



## Ultrasound Cleaning Unit 42Khz/1.5 L

*User's Manual*

007935095210



Magneti Marelli Aftermarket Spółka z.o.o.

Plac Pod Lipami 5, 40-476 Katowice

Tel.: + 48 (032) 6036107, Faks: + 48 (032) 603-61-08

e-mail: [checkstar@magnetimarelli.com](mailto:checkstar@magnetimarelli.com)

[www.magnetimarelli-checkstar.pl](http://www.magnetimarelli-checkstar.pl)

## Copyright

The distribution and sales of the product are intended for use by the original purchaser. This document may not, in whole or part, be copied, photocopied, reproduced, translated or reduced to any electronic medium of machine-readable form without prior consent in writing from Carbon Zapp.

The information in this document is subject to change without notice.

## Warranty

### **2 –Year Ultrasonic Bath Limited Warranty**

Carbon Zapp company manufactures its equipment from new parts and components that are in accordance with industry standard practices. Carbon Zapp warrants that the equipment it manufactures will be free of defects in materials and workmanship.

The warranty terms are 2 years, beginning on the date of the Carbon Zapp invoice in accordance with the following described:

This warranty does not cover damage due to external causes, including accident, abuse, misuse, scratches on external components or surfaces, problems with electrical power supply, servicing not authorized by Carbon Zapp, usage not in accordance with device's operating manual, failure to perform required preventative maintenance, failure to renew/change the ultrasonic cleaning fluid regularly, to operate device without fluid in it, usage of improper cleaning fluid, usage of cleaning solvents and chemicals not provided or indicated/approved by Carbon Zapp, use of parts and components not supplied or approved by Carbon Zapp.

Carbon Zapp will repair or replace parts and components returned to manufacturer's facility. To request warranty service, contact Carbon Zapp within the warranty period. If warranty service is required, you must ship the defective part or component in their original or equivalent packaging, prepay shipping charges, and insure, or accept the risk of loss or damage during shipment. Carbon Zapp will return the repaired or replacement part or

component freight prepaid. If Carbon Zapp repairs or replaces a part or component, its warranty term is Not Extended.

Carbon Zapp does not accept liability beyond the remedies set forth in this warranty statement or liability for incidental or consequential damages.

## Components

Carefully unpack the device and its components. Save the box and packaging materials for future use.

Check if you have all the following items:

- Ultrasonic Device UB-15s
- AC [100/240 VAC] Power Cord

## Specifications

<b>Mains Voltage (VAC)</b>	100/240
<b>Mains frequency (Hz)</b>	50 / 60
<b>Ultrasonic frequency (kHz)</b>	38
<b>Power consumption total (W)</b>	80
<b>Max Heating Temperature (C / F)</b>	80 / 175
<b>Unit outer dimensions W / D / H (mm)</b>	175 / 180 / 212
<b>Tank internal dimensions W / D / H (mm)</b>	176 / 164 / 100
<b>Max. filling volume tank (lit. / gal.)</b>	2 / 0,53
<b>Basket inner dimensions W / D / H (mm)</b>	112 / 103 / 55
<b>Mesh size of the basket (mm)</b>	7x1
<b>Weight (kg)</b>	2,1
<b>Material tank</b>	stainless steel
<b>Material casing</b>	stainless steel

**[important]**

- Hot surface during operation
- Never operate the unit unless the bottom of the tank is completely covered with mixture.

Dry operation will permanently damage the transducer and will Void Warranty.

- It is dangerous to use corrosive, combustible or poisonous substances in the tank. Doing so will damage the unit and Void Warranty.

- For best results, fill the tank until the ridge of the tank with mixture. The objects to be cleaned should be a maximum of  $\frac{2}{3}$  the size of the tank. Overloading the tank will reduce cleaning results.

## Device Tour

- a. Ultrasonic Device Bath
- b. Power Socket
- c. Control Panel
- d. Rear On/Off Switch (When connecting to other units, leave this switch in the On position)



**Figure** Błąd! W dokumencie nie ma tekstu o podanym stylu.-i

## Ultrasonic Device Panel

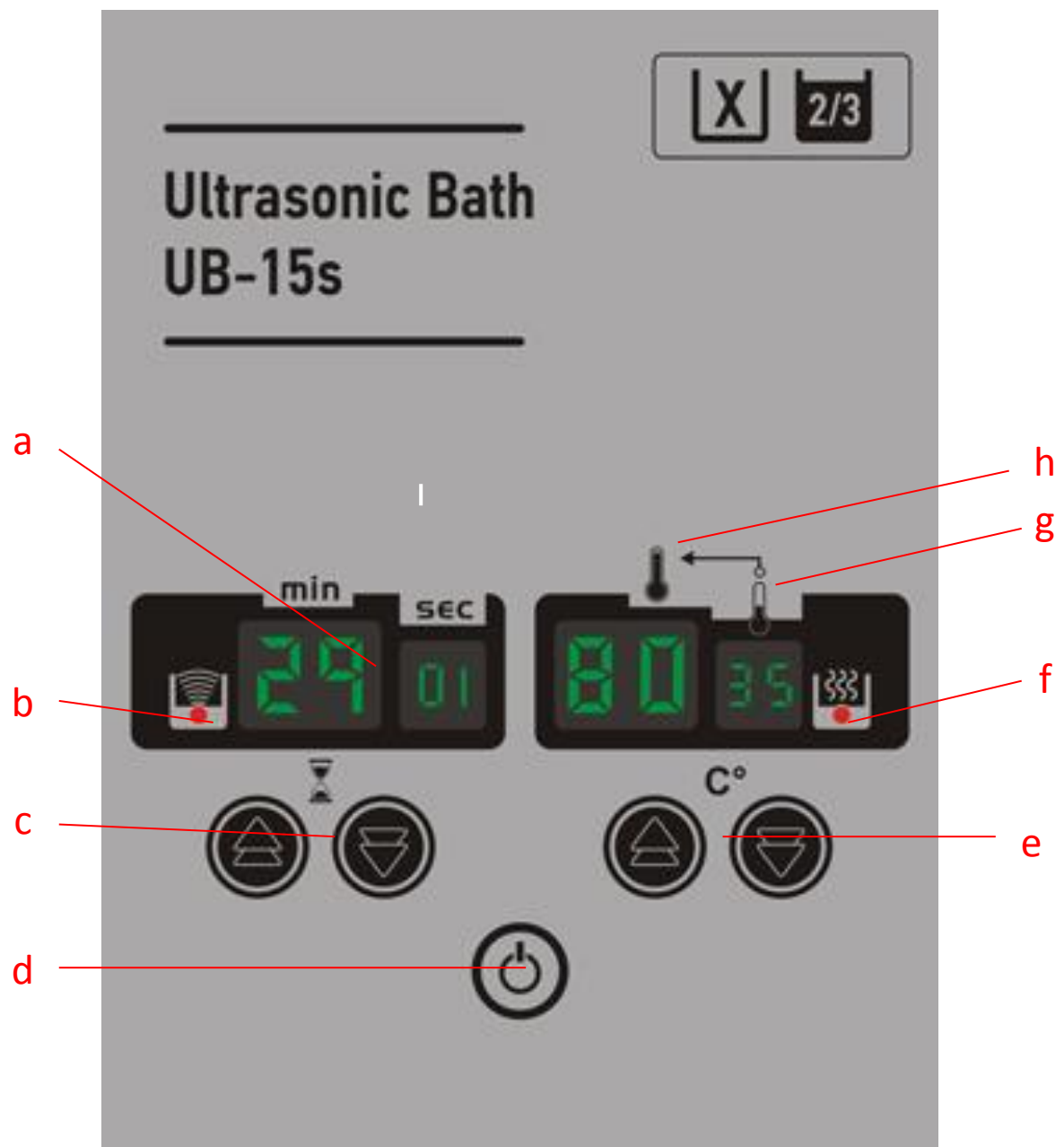


Figure 2, Ultrasonic Device (UB-15s) Control Panel

- a. Ultrasonic Remaining Time Indication (Min:Sec)
- b. Ultrasonic Waves Indication
- c. Ultrasonic Time Increase/Decrease buttons (Max 60 min)
- d. Soft Power On/Off button
- e. Heating Temperature Increase/Decrease buttons (Max 80 degrees Celsius)
- f. Heating Active Indication
- g. Actual Bath Temperature Indication
- h. Set Bath Temperature Indication

## Instructions

1. Place the Ultrasonic Device on a steady bench.
2. Fill the Ultrasonic bath with 4 parts distilled water and 1 part Carbon Zapp Ultrasonic Fluid, up to 2/3 of the tank or indication.
3. Plug the ultrasonic device to the accompanied machine (Loop Socket) or directly to the Mains Power Source.
4. Once the Ultrasonic device is powered up by the machine or the Mains, it will operate automatically. Also use the Rear On/Off Power Switch to manually switch On/Off the power to the device.
5. Adjust the required temperature. Also if powered by mains outlet, you can set the time of ultrasonic waves.
6. Consult the Ultrasonic Device Panel section of this manual for directions on how to use the Control Panel.

Magneti Marelli Aftermarket Spółka z.o.o.

Plac Pod Lipami 5, 40-476 Katowice

Tel.: + 48 (032) 6036107, Faks: + 48 (032) 603-61-08

e-mail: [checkstar@magnetimarelli.com](mailto:checkstar@magnetimarelli.com)

[www.magnetimarelli-checkstar.pl](http://www.magnetimarelli-checkstar.pl)