

# GMW J1

**Technical information - installation, use and maintenance manual**

## **Filtering system C1P Model GMW J1**

*Device for the filtration of potable water for human use, drinking and cooking.*

We suggest you reading this manual for the correct installation and usage of the product!

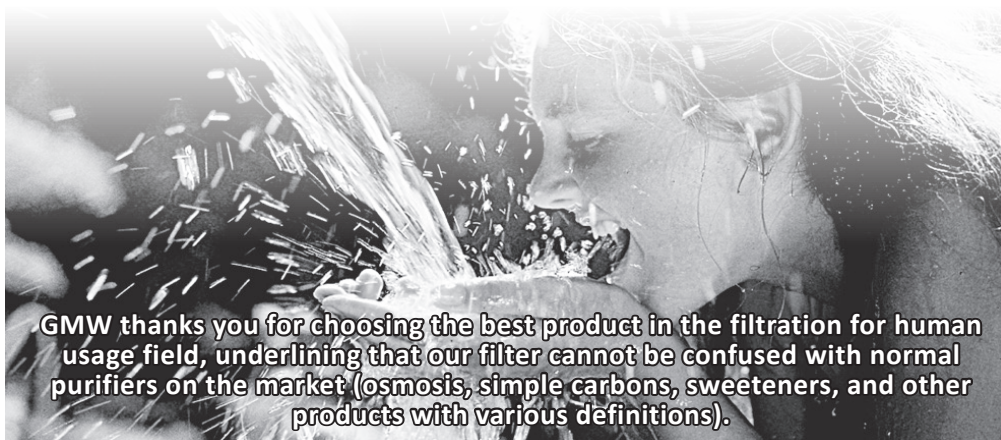


Following the DL 31/01 - respecting the EC directive 98/83 seen the rules of the European Parliament  
N. 852/2004 - DM 25 of 02/07/12 emanated by the Ministry of Health.

Produced by



Made in Italy



**GMW thanks you for choosing the best product in the filtration for human usage field, underlining that our filter cannot be confused with normal purifiers on the market (osmosis, simple carbons, sweeteners, and other products with various definitions).**

## TECHNICAL DETAILS OF THE GMW DEVICE

**GMW J1** products are produced in Italy following high quality standards and are the technical and structural evolution of usage of the line ***Jumbo C1P water filtration system***.

The **GMW J1** device is studied for treating water destined to human usage, therefore its application on already potable water is suggested.

The filtration of the **J1 device happens through the C1P water filtration system** technology, a filtration process defined as macro, micro and ultra filtration, besides an absorbing action with natural products (product tested and approved by the Italian Health Ministry, classified as “Other-Kind”).

Capacity of the filter cartridge **C1P jumbo 1**: up to 6500 litres - or max 12 months.

Water flux: approximately 4L/min Decreasing saturation/occlusion (in direct usage filter+tap); the flux may diminish drastically with use (the filtration process may vary when used on water different from the public supply water).

*Use only with cold water: maximum 40°C.*

Recommended pressure: 2/2.5 Bar. **Not more than 3 Bar**

Dimensions GMW J1: diameter mm 210 / 240 closing diameter semi-blades  
height: mm 60  
filtering cartridge diameter: mm 210  
height mm 17/35  
total device weight: 1,5 kg

Includes no return **valve** of flux entrance and regulation.

According to your type of installation, a no return output valve is possible to use.

The filter GMW J1 can be used horizontally or vertically.

### **ACCORDING TO THE DM 25/12 WE DECLARE THAT:**

The C1P technology suitable for the reduction of undesirable substances present in “potable” water is able to withhold tenaciously on the inside and without danger of ceasing phenomena:

Example: Many types of bacteria; Mud, sand, rust, phenols, chlorine, hydrocarbons, radioactive particles, petroleum; herbicides, pesticides, weed killers, etc.

## ATTENTION:

*This device **DOESN'T** need a constant periodical maintenance AS REQUESTED BY OTHER FILTERS ON THE MARKET (active carbons, osmosis,...) that have to ensure the potability requirements of the treated potable water and the maintenance of the improvements declared by the producer.*

### Following the DM 174/2004 we declare that:

The materials used in the GMW J1 model filtering cartridge when in contact with the material **C1P water filtration system** are certified CE and suitable for water for human use; recyclable plastic "food contact" and 316 stainless steel inserts.

## INSTALLATION AND MAINTENANCE

The installation of the **GMW J1** model can vary according to the application field, from the simple usage (IN input - OUT output) with tap, to still/sparkled water distribution devices, vending machines, coffee machines, etc.

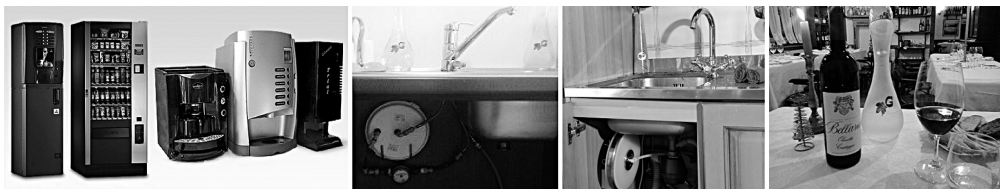
When used on systems with direct line (always pressurized filter) mono tap away, frigor carbonators etc. Obligation of the pressure reducing valve for proper functioning of the filtrate and we recommend applying the ANTI FLOOD valve and faucet interception open/close.

### APPLICATION FOR USAGE WITH TAP:

We SUGGEST models that are labelled GMW with specific techniques not to vary the water quality, one/three-way models that are chosen specifically for You.

## INSTALLATION:

Various positions and applications for different usages: home, restaurants, fridges, vending machines, coffee machines, ice machines, etc.



After identifying your application field, proceed inserting the cables in the right way as suggested by the holes on the front of the outer shell: **IN** = input, **OUT** = output.

Please note that it's possible to use different measures of junctions according to your needs, being careful not to use iron/brass junctions in the OUT part of the filter, in order not to influence the quality of the filtered product!

## MAINTENANCE

Proceed to change the filtering cartridge **J1 C1P** in the following cases:

- Drastic reduction in the water flux or in the saturation;
- Water output lower than 0,5 L/min;
- Bad smelling water;
- Bad tasting water.

Max 12 months.

In case of a non-usage of the filter for more than a month, let the water flow for 2 minutes.

Please note that even in case of bad smelling or bad taste, GMW assures you that the filtration is still perfectly functioning as well as the result of its usage.

### SUBSTITUTION GUIDE:

Closing the input implant of the water supply or valve (according to the application of the device) and let the pressure inside the filter diminish. Unlock the cables of input **IN** and output **OUT** in the following A/B options: (see picture)

option A: push external ferrule and pull cable

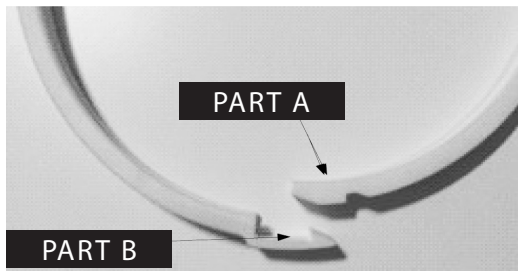


option B: twist off plastic junctions

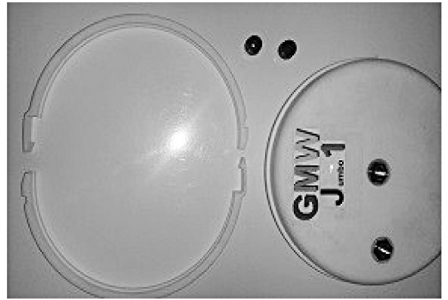
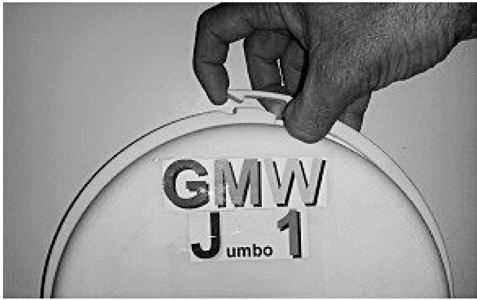


**picture 1:** open the outer blades

**semi blades (side A/side B)**



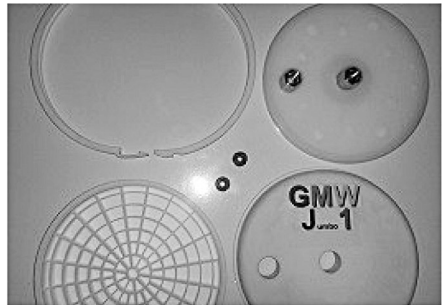
Picture 1



Uphold the containing shells (2)

When needed, press the cartridge through the wholes until it comes out (2)

Picture 2



(images of the filter in any single component portion)

Remove the cartridge J1 C1P used and insert a new one.

When applying Your new filter, make sure that the cartridge is perfectly inserted on the shell: otherwise, press cartridge **J1 C1P** together with the shell. (4)

Picture 3



Picture 4



Put the containing shells back one on the other again before proceeding and inserting the semi blades.

Insert the semi blade putting the “A part” first (5); keeping the shells pressed together with your hand or placing the filter on a stable surface, insert the A part.

**Picture 5**

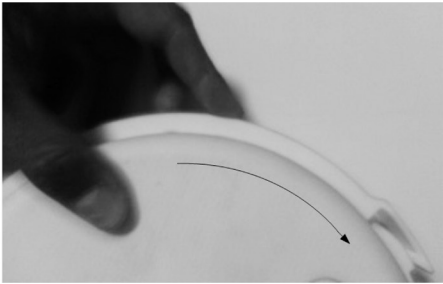
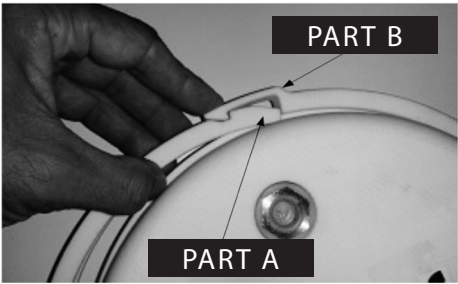


**Picture of the semi blade correctly inserted**

Proceed and insert the first semi blade along the circumference of the filter, keeping the two shells pressed together...

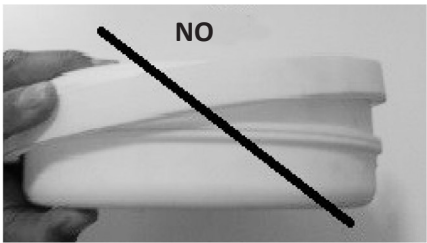
Repeat the whole operation with the second blade, inserting the final part of the A part in the B.

**Picture 6**



Afterwards, proceed with the inclusion of the blade in the rotation way, always pressing the shells, making sure that the blade is placed correctly along the closing portion.

**Picture 7**

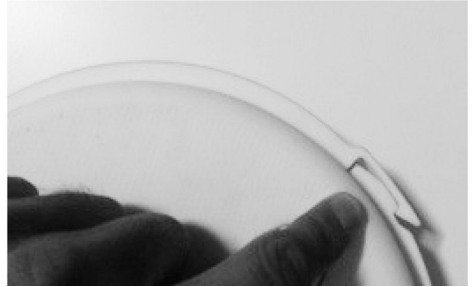


If you need to beat with hand on *semi blade*. **(8)** Until it fits perfectly **(9)**.

**Picture 8**



**Picture 9**



When the **J1 C1P** cartridge substitution process is completed, insert again the links/ cables **IN** and **OUT** being **careful not to invert them**, place the filter **GMW J1** in your usual application field.

**Let the water flow for 2/3 minutes before normal usage.**

*This operation is necessary for the correct functioning of your new filter cartridge **J1 C1P**.*

The materials forming your **GMW J1**, first quality plastic food contact and stainless steel are **EC** products, of which GMW assures the whole recyclability.

GMW is careful towards nature and its respect, so please throw your cartridge away in the suitable containers.

Moreover, GMW underlines that it's active for their clients the picking-up and disposal service of used cartridges.



## **WARNINGS:**

The input water pressure must NEVER BE MORE THAN 3 BAR.

In case of higher pressure, please request and/or apply a suitable pressure-reducing valve.

**THE INAPPROPRIATE USAGE CAUSES THE EXCLUSION OF ANY RESPONSIBILITY OF THE PRODUCER.**

**DON'T EVER USE NOR TRY THE J1 C1P CARTRIDGE WITHOUT THE SHELLS, THAT ARE NEEDED FOR A PERFECT FUNCTIONING.**

**DO NOT INSTALL THE PRODUCT IN CONTACT WITH HEAT SOURCES OR DIRECT SUNLIGHT, NOT WITH CONTINUOUS HOT AIR SOURCE**



**DO NOT DROP**



**DO NOT USE SHARP OBJECTS OR CONTUNDENDI/HAMMER TO INSERT THE SEMI BLADES**



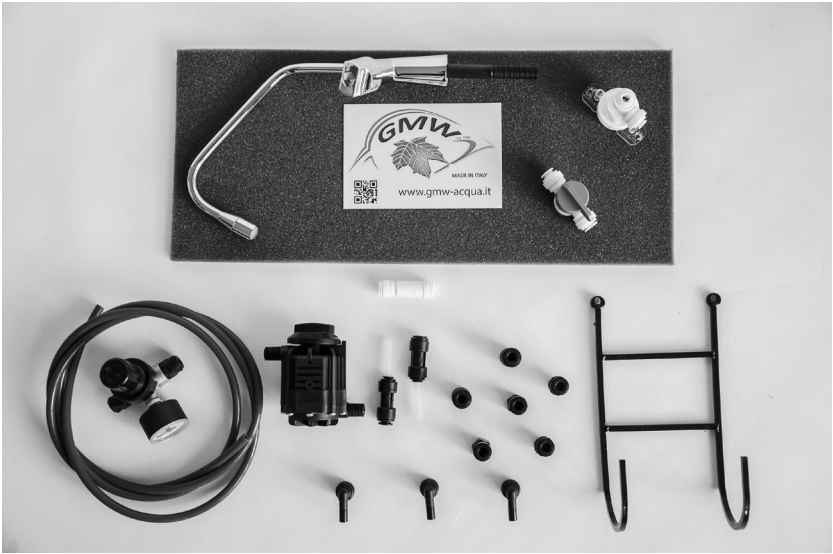
**DO NOT USE CHEMICALS TO CLEAN THE OUTER FILTER**

**USE ONLY ORIGINAL CONTAINERS SHELLS**

**GMW WON'T BE HELD RESPONSIBLE FOR THE LACK OF OBSERVATION AND RESPECT OF THE USE AND MAINTENANCE INDICATIONS ALREADY MENTIONED.**



Example installation kit



Example installation kit



## WARRANTY:

The filtering system **GMW J1** is warranted for 2 years starting from the delivery date (see fiscal document).

For the filter cartridge **J1 C1P** the substitution on warranty will happen only in case of production errors and through verification made by the producer.

*The warranty covers the components that present manufacturing errors that will promptly be substituted.*

Damages caused by negligence, wrong usage and/or wrong observation or usage of this manual must be excluded from this.

FOR ANY PROBLEM OR FURTHER INFORMATIONS ON THE PRODUCT **GMW J1** CONTACT YOUR SERVICE CENTER, VISIT OUR SITE [www.gmwj1.com](http://www.gmwj1.com) OR DIRECTLY CONTACT GMW AT THE ADDRESS: [info@gmw-acqua.it](mailto:info@gmw-acqua.it)

*We'll be happy to answer your questions.*

*30 years of experience in the filtration field are at your service.*

NOBODY WILL STOP SCIENCE ONCE SCIENCE HAS MADE TECHNOLOGY AVAILABLE FOR EVERYONE.

THROUGH ALL THESE YEARS MANY HAVE TRIED COPYING US, BUT WE'LL NEVER REVEAL OUR SECRET.

*Marco Gagliano*

**NOTE**



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