



COMET SYSTEM P8552 Web Sensor User Manual

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Safety Instructions



DANGER OF HIGH VOLTAGE!

Electrical requirements:

Always switch off and disconnect the power supply to the appliance before installation, when not in use, before cleaning and maintenance/service. This appliance should only be connected to the mains electricity supply by a qualified electrician. Hardwire the appliance into a suitable power supply with correct voltage and sufficient power capacity. Refer to the rating label on the appliance for voltage and wattage requirements. Connect the appliance to a circuit protected by an appropriate RCD (Residual Current Device). Under no circumstances put a plug on the cable.

- Position on a flat, stable surface.
- A service agent/qualified technician should carry out installation and any repairs if required. Do not remove any components on this product.
- Consult Local and National Standards to comply with the following:
 - Health and Safety at Work Legislation
 - BS EN Codes of Practice
 - Fire Precautions
 - IEE Wiring Regulations
 - Building Regulations
- Not suitable for outdoor use.



• Caution: Hot surfaces

- DO NOT immerse the appliance in water.
- DO NOT clean with jet/pressure washers.
- DO NOT leave the appliance unattended during operation.

- DO NOT move the appliance during cooking or with hot cookware on top of it.
- DO NOT place empty cookware on the appliance.
- DO NOT place any magnetic objects, aluminium foil and plastic vessels on the glass surface during operation.
- DO NOT place metal objects such as knives, forks, and spoons on the surface as they may become hot during use.
- Do not use the glass surface for storage purposes.



- non-ionizing electromagnetic radiation.
- People with a pacemaker fitted should not use the appliance and keep a minimum of 60cm from the appliance during operation.
- **Warning:** If the glass surface is cracked immediately disconnect from the power supply and consult your Buffalo agent or recommended qualified technician.
- Keep all packaging away from children. Dispose of the packaging in accordance to the regulations of local authorities.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the power cord is damaged, it must be replaced by a Buffalo agent or a recommended qualified technician in order to avoid a hazard. The power cord should be an oil-resistant sheathed cable, not lighter than ordinary neoprene or other equivalent synthetic rubber sheathed cords (YZW).
- Buffalo recommend that this appliance should be periodically tested (at least annually) by a Competent Person. Testing should include, but not be limited to: Visual Inspection, Polarity Test, Earth Continuity, Insulation Continuity and Functional Testing.

Induction Cooking

Induction cooking is a very efficient method of cooking as it reduces heat loss between the pan and the atmosphere by as much as 40%. This makes it extremely energy efficient, as well as offering immediate heat-up, unlike traditional heating methods which require time to get to temperature. The Induction cooker works by creating a magnetic field within suitable cookware, which causes an instant build-up of heat to cook the food. This appliance is intended to be used for commercial applications, for example in kitchens of restaurants, canteens, hospitals and in commercial enterprises such as bakeries, butcheries, etc. but not for continuous mass production of food.

Induction hobs can make a variety of noises for different reasons. Crackling and whistling noises are often due to the construction of the pan or any utensil in it. Quiet humming noises are due to the induction technology and are completely normal. The cooling fans for the electronics may also be heard.

Pack Contents

The following is included:

- Freestanding induction cooker
- Instruction manual Buffalo prides itself on quality and service, ensuring that at the time of unpacking the contents are supplied fully functional and free of damage. Should you find any damage as a result of transit, please contact your Buffalo dealer immediately

Installation

- *Warning: Incorrect installation, operation, maintenance or cleaning of the equipment, as well as any modification can cause property damage and personal casualty. Fully read and understand all instructions before installation.*
- Avoid placing the appliance on or close to easily flammable materials. Maintain a distance of 20cm (7 inches) between the appliance and walls or other objects for ventilation.
- Avoid positioning the unit in direct sunlight or damp areas.
- Ensure the electrical wires will not be dragged when moving the appliance.

Electrical wiring



DANGER of electric shock from incorrect connection There is a danger to life if the wires are incorrectly connected. Connection to a suitable power supply should only be carried out by a qualified and competent electrical engineer. Warning: The fixed wiring of the power cord connection must be equipped with a disconnect device (leakage protection switch) with a contact distance greater than 30mm according to the wiring rules.

Connect the unit in accordance with the applicable regulations of your country, federal state, city or local authority. Connect the unit to a standard energy supply network. For a proper electrical connection, adjust the power ratings to the local circumstances and requirements.

Equipotential bonding terminal in electrical appliances is to connect exposed metal and conductive parts of electrical devices and other devices in electrical appliances with artificial or natural grounding conductors to reduce potential differences (reduce and prevent the risk of electric shock).

- This appliance is supplied unplugged and require hardwiring to a suitable electrical power supply.
CU487 requires a 7kW 400V three-phase circuit at 50Hz
CU488 requires a 14kW 400V three-phase circuit at 50Hz.
- Connect the wires correctly according to their colour coding. This appliance is wired as follows:

Wire colour	Wire function	To terminals of power supply
Yellow/green	Earth wire, protective conductor	Terminal marked E
Blue	Neutral wire, neutral conductor	Terminal marked N
Brown, grey and black	Live wires, Phase L1, L2, L3	Terminal marked L1, L2, L3

- The appliance must be earthed. If in doubt consult a qualified electrician.
- Electrical isolation points must be kept clear of any obstructions. In the event of any emergency disconnection being required they must be readily accessible.

Cookware

Suitable cookware includes:

- All magnetic pans such as Vogue Stainless Steel or Triwall pans.



- Mild steel or plain steel (black iron) pans



- Enamelled/non-enamelled cast iron and iron pans
- Cookware diameter: 12cm – 20cm

Unsuitable cookware includes:

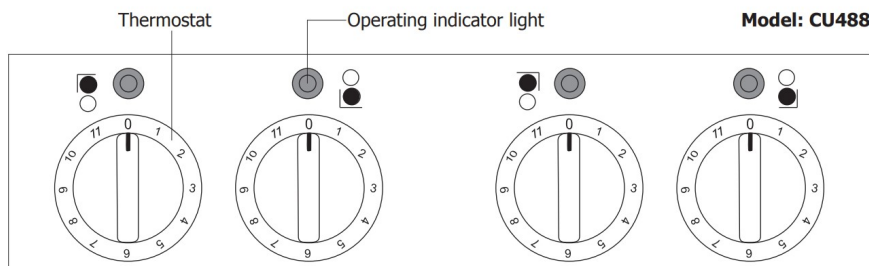


- Cookware with a diameter of less than 12cm



- Ceramic or glass cookware
- Stainless steel with no/weak magnetism, aluminium, bronze or copper cookware unless marked as suitable for induction cooking
- Cookware with feet
- Cookware with a rounded bottom (e.g. wok)

Control panel



Before using the appliance, ensure all thermostats are at the “0” position. During operation, take care of your rings, watches and similar objects as they may become hot.

Operation

1. Place suitable cookware on to the centre of the desired cooking zone.
2. Switch the appliance on at the power supply.
3. Set the thermostat to desired power setting. The appliance will start to work and the operating indicator light will light up Green. **(Note: If unsuitable cookware or no cookware is present, the heating indicator light will light up Red.)**

Level	1	2	3	4	5	6	7	8	9	10
Power (W)	900	1000	1100	1200	1400	1700	2000	2300	2700	3500

4. To turn appliance off, just set the thermostat to “0”

Auto shut-off function

The appliance will shut off automatically when left idle for about 4 hours.

Overheat protection function

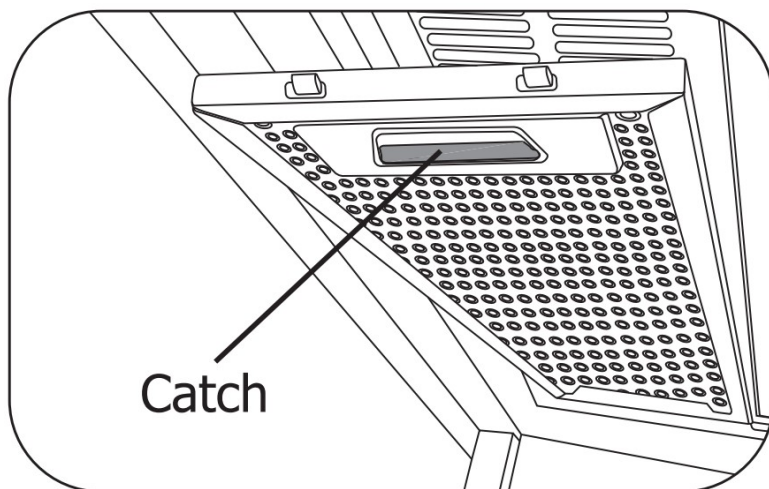
If the pan becomes too hot the appliance will switch off and a buzzer will sound. Should this happen, allow the appliance to cool before restarting.

Cleaning, Care & Maintenance

- **Turn the appliance off and disconnect from the power supply. Allow the appliance to cool before cleaning and maintenance.**
- Use warm, soapy water and a damp cloth to clean the appliance.
- DO NOT use abrasive cleaners or pads.
- Dry thoroughly after cleaning.
- For optimal product performance, it is recommended to regularly apply some vegetable oil to the cooking surface.

Cleaning the air filter

- There are removable air filters on the ceiling of the trolley. Press the catch backward to release the filter, then clean with warm water. Do not place in a dishwasher.
- To re-locate the filter, insert the tabs on its rear and left ends first, then press the catch again to lock in place.
- Replace with new filters if necessary

**Troubleshooting**

A qualified technician must carry out repairs if required.

Fault	Probable Cause	Solution
	The unit is not switched on	Check the unit is plugged in correctly and switched on
	Lead is damaged	Replace lead
	Mains power supply fault	Check mains power supply
	Unsuitable cookware	Replace with suitable cookware
Operating indicator light turns ON in Red	Unsuitable cookware / no cookware	Replace with suitable cookware

Technical Specifications

Note: Due to our continuing program of research and development, the specifications herein may be subject to change without notice.

Model	Voltage	Power(max.)	Operating frequency	Current	Power range	Dimensions h x w x d (mm)	Weight
CU487	380-400V 3N", 50-60Hz	2 x 3.5kW	18-34kHz	17.5A	900-3500W	920 x 400 x 750	43.3 kg
CU488		4 x 3.5kW	18-34kHz	35A	900-3500W	920 x 800 x 750	74.1 kg

Compliance



The WEEE logo on this product or its documentation indicates that the product must not be disposed of as household waste. To help prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the product supplier, or the local authority responsible for waste disposal in your area.

Buffalo parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities.

Buffalo products have been approved to carry the following symbol:



All rights reserved. No part of these instructions may be produced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of Buffalo. Every effort is made to ensure all details are correct at the time of going to press, however, Buffalo reserves the right to change specifications without notice.

DECLARATION OF CONFORMITY

Equipment Type	Model		
	CU487 (& -E) CU488 (& -E)		
	Low Voltage Directive (LVD) – 2014/35/EU		
	Electrical Equipment (Safety) Regulations 2016		
	(BS) EN 60335-1:2012 + A11:2014 +A13:2017 + A1:2019 +A14:2019	+A2:2019	
	(BS) EN 60335-2-36:2002 +A1:2004 +A2:2008 + A11:2012		
	(BS) EN 62233:2008		
	Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU – recast of 2004/108/EC		
	Electromagnetic Compatibility Regulations 2016 (S.1. 2016/1091j)		
	(BS) EN IEC 55014-1: 2021		
	(BS) EN IEC 55014-2:2021		
	(BS) EN IEC 61000-3-2: 2019 +A1:2021		
	(BS) EN 61000-3-3:2013 +A1:2019		
	Restriction of Hazardous Substances Directive		
	(RoHS) 2015/863 amending Annex II to Directive 2011/65/EU		
	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (5.1. 2012/30321		
	Producer Name • Naam fabrikant • Nom du producteur • Name des Herstellers	Buffalo	
	· Nome del produttore • Nombre del fabricante		

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

- Date
- Data
- Date
- Datum
- Data
- Fecha
- Signature

- Signature
Unterschrift Firma
- Firma

Caution: Read the instructions before using the appliance.



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BE-NL	0800-29129
BE-FR	0800-29229
DE	0800 — 1860806
IT	N/A
ES	901-100 133



<http://www.buffalo-appliances.com/>



Documents / Resources



[COMET SYSTEM P8552 Web Sensor](#) [pdf] User Manual
P8552, P8652, P8653, P8552 Web Sensor, Web Sensor, Sensor

References

- [Manufacturer of Dataloggers, Thermometers, Hygrometers,CO2 meters](#)
- [Manufacturer of Dataloggers, Thermometers, Hygrometers,CO2 meters](#)

[Manuals+.](#)