

## **FAQs - Use of Magnetic Water Conditioners / Softeners For Apartment Complexes / Condos / Residential Co-operative Housing Societies**

### **Part - 1**

Magnetic Water Conditioner suitable for the needs of most apartment complexes, condos, and residential co-operative housing societies are our Models SW25 which fits water pipe with diameter of 1.0 inch (25 mm) to 1.5 inch (36 mm) and SW50 which fit water pipe with diameter of 2.0 inches (50 mm) to 2.5 inches (63 mm).



If the tds / hardness exceeds 300 mg/L you will need 2 units to be fixed in tandem on a PVC water pipe from the outlet of the storage tank. If the tds / hardness of the water exceeds 600 3 or more units may be required to be put in tandem.

Pipe material at the point where these units are to be mounted (clamped to the outside of the pipe) must be a non magnetic material, preferably PVC.

If the source of the water is bore well, two units must be mounted after the storage tank supplying water to the apartment building.

Mounting is basically a clamp on procedure and does not require any tools or a plumber, if your existing water pipe from the storage tank is PVC.

Our Magnetic Water Conditioners will help to gradually dissolve the existing calcium deposits (over a period of 3 to 6 months) and also simultaneously prevent the formation of new calcium deposits on the plumbing and appliances (clothes washers, water purifiers, dish washers, taps, shower heads and commode valves, etc.) in your apartment building.

## Part - 2



Our Magnetic Water Conditioners work through all types of Non Magnetic Materials. This means that it will not work through iron pipes. Copper or stainless steel (non magnetic) is fine.

UPVC pipes are okay for use with our magnetic water conditioners.

If you wish to protect your solar water heaters and the inlet pipe to your solar water heaters is 2.0 inches, you will need an addition unit SW50 (which is suitable for 2.0 inch (50 mm) to 2.5 inch (63 mm) diameter pipe) to be fitted at that location. This will prevent the formation of calcium deposits inside the solar water heater and make it work more efficiently all year round.

It is important to install 2 or more units in tandem after each storage tank which supply water (cold or hot) to your apartment buildings, if the water hardness exceeds 300 ppm. Depending on the water pipe diameter at each location, you can select Model SW25 for 1.0 inch (25 mm) to 1.5 inch (36 mm) pipe or SW50 for 2.0 inch (50 mm) to 2.5 inch (63 mm) pipe. These models are sufficient for residential use. The Heavy Duty Models are for industrial and commercial use and are very expensive for use in smaller apartment complexes / condos and co-operative societies.

Magnetic Water Conditioners are suitable for all flow rates and liters of water. The selection is to be done based only on pipe diameter and are good for the maximum capacity (flow rate) of each pipe diameter.

Magnetic Water Conditioners do not add or subtract anything to the water. They alter the molecular structure to prevent new calcium scale and help dissolve old calcium scale from the pipes and plumbing fixtures. So all the minerals required for good health are preserved in the water supply. Removing these important minerals is not healthy for the human body. Nature intended humans to drink eco-friendly ground water. Magnesium is very important for good cardiac health.

There are no moving parts or parts that can wear out or need periodic replacements in our magnetic water conditioners. If the units are mounted in a secure place they will last for

over a few decades. The magnetic potency of the units does not significantly degrade over time.

### **Part - 3**

The product is covered by a one year parts and labor warranty from the date of purchase.

The product has no moving parts and therefore no wear and tear or replacement of parts or periodic service is required.

So the product should give over 10 years of trouble free service. The life of the permanent magnets used is over 25 years.

It is suggested to provide a weather enclosure around these units to protect it from extreme temperature, wind and rain. This way the life of the units installed can be extended to 25+ years.

Magnetically treated water is useful for spa / swimming pools and for landscaping / garden and will create more healthy grass, flowers and trees.

Magnetically treated water will save apartment owners thousands each year by way of plumbing inside the apartment (taps, shower heads, commode valves), laundry / clothes washing machines, dish washers and Aqua Guard type water disinfectant units.

Magnetic water has certain health benefits and can be used to treat drinking water from your in house water purification / Reverse Osmosis unit. For this purpose Magnetic Water Conditioner should be installed after the RO unit. We have a small magnetic water conditioner for use with Aqua Guard (and other similar water disinfecting units) for achieving magnetic health benefits for drinking water. We can provide these units to your apartment owners if they are interested. This can be affixed to the output of the AquaGuard unit. Please see attached data sheet. Please see slide showing good health effect of magnetic field on Red Blood Cells.

Attached below are Testimonials of a few successful installation done in India by commercial organizations.

You may also download for your perusal a paper presented by SpaceAge Research Labs for the Health Ministry - Government of India at the prestigious Tamil Nadu Agricultural University (TNAU), Coimbatore (March 2006) where the use of Magnetic Water Conditioners has been highlighted. The link to download this paper is:

<http://www.space-age.com/NutritionalFarmingSeminar.pdf>

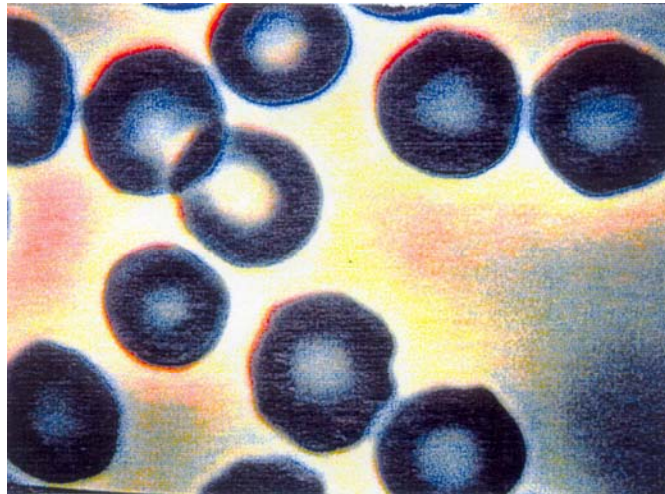
**INNOVATORS IN BIO-MAGNETICS !**

## MICROSCOPIC VIEW OF RED BLOOD CELLS



**Figure 1. WITHOUT MAGNETIC FIELD**

Note the red blood cells travel in clusters; typical of fatigue, stress or health problems .... present in most people in varying degrees.



**Figure 2. WITH MAGNETIC FIELD**

The supplementary magnetic field of *SpaceAge* Bio-Magnetic Products influences the iron in the blood cells, spins the cells around and points them in one direction. This alignment or polarization of the red blood cells allows the cells to repel each other and frees up much more surface area to carry oxygen and release more carbon dioxide.

***SpaceAge***®

**SPACEAGE INTERNATIONAL**

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## MAGNETIC WATER FILTER



Use this high-quality Filter to magnetize hot or cold liquids. Contains a strong magnetic field which enables our Filter to instantly magnetize liquid of all kinds. Magnetic Filter imparts a finer and more homogeneous structure of liquids which significantly enhances the fluidity, dissolving ability and biological activity of liquids.

### Benefits of Drinking Magnetized Water

1. Better taste imparted to the water
2. Reduced acidity and helps to regulate body pH.
3. Magnetized water has a generalized therapeutic effect on the body especially in the digestive, nervous and urinary systems.
4. Drink daily before meals for stomach and intestinal problems.
5. Drinking magnetized water should be part of your daily health maintenance program.
6. Drinking magnetized water dissipates toxic deposits within the body connective tissues. The body is 70% water and the body water is renewed every two weeks.
7. Magnetized water has been reported to help clear clogged arteries, normalize the circulatory systems, and regulate heart function.
8. Drinking magnetized water may be beneficial for kidney ailments, gout, obesity, and premature aging.
9. Magnetized water is used to relieve pain, reduce swelling, and for the removal and prevention of kidney stones.
10. Magnetized water infuses energy into the body, reduces acidity of the gastrointestinal tract and stimulates brain activity.

Instructions: Pour hot or cold liquids through the Filter into a drinking glass. Drink immediately after pouring.

***SpaceAge*® International**

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**INNOVATORS IN BIO-MAGNETICS !**





BEST WESTERN  
*The Emerald*

September 18, 2000

**TO WHOMSOEVER IT MAY CONCERN**

Magnetic Water Conditioners provided by SpaceAge Concepts (India) Ltd., Mumbai, were installed in 1997 on Water Pipelines to our Air conditioning Plants and Heat Pumps. We use Hard Water from our Bore Wells for the Air conditioning Plant in our 100 room Hotel.

Over the last 3 years of use we have not had the need to Chemically clean and descale the pipes even once, nor have we observed any Calcium Scale buildup or deposit on both the Cold and Hot Water pipeline during our repeated monthly inspections over the entire duration of this 3 years period.

We are completely satisfied with the performance of SpaceAge Magnetic Water Conditioners and do not have any hesitation to recommend the same without any reservation what so ever.

Sincerely,

for **Best Western - *The Emerald***

**Chetan Mehta**  
Director



**सेन्टॉर होटल जुहू बीच**  
**CENTAUR HOTEL JUHU BEACH**

TEL. NO. : 611 30 40  
FAX : 91-022-611 63 43

जुहू तारा रोड, जुहू, मुंबई - 400 049.  
JUHU TARA ROAD, MUMBAI - 400 049.

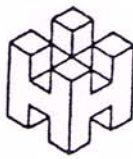
August 25, 2000.

**TO WHOMSOEVER IT MAY CONCERN**

M/s Space Age Concepts (I) Ltd. has supplied and installed 4 Nos. Magnetic Water Conditioners Model SW 100 on our cold storage condensor system containing 10 Nos. Cold Storages and 3 Nos deep freezers in August, 1999. The magnetic water conditioner were installed on 100 mm dia copper pipe by replacing old MS pipe of 100 mm dia for the required portion.

No chemical descaling has been carried out on the system during the last two years. The Condensor tubes were physically checked in July, 2000 at a couple of different locations and no scale was observed inside the tubes. Earlier scale formation was found removed. The performance of the condensers is found improved after installation of the Magnetic water conditioners.

(C.N. MURLIDHARAN)  
MANAGER ENGINEERING.



# HIRANANDANI GROUP OF COMPANIES

17th September, 2001

TO WHOMSOEVER IT MAY CONCERN

This is to certify that last year we have installed 7 (seven) units of SpaceAge Heavy Duty Magnetic Water conditions Model SW100HD on our 4 inch Water pipe line at Hiranandani Gardens for our Central Air-conditioning Plants.

The same are working satisfactory and we have no hesitation to recommended SapceAge range of Magnetic Water Conditions.

Sincerely;

for HIRANANDANI GROUP OF COMPANIES

GIRISH PANCHAL  
PROJECT MANAGER (MECH.)



# *Val Orchids Pvt. Ltd.*

**OFFICE:** 14, Glasswala Building, New Sahakari Bhandar Compound,  
21, Guru Nanak Road, Bandra (W), Mumbai - 400 050, INDIA.  
**Tel. :** 640 2574, 645 4244, 640 4118 • **Fax :** 91-22-645 2614, 651 6004.  
**Email :** kvalles@hotmail.com • **Website :** <http://www.orchidsasia.com/val/>



December 23, 2002

The Director  
SPACEAGE CONCEPTS (INDIA) PVT. LTD.,  
9/123, Marol Co-op. Indl. Estate  
Andheri (E)  
Mumbai 400 059

Dear Mr. Pramod Vora:

We thought miracles happened only to a chosen few. How wrong I was! It can happen to anyone who wants it. I am referring to the use of your magnetic therapy to the field of Floriculture and Horticulture.

I applied the same treatment of the Orchids I cultivate near Mumbai. The results were sensational and stunning! On your advice, I applied your on-line magnetic on my irrigation system. The results showed excellent result as far as the quality of flowers, the size and quantity of flowers, as well as the extended life of the flowers and flowering pattern. So! It is possible to create our own miracles! Thanks.

Please keep me informed of future developments undertaken by your Company.

For VAL ORCHIDS PVT LTD.

Rudolph J Valles.  
Director.

# Ashok Colaco

'Augustine'  
Augustine Colaco Road  
Malewadi, Mercas  
Vasai (W) Dist Thane

January 08, 2003

To  
SpaceAge Concept (India) Ltd.  
9/123, Marol Co-op. Indl. Estate  
P. O. Box 7432  
Andheri (E)  
Mumbai 400 059

Dear Sir:

Few years back. I had purchased one 2½ Inch ID unit (Magnetic) from you.

I used that unit for Red Pumpkin, where increase yield was noted upto 30 to 40%.

In Onion the same increase yield was noted upto 25 to 30%.

This is for your kind information please.

Thanking you,

Yours faithfully



Ashok A. Colaco

Letter

No.SDI/99-20000/Space Age/Vipra-6  
Commissionerate of Agriculture,  
Maharashtra State,  
Pune-411001, 12th August, 1999

To,

The Joint Secretary,  
National Committee on Use of Plastics  
In Agriculture,  
Himalaya House, 2<sup>nd</sup> Floor,  
23, Kasturba Gandhi Marg,  
New Delhi-11 0001

*Subject:- Inclusion of Magnetic Fluid Conditioner in Drip as a optional item*

Sir,

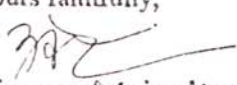
With reference to the above subject, it is stated that Space Age a supplier of magnetic fluid conditioner device has approached for inclusion of these conditioners as a optional item in drip sets.

The proposal has been discussed in our State Level Committee. Magnetic water conditioners affect the carbonates and bicarbonates and other soluble salt molecules like calcium and magnesium. As unconditioned water passes through a properly designed magnetic conditioning device the principle of magnetic resonance causes the rupturing of breaking apart of clusters of water molecules. It is known that conditioned water can take crystallized calcium carbonate back into solution conditioned water also more easily dissolve other minerals such as magnesium, nitrogen, phosphorous, potassium, etc. which are needed for plant growth. It is mainly helpful for avoiding clogging in drippers, as the complexes of  $\text{CaCO}_3$ ,  $\text{MgCO}_3$  never get formed. The technical booklet is attached herewith.

You are therefore requested that above mentioned device may be considered as a optional item in drip set. The cepy of I.I.T. report is enclosed herewith.

Thanking you,

Yours faithfully,

  
Commissioner, Agriculture

Copy f.w.cs.

✓ M/s Space Age Concepts(I) Ltd., 9/123, Marola Coop. Industrial Estate, Sagbaug, P.O.Box 7432, Andheir(E), Mumbai-400059.

Recd on  
19/08/99



July 22, 1999

TO WHOM! SO EVER IT MAY CONCERN

This is to certify that Magnetically treated water is capable of dissolving existing Calcium Scale in pipes and nozzles carrying Hard Water and also prevent the formation of new Scale.

I have therefore no hesitation in recommending the Magnetic Water Conditioners of SpaceAge Concepts (India) Ltd, Mumbai 400 059. as essential components of Drip Irrigation Systems for Agriculture



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Prof ( Dr.) V. P. Sunder Singh Ph. D.  
Electrical Engineering  
Indian Institute of Technology  
Powai  
Mumbai 400 070