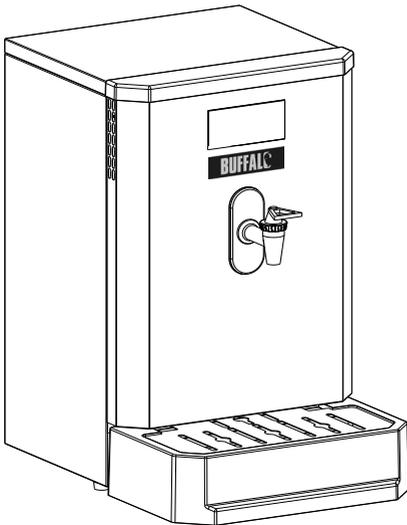


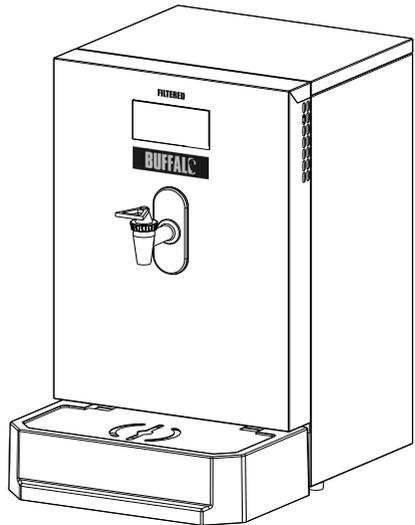
USER INSTRUCTION MANUAL



Autofill Water Boiler



GH187



**GC719
(FILTERED PRODUCT)**



Please read and
keep these
instructions

Buffalo Warranty

1 Year Parts

1 Year Labour

Introduction

Thank you for purchasing this Buffalo appliance.

To ensure you obtain full benefits from your new appliance:

- Please read this instruction booklet carefully, and follow all instructions.
- If you are unsure of any aspect of the installation, use or performance of your appliance, please contact our After Sales team on (00 44) 0845 146 2887.

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Important Information

The use of an electrical appliance requires the following common sense safety rules. Primarily there is a danger of personal injury and secondly damage to the appliance and property.

These are indicated in the instructions by the following two conventions:

WARNING: Danger of personal injury.

Important: Damage to the appliance.

These appliances are intended for commercial use as detailed in these instructions. The company has a policy of continuous improvement in product quality and design. The Company, therefore, reserves the right to change the specification of its models at any time. These appliances are designed for continuous operation and should only be switched off for the purpose of maintenance or emergency.

Safety Information

To prevent injury to yourself or your staff, and to avoid damaging the appliance, please read and follow the safety precautions below before setting up and using the unit:

- Remove all packaging and plastic coatings from the appliance
- Clean the appliance before use
- Check that the appliance has not been damaged in any way during transportation (If any damage is found, it MUST be reported to our After Sales department immediately by calling 00 44 (0)845 146 2887.
- Ensure that the electrical supply cord is not damaged. The supply cord on this appliance is of a special type. If replaced, only a Buffalo supply cord must be used.
- Always disconnect the appliance from the electricity supply before servicing
- The unit must be earthed
- Do not try to modify this appliance
- Never clean the appliance with a water jet or steam cleaner
- Inform staff that the surfaces will become hot
- Keep these instructions in a safe place near the unit for future reference

Delivery Checklist

If an item is missing please contact your dealer immediately.

- Appliance
- Drip tray and insert
- Inlet hose with 3/4" BSP connections
- Water filter (GC719)
- User instructions

Technical Specification

Model		GH187	GC719
Filtration		No	Yes
Height	mm	570	570
Width	mm	344	344
Depth (inc. dtrip tray)	mm	465	465
Capacity	L	10	
Weight	Kg	10.3	11.0
Ambient Temperature	°C	5 - 30	
Water Inlet Pressure	MPa	0.2 - 0.8	
Voltage		220 - 240V - 50/60Hz	
Power Rating	kW	2.52 - 3.00	

Installation

WARNING: The installation of the appliance must be performed by a competent person, taking into consideration:

- Health and Safety at Works Act
- IEE Regulations
- BS Codes of Practice
- Local and National Building Regulations
- Local and National Water regulations

Location:

- The appliance must be on a flat, horizontal surface
- Ensure that safe operational access to the appliance is unrestricted
- Do not site the appliance directly beneath wall cupboards, other wall mounted appliances and low ceilings that are susceptible to damage from water vapour
- Do not use your appliance outside
- The appliance must be installed 100mm from any walls
- Do not place on or near hot surfaces
- Do not allow your appliance to freeze. If this happens, do not operate the appliance and contact the manufacturer.

Important: Access to the service area is restricted to persons having knowledge and practical experience, in particular as far as safety and hygiene is concerned.

Electrical Connection:

The appliance must be earthed.

Check that the voltage on the rating plate of your appliance corresponds with your electricity supply.

The boiler is supplied with a 13 amp plug. If replacing the plug, connect the terminals as follows:

GREEN and YELLOW wire	EARTH - E
BLUE wire	NEUTRAL - N
BROWN wire	LIVE - L

For safety regulations the plug or means of disconnection must always be accessible.

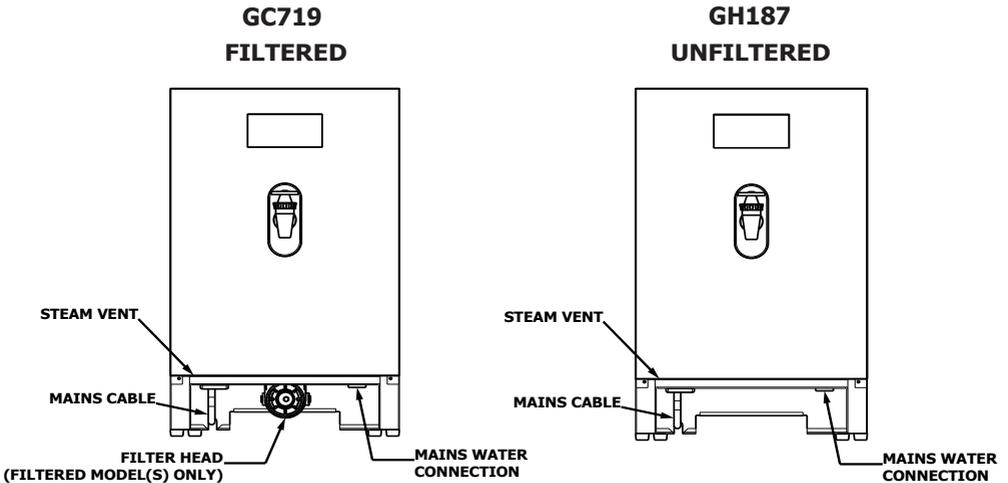
Water Connection:

Connect the supplied inlet hose to the inlet connection point on the base of the appliance and the other end to the mains cold water supply.

Overflow & Drainage

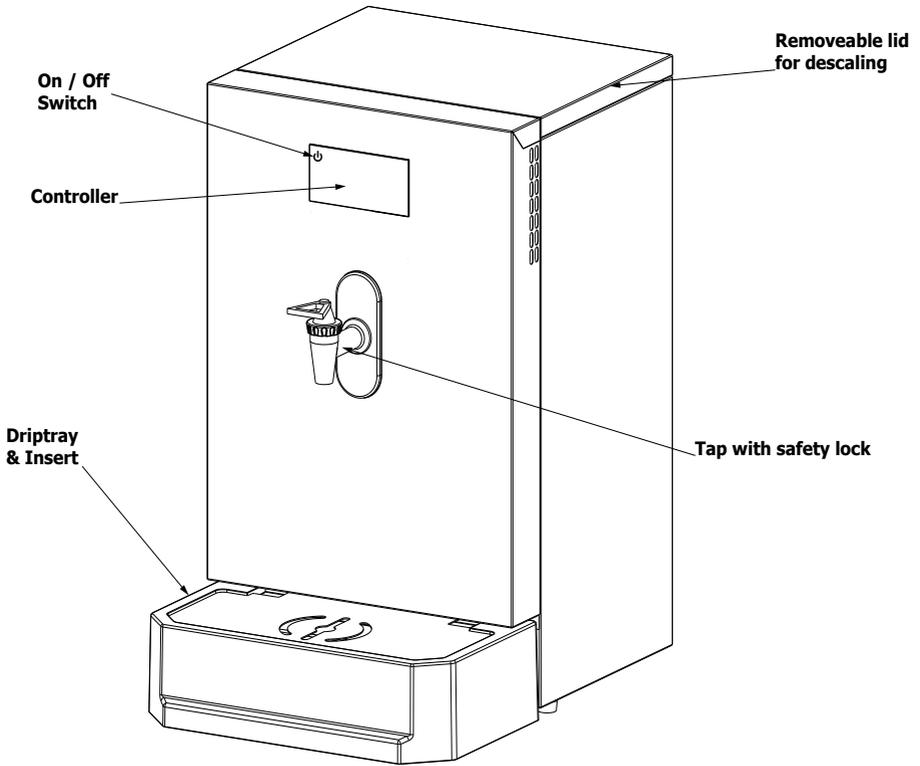
Due to the electronic function of the appliance it is highly unlikely that an overflow would occur. The appliance is designed so that any overflow occurrence and condensation is directly vented into the drip tray.

Note: There will be some steam emissions from the vent at the base of the appliance during its initial fill stages. The steam emissions will lessen as the water volume increases in the tank.

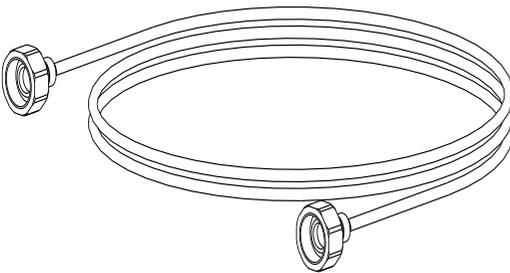


User Guide

Your Product



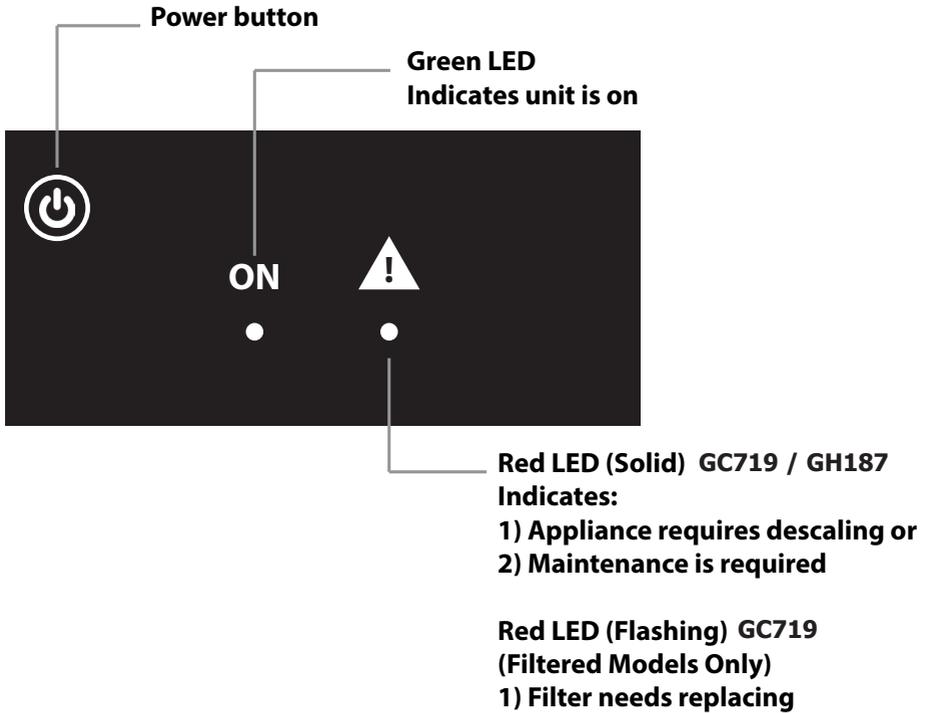
**INSTALLATION
PIPE**



**FILTER
(FILTERED MODELS
ONLY)**



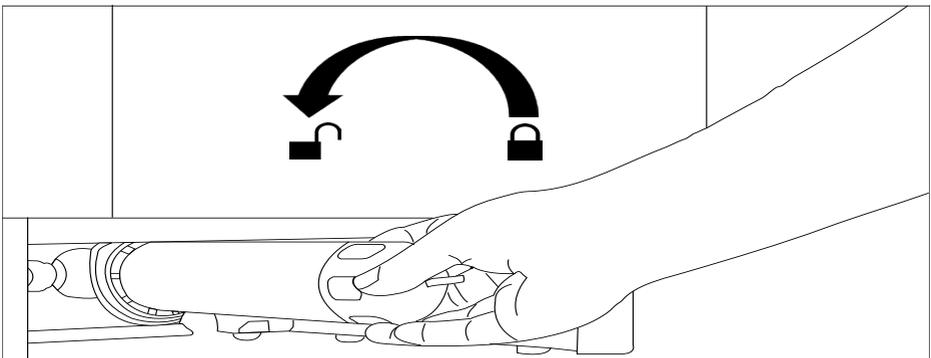
Screen Control



Filter (filtered models only)

To fit the filter:

1. Insert filter cartridge into filter head
2. Turn cartridge clockwise to lock

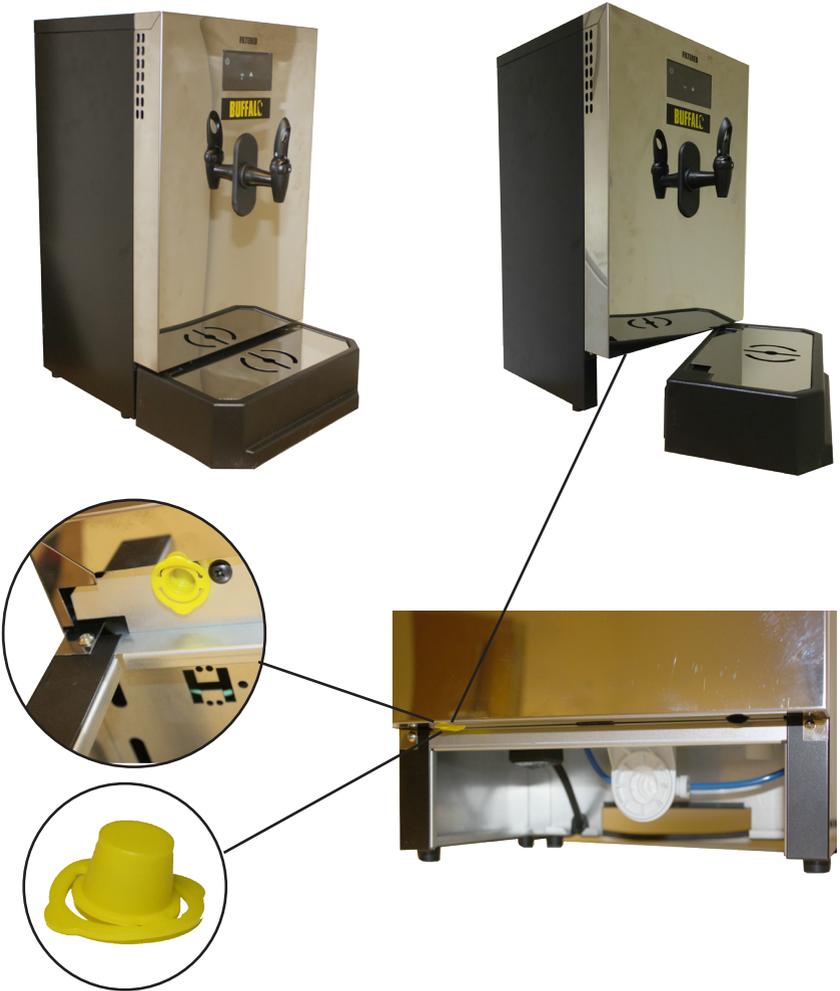


Operation

First Use

THE FOLLOWING PROCEDURE MUST BE DONE BEFORE USE

1. Remove yellow steam cap from steam pipe (see steam label on front of product)
FAILURE TO DO SO WILL CAUSE THE PRODUCT TO STOP OPERATING



2. Remove warning label(s) covering controller
3. Switch on the mains water supply and the electricity supply
4. Leave the appliance to fill and heat water for 15mins

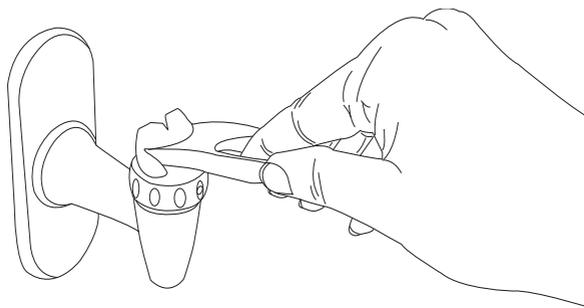
5. Draw water from the tap until the flow of water stops
6. Repeat instructions 4 and 5
7. Leave product to fill and heat water
8. Your appliance is now ready for use.

Regular Operation

This appliance is designed to be left permanently switched on, it is only necessary to turn it off for descaling or maintenance.

Tap Function

Tap function can be varied between:



- (a) User operated flow (b) Constant flow

This can be achieved by twisting the handle through 180°. In addition, the safety lock can be activated by twisting it through 90°. When in this position, the tap cannot be operated accidentally.

As water is drawn off through the tap, small quantities of water are added to replenish and ensure that hot water is always available.

Filter Replacement (filtered models only)

Code: GC719

When the filter needs replacing the Red LED on the controller will flash. To replace the filter:

1. Remove drip tray
2. Twist the cartridge 90° (1/4 turn) counter clockwise to unlock (care should be taken when doing this as it will contain a small amount of water)
3. Insert new filter cartridge into filter head
4. Turn cartridge clockwise to lock

To reset the filter warning (flashing LED) the following procedure must take place:

1. Place fingers on the controller screen as indicated in the image below:



Cleaning & Maintenance

WARNING: Disconnect unit from electrical supply before cleaning, descaling or replacing any parts.

Cleaning

We recommend cleaning your appliance on a regular basis. Failure to do this may result in the appliance not operating to its full potential and could invalidate your warranty.

Important: Do not immerse the appliance in water or any other liquids and take care to keep water away from the mains lead and connections.

1. Clean the external surfaces of the unit regularly to maintain hygiene.
2. Empty the drip tray regularly
3. Wipe the dispensing tap daily to remove any lime-scale deposits and check that the water outlet is clear
4. Wipe the unit down with a damp soft cloth
5. Do **not** allow excess water to run into the unit
6. Do **not** use abrasive creams or scourer

Descaling

The descaling procedure must be performed by trained personnel as it requires the removal of panels from the boiler and access to live electrical components. Always use a descaling agent suitable for stainless steel. Please note any relevant Personal Protective Equipment must be worn when undertaking any descaling.

1. Isolate the boiler from electrical supply.
2. Allow the water to cool to approximately 60°C
3. Remove the screw from the back of the boiler and remove the top cover. (PICTURE 1 & 2)
4. Remove the insulation on top of the tank, unscrew and reposition the tank lid. (PICTURE 3, 4 & 5)
5. Add descaling agent in accordance with manufactures instructions. (PICTURE 5)
6. Replace the tank lid/insulation and top cover.
7. Turn on the electricity and allow the boiler to operate normally for approximately 45 minutes.
8. Isolate the boiler and allow to cool down.
9. Remove the tank lid again, to inspect the tank and level detectors for scale deposits.
10. Drain and flush the descaling agent from the tank, using tap on the front of the appliance.
11. To drain the tank completely, remove the front panel by removing 2 screws behind the drip tray and lifting the panel up, over the tap. (PICTURE 6, 7 & 8)
12. Position a bucket in front of the product and open the service valve to drain the water from the tank (PICTURE 9)
13. When empty, close the valve and replace front panel.
14. Replace tank lid, ensuring the gasket is sealing the top of the tank correctly.
15. Fit top cover and turn on the boiler.

In hard water areas where a large build-up of scale has formed, you may need to physically scrape from the tank. If this is required, ensure care is taken and not to damage the level sensor probes.

FAILURE TO DESCALE ON A REGULAR BASIS WILL INVALIDATE YOUR WARRANTY



Front



Back

1



2



3



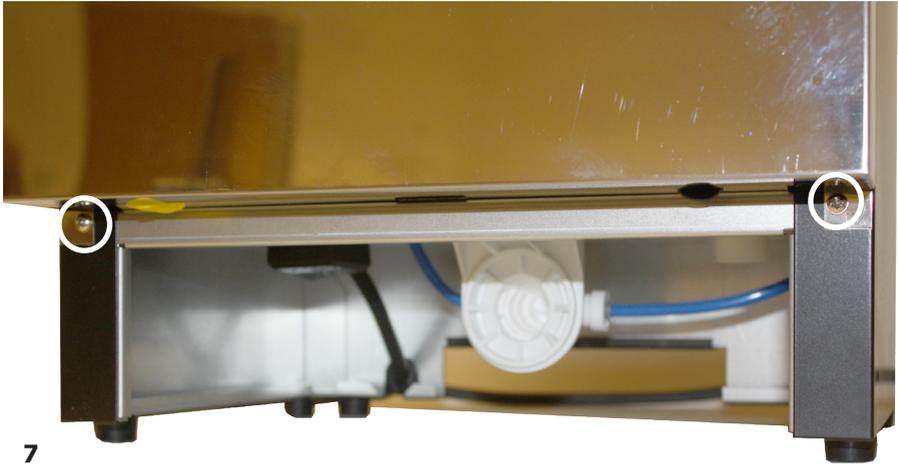
4



5



6



7



8



9

Troubleshooting

Fault Codes

Indicator	Fault	Actions
Red light (Always on)	Descale or maintenance required	Follow descale procedure. If red light stays illuminated after descale please contact the manufacturer
Red light (Flashing)	Filter needs replacing	Follow filter replacement procedure and replace filter

Service Information

For help with the installation, maintenance and use of this appliance please contact our service department on 00 44 (0)845 146 2887.

To ensure that your service enquiry is handled as efficiently as possible, please tell us:

Brief details of the problem

Product code

Serial number

(Product code and Serial number can be found on front of this handbook or the rear of your appliance)

Warranty

This unit carries a comprehensive 12 month warranty (from date of purchase) against defective materials or faulty workmanship. The guarantee is in addition to, and does not diminish your statutory or legal rights.

The guarantee does not cover:

- Accidental damage, misuse or use not in accordance with the instructions in this handbook.
- Consumable items (filters, etc)
- Damage due to incorrect installation, modification, unauthorised service work or damage due to scale.

The manufacturer disclaims any liability for incidental, or consequential damages.

Disposal



WEEE directive registration no. WEE/CK0046SY/PRO

At end of unit life, dispose of appliance and any replacement parts in a safe manner, via a licensed waste handler. Units are designed to be dismantled easily and recycling of all material is encouraged whenever practicable.

DECLARATION OF CONFORMITY

• Conformiteitsverklaring • Déclaration de conformité • Konformitätserklärung • Dichiarazione di conformità •
• Declaración de conformidad • Declaração de conformidade

Equipment Type • Uitrustingstype • Type d'équipement • Gerätetyp •
Tipo di apparecchiatura • Tipo de equipo • Tipo de equipamento

Water Boiler

Model • Modèle • Modell • Modello • Modelo • Malli

**GH187
GC719**

Application of Council Directives(s)

Toepassing van Europese Richtlijn(en) • Application de la/des directive(s) du
Conseil • Anwendbare EU-Richtlinie(n) • Applicazione delle Direttive • Aplicación
de la(s) directiva(s) del consejo • Aplicação de directiva(s) do Conselho

2006/95/EC
2004/108/EC
2011/65/EU

Standards

Standaarden • Normes • Normen • Standard • Estándares • Normas

EN 60335-1
EN 60335-2-75
EN 62233
EN 55014-1
EN 55014-2
EN 50581

Producer Name • Naam fabrikant • Nom du producteur • Name des Herstellers
• Nome del produttore • Nombre del fabricante • Nome do fabricante

Glen Dimplex Professional
Appliances

Producer Address • Adres fabrikant • Adresse du producteur • Anschrift des
Herstellers • Indirizzo del produttore • Dirección del fabricante • Endereço do
fabricante

Stoney Lane
Prescot
Merseyside
UK
L35 2XW

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

Ik, de ondergetekende, verklaar hierbij dat de hierboven gespecificeerde uitrusting goedgekeurd is volgens de bovenstaande Richtlijn(en) en Standaard(en).

Je soussigné, confirme la conformité de l'équipement cité dans la présente à la / aux Directive(s) et Norme(s) ci-dessus

Ich, der/die Unterzeichnende, erkläre hiermit, dass das oben angegebene Gerät der/den oben angeführten Richtlinie(n) und Norm(en) entspricht.

Il sottoscritto dichiara che l'apparecchiatura di sopra specificata è conforme alle Direttive e agli Standard sopra riportati.

El abajo firmante declara por la presente que el equipo arriba especificado está en conformidad con la(s) directiva(s) y estándar(es) arriba mencionadas.

Eu, o abaixo-assinado, declaro que o equipamento anteriormente especificado está em conformidade com a(s) anterior(es) Directiva(s) e Norma(s)

Date • Data • Date • Datum • Data • Fecha • Data

22nd May 2014

Signature • Handtekening • Signature • Unterschrift
Firma • Firma • Assinatura



Paul Mulvena

Full Name • Volledige naam • Nom et prénom • Vollständiger Name •
Nome completo • Nombre completo • Nome por extenso

Position • Functie • Fonction • Position • Qualifica • Posición • Função

Product Approvals Manager

BUFFALO

Telephone Helpline:

00 44 (0)845 146 2887

Fourth Way, Avonmouth, Bristol, UK, BS11 8TB