

JAPIN 嘉賓集團

iWater 金字塔能量活水機
高壓縮活性碳濾心保養及更換說明書



iWater 專用 高壓縮活性碳濾心保養及更換

/美國原裝進口/



- * 產品名稱：高壓縮活性碳濾心
- * 型號：MWB046

* 特點：

- 金字塔能量活水機通過NSF美國國家衛生基金會檢驗及認證，符合NSF/ANSI第42號標準，證實能濾除水中氯胺、餘氯、異味、微粒子。同時通過第53號標準，能濾除石棉、氯丹、鉛、汞、甲基氯、多氯聯苯、毒殺芬、濁度、囊胞菌、揮發性有機化合物及放射性物質氫。亦通過第401號標準，能濾除阿替洛爾、卡馬西平、待乙妥、利谷隆、眠爾通、莫多草、甲氧苄啶、磷酸三（2-氯乙基）酯、磷酸三（2-氯丙基）酯、雙酚A、雌酚酮、布洛芬、奈普生、壬基酚、苯妥英，為NSF第一級生飲水標準。
- 高壓縮活性碳濾心通過NSF/ANSI第53號標準認證，可有效減少揮發性有機化學物；同時通過第401號標準認證，認證是針對附帶型污染物/新興化合物，檢測依據係以附帶性污染物在供水源中能被檢測出的化合物濃度，已經達到會影響公共生飲水品質的程度，請參見產品性能表來了解個別污染物之過濾效能。

* 注意事項：

1. 金字塔能量活水機只限接冷水水源，限定操作 水溫為5~38°C，限定操作水壓30~100磅/平方英寸（30~100psi）或1~7.0公斤/平方公分（2.1~7.0kg/cm²）。
2. 不可循環使用。
3. 操作水源：自來水，請勿將濾心使用於未經消毒、品質不確定之水源。金字塔能量活水機經證實可濾除消毒過後水源中尚殘留之囊胞菌。

* 何時需更換活性碳濾心

- 濾心之壽命會因為使用的水量與水中污染程度之不同而有變化。為了符合過濾效能並維護您的飲水品質，建議您於每年或發生下列任何一項情形時，請即刻更換濾心：
 - <a>每年更換。
 - 當使用水量已達4,500公升（1,200加侖）負荷（請參閱《使用安裝說明書》）。
 - <c>水流量降低時。
 - <d>所過濾出來的水有不良的口感或異味。

更換高壓縮活性碳濾心注意事項

更換完高壓縮活性碳濾心後，為使活性碳濾心內多餘活性碳粉末排出，請將鵝頸龍頭打開放水至少20分鐘，放流時間視水壓高低增減；有時水壓較低地區放流時間需達30分鐘甚至更長。經放流後，出水時仍可能流出極少量活性碳粉末，並不會帶來任何健康上的影響，請安心飲用。如確認沒有活性碳粉末流出，也屬正常現象，敬請安心使用，或使用市售“餘氯測定液”檢測，如結果正常即代表濾心是安全無虞的。

提醒您！

1. iWater金字塔能量活水機所使用SUS304不鏽鋼材質，於一般情況下擁有優良的抗鏽能力，但由於台灣本島所使用的自來水，與離島、沿海地區海水淡化之自來水及地下鹽化水質中含有較高濃度的氯化物（如海水中的氯化鈉、氯化鎂、氯化鉀等），會導致原水中鹼性濃度較高而具有腐蝕性，易造成不鏽鋼鏽蝕。
2. 不鏽鋼材質經延展加工、車牙與拋光等製程後，會產生“弱磁性”現象，經長時間使用，水中礦物質離子或其他金屬離子（家中水塔無定期清潔、自來水管線老舊、水質汙染物改變等因素），會自然沉積於不鏽鋼瓶底處、接縫處與加工部位，於視覺上看似鏽蝕顏色等現象，但皆不影響過濾效能，敬請安心使用。提醒您！請依照使用標準定期更換高壓縮活性碳濾心，就能有效吸附、移除上述物質；同時請定期參加每年3~6月期間的『水機尊榮健檢』，以利延長鋼瓶壽命。
3. 偶發現使用過的活性碳濾心白色不織布上有局部(全部)汙染物附著，請先行檢查陶磁濾心是否有破損或沒有旋緊，其可物理性隔離水中泥沙、雜質、細菌等，如果確認都無誤的話，則需考慮到水中汙染物其色素分子是非常細微的，因此會附著於白色不織布上而造成此現象，加上水質日益嚴重、汙染物瞬息萬變，每年定期更換原廠高壓縮活性碳濾心皆可有效吸附水中之有害重金屬、化學物質與農藥等，敬請安心！

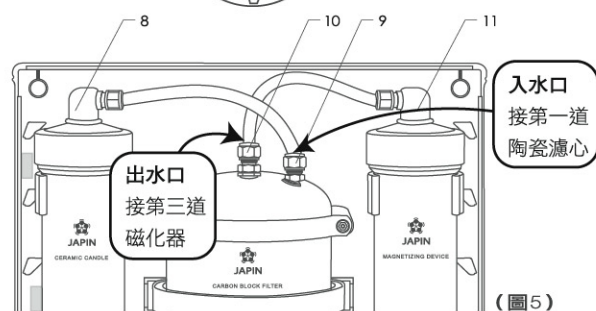
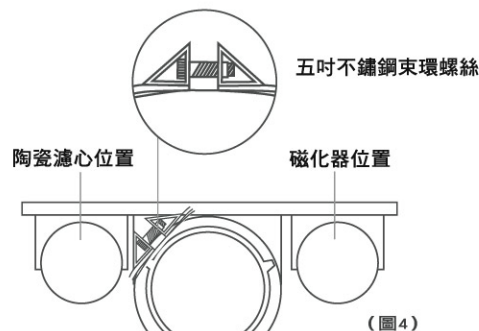
* 高壓縮活性碳濾心更換步驟

- (1) 先將三分考克關掉（圖1），再將鵝頸龍頭打開放出餘水。
- (2) 將高壓縮活性碳濾心鋼瓶上入水及出水接頭螺帽旋鬆，並將PU水管從接頭取下。
- (3) 用六角扳手（圖2）將活性碳濾心鋼瓶兩旁的螺絲旋下，取下扣環，即可取出活性碳濾心鋼瓶。
- (4) 用六角扳手將活性碳濾心鋼瓶五吋不鏽鋼束環螺絲旋下，取下束環。
- (5) 打開鋼瓶並將高壓縮活性碳濾心旋下。
- (6) 新的活性碳濾心有附一個新的優能膠環，請記得更新並將膠環箭頭向上（如圖3）。全新高壓縮活性碳濾心內所付之白色優能膠環為阻隔未過濾完全之水源進入磁化器，請每年與濾心同步更換，以免因材質彈性疲乏造成未完全過濾之水源汙染。由於優能膠環會與未過濾完全之水源接觸，水源汙染物（重金屬、化學物質等）會附著於其上，造成優能膠環變色及滑膩感，此現象並不會影響過濾品質，敬請安心使用。
- (7) 將新的活性碳濾心旋上，勿過分旋緊，以免優能膠環變形造成水質過濾不完成之隱憂。
- (8) 將鋼瓶結合，並將五吋不鏽鋼束環螺絲於鋼瓶貼紙↓處固定好。
- (9) 依上述相反程序置回活性碳濾心束環，固定口請向左後方置入並鎖回扣環即完成（如圖4）。
- (10) 使用一年以上的活性碳濾心，其外觀可能會產生黑色大小不均的區塊，這是因為濾心外層表面不織布密度不均之故，使用愈久，受水壓沖擊會愈為明顯。再者，此不織布僅作為包裹活性碳濾心之用途，與過濾效能並無關聯，並非瑕疵品或仿冒品，敬請安心使用！

◎接回高壓縮活性碳濾心鋼瓶上方PU水管時，請注意入水管接回位置（如圖5，8與9相接，10與11相接，詳細請見安裝說明書第8頁及第30頁）。

◎接回PU水管時，必須插到底以防漏水，提醒您PU水管需每年定期更換，以確保飲水品質。

如有任何問題可參閱金字塔能量活水機使用安裝說明書或電洽瑛誼公司



Maintenance and Replacement of the JAPIN Carbon Block Filter (MADE IN USA)



*** Product name : JAPIN Carbon Block Filter * Model No : MWB046 iWater Model**

* Features:

The iWater Drinking System is tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chloramine, Aesthetic Chlorine, Taste and Odor, and Nominal Particulate reduction, class I and Standard 53 for the reduction of Asbestos, Chlordane, Lead, Mercury, MTBE, PCB, Toxaphene, Turbidity, Cysts, VOCs and Radon. NSF/ANSI Std 401 for the reduction of Atenolol, Carbamazepine, DEET, Linuron, Meprobamate, Metolachlor, Trimethoprim, TCEP, TCP, Bisphenol A, Estrone, Ibuprofen, Naproxen, Nonyl phenol, Phenytoin.

Japin Carbon Block Filter conforms to NSF/ANSI 53 for VOC reduction. See performance data sheet from individual contaminants and reduction performance. NSF Standard 401 has been deemed as "incidental contaminants / emerging compounds". Incidental contaminants are those compounds that have been detected in drinking water suppliers at trace levels. While occurring at only trace levels these compounds can affect the public acceptance/perception of drinking water quality.

* When to change the JAPIN Carbon Block Filter:

Filter life will vary in proportion to iWater consumption and the level of impurities in the water being processed. It is recommended that filters be replaced annually or sooner if needed. For optimum performance and to maintain your warranty, it is essential that the filter be replaced on a regularly scheduled basis as follows:

(a) Annually | (b) When the filter capacity has reached 1200 gallons.

(c) The flow rate diminishes. | (d) The filter becomes saturated with bad taste and odor.

* Notes on first use of the JAPIN Carbon Block Filter:

When you first install the system or when you replace the carbon block filter, it is recommended to allow a minimum of 20 minutes to flush the iWater Drinking System. Higher water pressure may cause shorter flushing periods. However, if the water pressure is low a flushing period of 30 minutes or more maybe required. After this time period, there may be some carbon particles present. These particles pose no health risk and will not harm you if you drink the water.

* Steps to replace the JAPIN Carbon Block Filter:

1. Turn off the water supply by turning off the 3/8" gage valve (figure 1), and turn on the spout to drain off residual water.
2. Loosen the carbon block filter inlet and outlet connector nut, and remove the water inlet and outlet hose from the connectors.
3. Before removing the carbon block filter, loosen the screws on both sides of the carbon block filter housing with an Allen wrench (figure 2). Remove the 5" housing holder then you may remove it.
4. Use the Allen wrench to loosen the fastening ring nut.
5. Open the housing and remove the carbon block filter.
6. The new carbon block filter is supplied with a new rubber ring, make sure to replace it as well (figure 3). The rubber ring attached on carbon block filter is intended to block unpurified water infiltrating into magnetizing device. In order to prevent inside water contamination caused by material elastic fatigue, the rubber ring and Carbon block filter should be replaced simultaneously and annually. The rubber ring may become greasy-look and color changed after contacting unpurified water and impurity (such as heavy metal material and chemical, etc), but it will not affect the filtration performance. Please use it without any worry!
7. Fit in the new carbon block filter.
8. Put back together the housing and fit the fastening ring nut right in the arrowheaded mark (silver sticker) on the surface of the housing.
9. Place back the housing in the reverse steps as mentioned above. (figure 4)
10. If the carbon block filter has been used over one year, you might find some black different sizes of black regions from the appearance of filter. That's because of the outer-layer non-woven textile fabrics of filter's density is uneven. As it's used longer, it's more obvious because of the water attack. The function of non-woven textile fabrics is for wrapping filters up. It's not related to effectiveness. The filter is not a defect, please use at ease.

@Notes:

(1) To connect the water hose above the carbon block filter housing, the correct positions for connecting the hoses are:

∴ Connect the hose from the water outlet connector above the ceramic candle housing to the carbon block filter water inlet connector above the carbon block filter housing.

∴ Connect the hose from the carbon block filter water outlet connect or above the carbon block filter housing to the water inlet connector above the magnetizing device

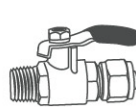
see the designated section number 8, 9, 10, 11 of installation & users manual on page 7 & page 29. (figure 5)

(2) To connect back the water hoses (blue arrows and red arrows), you need to insert fully the hose until it touches the end to avoid leaking.

(3) Position the screw side of the fastening ring inside the back chassis when replacing the carbon block filter in order to close the front cover smoothly. (figure 4)

* Attention:

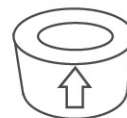
1. The safe temperature range of operation is 5°C~38°C (41 °F~100 °F)
2. Water supply: Tap water.
3. Do not re-use the discarded filter.
4. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the iWater drinking system. Systems certified for Cyst reduction may be used on disinfected waters that may contain filterable Cysts.



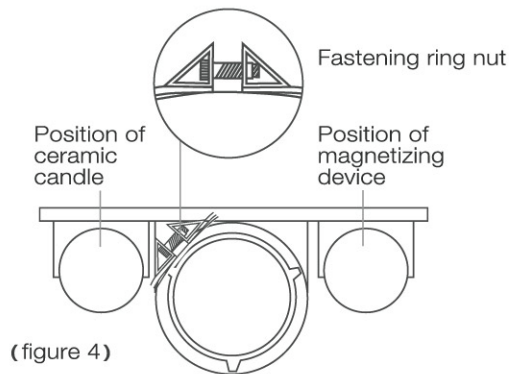
(figure 1)



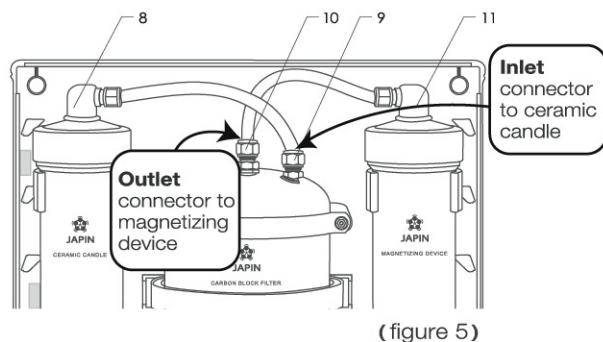
(figure 2)



(figure 3)



(figure 4)



(figure 5)



認證看得見



評定為 **Class I** 最高等級生飲水
榮獲 **NSF 42.53.401** 認證

NSF International

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

Japin Group / INOVA Green Tech.
Facility: Feng-Yuan, Taiwan

AS COMPLYING WITH NSF/ANSI 42, 53, 401 AND ALL APPLICABLE REQUIREMENTS.
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.



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Accredited by the
American National
Standards Institute



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of Canada

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JAPIN 嘉賓集團

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