**

The product(s) stated above are designed and built to comply with the following standards:
BS EN 60335-1
WRAS Approved

GENERAL INFORMATION

Installation of water boilers must comply with the requirements of the water supply (water fittings) regulations 1999.S/1999 No. 1148 and incorporating amendment s/1999 No. 1506.

These machines are fully automatic and must be plumbed into the mains supply by a QUALIFIED PLUMBER.

Hard water will reduce the life span of your water boiler through build up of scale inside the tank and on the element.

Parry Group Ltd strongly recommend the introduction of a water softener in hard water areas.

TECHNICAL DATA

AWB3

Nominal Voltage: 240 V ~ 50 Hz
Nominal Current: 12.5Amps
Nominal Wattage: 3 kW
Min / Max water pressure: 1 – 10 Bar
Water Capacity: 11.5 litres
Dimensions (mm): 260 w X 505 d X 614 h
Weight: 12 kg

AWB6

Nominal Voltage: Single Phase 240 V ~ 50 Hz
Nominal Current: 25Amps
Nominal Wattage: 6 kW
Unit must be hard wired to suitable isolator / spur
Min / Max water pressure: 1 – 10 Bar
Water Capacity:14.6 litres
Dimensions (mm): 315 w X 505 d X 614 h
Weight: 14 kg

INSTALLATION INSTRUCTIONS

ELECTRICAL INSTALLATION

ALL APPLIANCES OTHER THAN THOSE FITTED WITH A SEALED MOULDED PLUG MUST BE FITTED BY A QUALIFIED ELECTRICIAN, IN ACCORDANCE WITH CURRENT REGULATIONS.

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AWB3 - Plug the appliance in to a 13amp socket.
AWB6 - This appliance will need installing by a qualified electrician.

WATER INSTALLATION

IMPORTANT NOTICE

Hard water can shorten the life of your appliance through the build up of lime scale in the tank and around the heating element.

Parry Group Ltd strongly recommends that you use a food quality water softener or scale reducer.

Provide a water stop cock next the appliance.

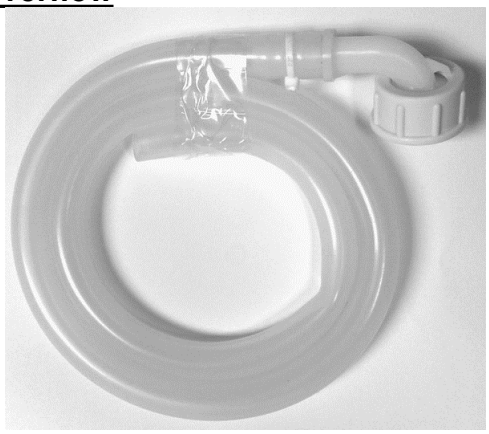
Water Inlet

Supplied with boiler

The appliance is fitted with ¾ BSP water connections. Connect using the hose supplied.

If fitting a different hose to the one supplied please use food grade quality hose. Failure to use food grade quality hose will cause a bad taste or contaminate the water.

Overflow

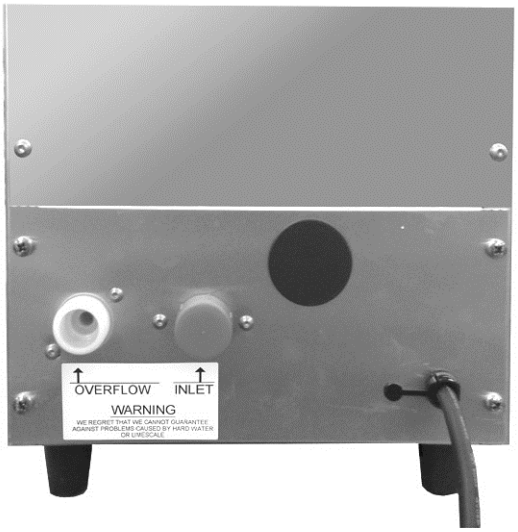


Supplied with boiler

The appliance is fitted with a ¾ BSP fitting for the overflow.
To prevent the possibility of flooding in the event of component failure, Parry Group Ltd strongly recommend that the overflow be plumbed to a suitable drain.

During operation there will be an occasional small discharge of steam and condensation from the overflow connecting the overflow will eliminate any inconvenience caused by this.

Parry Group Ltd cannot be held responsible for any problems arising as a result of failure to fit a suitable overflow hose.



Connect the overflow pipe to the left hand side port.

Fit overflow to a suitable drain.

Remove red cap and connect water inlet hose.

Connect water inlet hose to ¾ BSP water connection.

Under no circumstances should the overflow be blocked or capped off. This will invalidate your Guarantee.

OPERATING INSTRUCTIONS

FOR FITTING INSTRUCTIONS SEE INSTALLATION SECTION.

OPERATION

Upon the completion of installation, turn on the water supply and the electrical supply.

Turn on the power switch located at the front of the appliance.

The indicator lamp will cycle through a series of colours for 4 seconds whilst the unit does a self diagnostics check.

The indicator lamp will glow yellow to show that the appliance is filling to the low level sensor.

When the water level is reached the indicator lamp will then glow blue, to indicate that the heating cycle has commenced.

As the temperature of water increases the indicator lamp will slowly change colour from blue through to red. On first installation, please wait for approximately 25 minutes before use as this will allow the appliance to fill completely and be at full working temperature.

Please note the appliance does not completely fill at once it is controlled electronically.

Place cup or container under the tap and pull the lever towards you to dispense hot water.

If the indicator light shows different colours to those described above then please refer to fault diagnostics on page 10 & 11 of this instruction booklet.

CLEANING AND MAINTENANCE

ENSURE THE APPLIANCE IS ISOLATED FROM THE POWER SUPPLY BEFORE INSTALLING, CLEANING OR MAINTAINING THE APPLIANCE

Ensure that the appliance has cooled sufficiently.

Cleaning should be carried every day. Clean the external surfaces of the appliance with a damp cloth. Avoid using abrasive materials.

CAUTION: Never clean the appliance with water jets.

Appliance should be annually P.A.T (Portable Appliance Testing) tested for continued electrical safety.

DE-SCALING

Your appliance should be periodically checked for scale build up. The frequency depends upon the hardness of the water, the throughput and whether or not an effective water softener or scale reducer is fitted.

Disconnect the appliance from water and electrical supply.

Lift off the top lid and unscrew the four screws holding down the tank cover.

Remove the two inner stainless steel trays.

Drain water from the tank.

It is important that the two sensors and their holders are free from scale.

Remove loose scale by hand and hard scale by use of suitable de-scaling powder or liquid. Please refer to the guidelines of the de-scaling product for correct use.

Rinse the tank thoroughly with water to ensure that all of the de-scaling product is removed before use.

Replace inner trays and tank cover, secure with the four screws and replace the lid.

MAINTENANCE INSTRUCTIONS

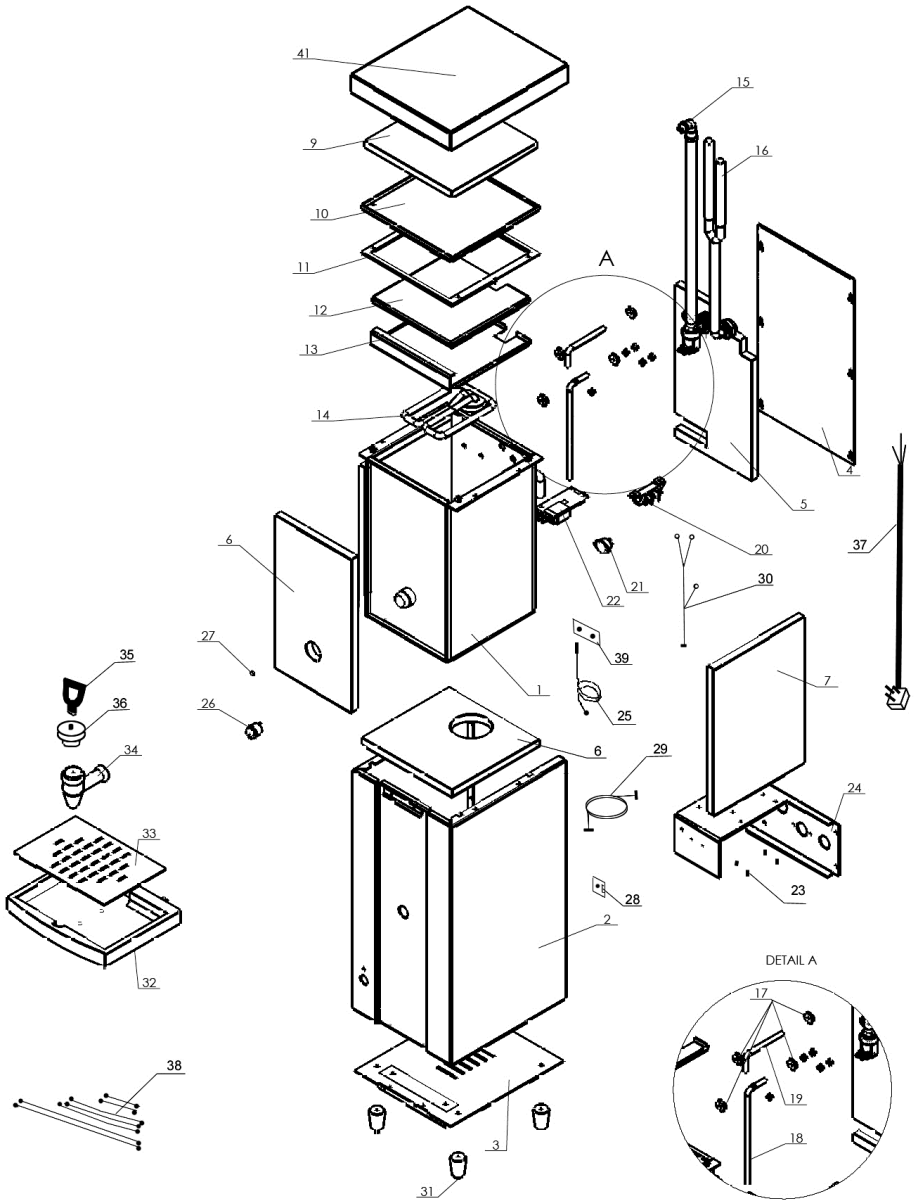
Servicing

This appliance should be routinely serviced to prolong its lifetime. Parry recommends that the appliance is serviced every 12 months by a Parry authorised engineer. Failure to service your product within the initial 12 month warranty period will cause the 24 month warranty to become void.

MAINTENANCE AND SERVICE MUST ONLY BE UNDERTAKEN BY A QUALIFIED ELECTRICIAN / ENGINEER

IF THE SUPPLY CORD BECOMES DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, ITS SERVICE AGENT OR SIMILARLY QUALIFIED PERSONS IN ORDER TO AVOID A HAZARD

EXPLODED VIEW (VIEW AWB3 ONLY ADDITIONAL PARTS FOR AWB6 ARE SHOWN ON PAGE 10)



PARTS LIST

NO.	Description	AWB3 Part Code	AWB6Part Code
1	Tank Assembly	AWB3-2 TANK ASSY	AWB6-2 TANK ASSY
2	Body	AWB3-2 BODY	AWB6-2 BODY
3	Base	AWB3-2 BASE	AWB6-2 BASE
4	Back Panel	AWB3-2 BACK	AWB6-2 BACK
5	Rear Insulation	AWB3-2POLYB	AWB6-2TBACK
6	Front Insulation	AWB3-2POLYFRONT	AWB6-2TFRONT
7	Side Insulation	AWB3-2POLYSIDE	POLYSIDE3-2
8	Bottom Insulation	AWB3-2POLYBASE	AWB6-TBASE
9	Top Insulation	AWB3-2POLYLID	AWB6-3TLID
10	Tank Lid	AWB3-2TANK LID	AWB6-2TANKLID
11	Tank Gasket	AWB3-2GASK	AWB6-2GASK
12	Top Condensate Tray	AWB3-2INNERSTEAMLID	AWB6-2TANKINNERSTEAMLID
13	Bottom Condensate Tray	AWB3-2CONDENSINGLID	AWB6-2 CONDENSING LID
14	3kW Element	AWB3-2ELEM	ELBW03000
15	Inlet Solenoid + Hose	AWB3-2HOSE	AWB3-2HOSE
16	Overflow / Steam Hose Assembly	AWB3-2SILTUBE	AWB3-2SILTUBE
17	Washer Set	WASHERSET	WASHERSET
18	Lower Level Probe	BARCTBAWB	BARCTBAWB
19	Upper Level Probe	BARTHRED2	BARTHRED2
20	Terminal Block	TB3POLETT	TB3POLETT
21	Triac	TRIACAWB6	TRIACAWB6
22	PCB Controller	AWB3-2PCB	AWB3-2PCB
23	PCB Support Post (4 Per)	SPACERPCB	SPACERPCB
24	PCB Mounting Plate	AWB3-2LOWERBACKPANEL	AWB6-2 LOWER BACK PANEL
25	Temperature Sensing Probe	AWB3-2THERM	AWB3-2THERM
26	Switch + Cover	AWB3-2SWITCH & AWB32SWITCHCOVER	AWB3-2SWITCH & AWB32SWITCHCOVER
27	LED Lens Cover	AWB3-2LENC	AWB3-2LENC
28	LED Board		
29	LED Link Cable		
30	Probe Cable		
31	Foot	FOOTAGH	FOOTAGH
32	Drip Tray Moulding	DRIPTRAY1	DRIPTRAY1
33	Drip Tray Plate	AWB3DRIPTRAY	AWB3 DRIP TRAY
34	Tap	TAPMODELS	TAPMODELS
35	Tap Handle	TAPMODELS	TAPMODELS
36	Tap Seal	TAPMODELS	TAPMODELS
37	Mains Lead	MLEAD25	MLEAD25
38	Wiring Loom	AWB3-2LOOM	AWB6-2LOOM
39	Probe Retaining Plate + Insulation	ALUMTAPE1	ALUMTAPE1
40	Water Inlet Hose 1.5m	HOSE01500	HOSE01500
41	Exterior Lid	AWB3-2TOP	AWB6-2 TOP

FAULT DIAGNOSTICS

The appliance will not work.

- Check that the power switch is turned on to the appliance and the power is in the on position.
- Replace the fuse in the moulded plug (Only applies to AWB3).
    - If there is still a problem call engineer.

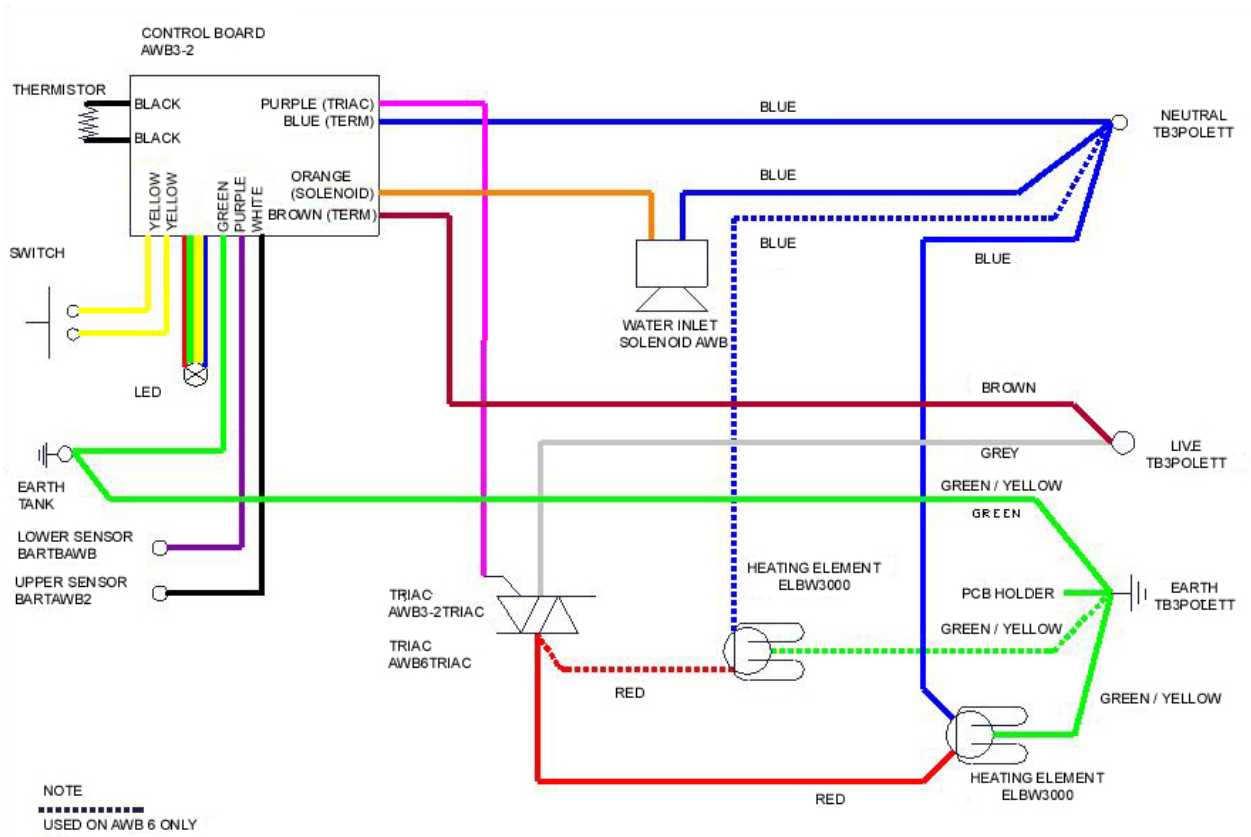
All other faults will be indicated by the lamp indicator on the front of the appliance.

Table of indications are shown below:-

LED COLOURS	OPERATION / CONDITION
CYCLES THROUGH COLOURS	On initial power up. (Self Diagnostics)
YELLOW	Filling (Need to fill within 40 sec.)
BLUE→PURPLE→RED	Heat up cycle from power up.
RED	Boiler has reached operating temperature.
GREEN	Boiler needs de-scaling. The boiler will still continue to work but unit must be de-scaled in near future.
PURPLE	The boiler cannot get water from the supply quick enough to achieve its full capacity
• Check water supply is connected / turned on to unit. • Check that the inlet hose is not kinked or trapped.	
YELLOW / RED FLASH	Boiler could not fill on initial power up..
• Check water supply is connected / turned on to unit. • If water supply is turned on and problem still persists call engineer	
PURPLE / RED FLASH	The heater has failed to heat the tank in time. (Approx 15 minutes)
• Call Engineer	
GREEN / BLUE FLASH	The water has failed to reach temperature in 120 minutes.

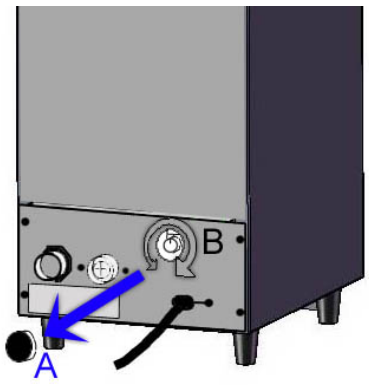
• Call Engineer	
RED / WHITE FLASH	This indicates the thermistor has reported a reading of less than approx 50 degrees during operation.
• Call Engineer	
BLUE / RED FLASH	Thermistor is short circuited. (Faulty)
• Call Engineer	
GREEN / RED FLASH	Thermistor is open circuit. (Faulty)
• Call Engineer	

WIRING DIAGRAM



MANUAL ADJUSTMENT OF TEMPERATURE

This appliance has been factory set to electronically regulate the temperature of the water. If due to any circumstance where the temperature of the water is too high or too low it can be adjusted manually. This does not require the need for a service engineer.



To adjust the temperature

A. Remove the plastic blanking plug from the lower panel to show adjustment knob
B. To increase in temp turn slightly clockwise, to decrease in temp turn slightly anticlockwise. (It is important to be aware that too high a temp setting may lead to over boiling and may result in excessive steam venting from the outlet valve).
C. Replace the plastic blanking plug.

WARRANTY INFORMATION

Warranty Policy

- The manufacturer's warranty is only valid in the UK mainland. Northern Ireland, Western Isles, Inner Hebrides and Islands are parts only warranty.
- All service calls will be carried out between the hours of 8.00am – 5.00pm Monday to Friday only.
- We accept no responsibility for delays in replacing or repairing the equipment due to circumstances beyond our control.
- Your warranty can be immediately invalid if the installation of the equipment has not been carried out in accordance with the manufacturer's instructions. (See installation details). Also the misuse, alteration or unauthorised repairs of the equipment will invalidate the warranty.
- During the warranty period it is at Parry's discretion to repair or replace the equipment.
- Warranty only applies if the equipment has been used in a professional manner following the manufacturer's instructions and maintenance guide lines.
- The warranty covers defects in the material and component failure only. We are not liable for trading loss, loss of perishable items, water damage, loss due to injury or fire damage.
- Please be aware that the warranty starts from the date of purchase from Parry and not the sale or installation date of the equipment.

Warranty Request

- Please ensure you have referred to the manufacturers' instructions before placing a warranty call. Or contact our warranty department on 01757 213909 for technical assistance, ensure you obtain the model number before calling.
- Please ensure you have read the section not covered under warranty to avoid any unnecessary warranty charges.
- It is vital that all warranty requests be submitted to Parry via email to warranty@parry.co.uk
- It is at the discretion of PARRY whether to honour a service call which is out of the warranty period.

Not Covered Under Warranty

• Fault due to poor maintenance.

• Resetting of equipment or circuit breakers.

• Abuse of the equipment

• Foil should never be used on racks

• Blockages e.g., drains, condensers, pumps etc.

• Lime scale related issues

• Installed incorrectly

• Access arranged for service call and engineer refused access or customer not there.

• No faults with the machine.

• Setting up of equipment e.g., dishwasher detergents, levelling and setting up of doors on a 6 burner cooker.

• Excessive carbon build up on griddle plates.

• Over use of lava rock on the chargrills. Parry recommends maximum of 2kg.

• Faulty electrics – e.g., customers plug socket, plug, wiring, junction box fault, wrong fuse.

• Any damages caused by the customer.

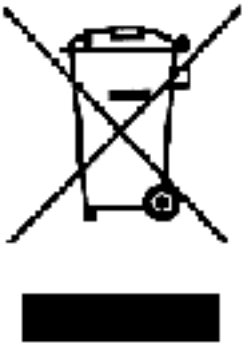
• Lamps, glass, door gaskets, Perspex, baskets, knobs all perishable items are not covered.

This appliance should be routinely serviced to prolong its lifetime. Parry recommends that the appliance is serviced every 12 months by a Parry authorised engineer. Failure to service your product within the initial 12 month warranty period will cause the 24 month warranty to become void.

Disposal Information

This appliance is marked according to the European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of this product.



A symbol on the product, or on the documents accompanying the product, indicates that this appliance may not be treated as household waste. Instead it should be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

Disposal must be carried out in accordance with local environmental regulations for waste disposal.

For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Parry Catering recognises our obligations to the EU DIRECTIVE covering the waste disposal of electrical and electronic equipment (WEEE) Parry Catering are committed to this policy in order to help conserve the environment.

At the end of this units life you MUST dispose of it in an approved manner. You MUST not discard the unit or place it in the refuse bin.

You have several options:

a) Take the unit to an approved WEEE scheme company, there will be one in your area.

b) Take the unit to an approved waste disposal site; many sites are managed by your local authority.

Contact the units manufacturer, importer or their agent; the contact details will be on the unit.

There will probably be a charge for this service which will depend on the physical size and location of the unit. You will be given a collection price for a curb side collection based on commercial rates prevailing at the time.

It should be noted that the unit to be collected should be suitably packed and sealed to prevent dangerous gases and fluids from escaping. The condition of the unit must also be clean to comply with health and safety regulations.

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