



Warranty and Guarantee Installation Instructions

International Magnetic Solutions Pty Ltd

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GROWFLOW MAGNETIC WATER CONDITIONERS

Thank you for your purchase of the GrowFlow Magnetic Water Conditioner ("GrowFlow Unit"). We trust that your GrowFlow Unit will give you many years of reliable service. Before installing the GrowFlow Unit please carefully read the information in this booklet as it contains important information on safety precautions and installation instructions which must be followed in order for the warranty and guarantee to remain valid.

Here is some feedback from happy customers:

H., Kingaroy QLD

Using extremely salty Class 5 salinity water with extremely high calcium levels for lawns and gardens. *We are extremely happy with the unit, as you told me our water was the hardest water you had ever seen and you did not guarantee usage on my vegetable garden. I am very happy to say the vegetables are doing fine, as well as my kikuyu lawn.*

Ray McCarthy, Orielton, Tasmania

High Class 4 salinity bore water
"It's made a big difference to us. They said the water was too salty for growing raspberries, but they're doing fine with the magnetic water conditioner. And it's better in the house as well."

The Smiths, Cloncurry QLD

Using very hard (high calcium) bore and town water with Class 3 salinity
"We have really terrible bore water in Cloncurry. And the town water is even worse than our bore sometimes. The plants don't like it and it leaves white scale on everything you wash with it. The gardens look a treat now, and we can even wash the cars with it. No one washes their cars in Cloncurry! But we can because our water's clean now. Great stuff."

G. Bird, Rockhampton QLD (see before and after shots below)

High calcium bore water with some iron as well
"We have problems with calcium and iron in our bore water here at home. We got a magnetic conditioner for the house, and were showed how to get rid of the iron too. Now we get no more staining and no more white spots and streaks in the house."





6 inch (150 mm) flat design Magnetic water conditioner



Before and after effects on calcium scale in pipes

What the GrowFlow Unit does

GrowFlow treatment results in a physical change to the water molecules, minerals and salts present in the water. This change alters the effects and performance of the water, minerals and salts. The GrowFlow treatment does not alter the quantity of minerals and salts present nor does it alter their chemical composition.

Before and After Water Tests

Please note that the GrowFlow Unit is ***not intended for the purpose of removing impurities from the water.*** International Magnetic Solutions Pty Ltd does not advise the testing of water before it has been treated by a GrowFlow Unit and then testing a sample of the same water after it has been treated by a GrowFlow Unit. A comparison of the untreated water test results with the GrowFlow treated water test results will show minimal or no reduction in impurities because the GrowFlow treatment does not remove anything from the water.

Important Safety Precautions for Handling and Installation of the GrowFlow Unit

Before the GrowFlow Unit is handled and installed it is important to note that due to the powerful permanent magnets used in the manufacture of the GrowFlow Units the following precautions should be taken into consideration:

- Damage could occur to magnetic tape, audio tape, compact video and audio discs, computer tape and magnetic discs if these products are placed within one (1) metre of the GrowFlow Unit.
- GrowFlow conditioners will require special screening if installed within six (6) metres in distance to a boat or ship compass.
- Moving coil and moving iron instruments and sensitive measuring devices should also be at least four (4) metres in distant from the GrowFlow Unit.
- Certain pacemakers used by heart patients contain magnetic switches and people with pacemakers should not handle this product or come within two (2) metres of a GrowFlow Unit.
- Other items such as watches may similarly be affected in close proximity to a GrowFlow Unit.

International Magnetic Solutions Pty Ltd
Newcastle, NSW, Australia.

125 Day Money Back Guarantee *(Conditions apply)*

International Magnetic Solutions provides a 125 day guarantee from the date of purchase of the GrowFlow Magnetic Water Conditioner (hereafter referred to as “the GrowFlow Unit”). This guarantee is applicable to the original purchaser of the GrowFlow Unit only.

Conditions of 125 day money back guarantee

This Guarantee is applicable only if the GrowFlow Unit is used for its intended purpose, i.e. for the prevention of build-up of scale.

This Guarantee will be void if:

- the GrowFlow Unit has not been installed strictly in accordance with the instructions supplied with it.
- the GrowFlow Unit has been exposed to prolonged temperatures higher than 90 degrees Celsius.
- the GrowFlow Unit shows evidence of physical or chemical damage.

Improvements gained by using the GrowFlow magnetic water conditioner may take a number of days of continuous operation to become apparent. Hence we recommend that the GrowFlow Unit be installed for a continuous period of 80 days before initiating any action on this Guarantee.

If the original purchaser of the GrowFlow Unit is not satisfied, and after consultation with International Magnetic Solutions Pty Ltd or their Authorised Agent, International Magnetic Solutions Pty Ltd or their Authorised Agent will refund the full purchase price less installation and delivery charges.

Refund Procedure

Before a refund will be given the following documentation must be provided to International Magnetic Solutions Pty Ltd or their Authorised Agent, together with the return of the GrowFlow Unit:

- the original sales invoice for proof of the date of purchase.
- proof of the date of installation showing that the GrowFlow Unit has been installed for a continuous period of 80 days.

This Guarantee and the following warranty do NOT include:

- Return freight costs.
- Costs to return any installation to its original state.
- Damage to appliances, plumbing or property as a consequence of the installation and use of the GrowFlow Unit.

PLEASE NOTE: If no claim as to the operation and effectiveness of the GrowFlow Unit has been made within 125 days (4 months), of the invoiced date of purchase of the GrowFlow Unit in question International Magnetic Solutions Pty Ltd or their Authorised Agents will consider that the GrowFlow unit is effective.

3 Year Manufacturer's Warranty *(Conditions apply)*

International Magnetic Solutions Pty Ltd provides a manufacturer's warranty for a period of three years from the invoice date of purchase to the original purchaser only. The original sales invoice must be provided for all warranty claims.

Conditions of Manufacturer's Warranty

This Manufacturer's Warranty will be void if

- the original sales invoice cannot be provided as proof of the purchase date.
- in the opinion of International Magnetic Solutions Pty Ltd or its Authorised Agents:
 - the GrowFlow Unit has not been installed in accordance with the instructions provided.
 - the GrowFlow Unit has been exposed to prolonged temperatures higher than 90 degrees Celsius.
 - the GrowFlow Unit shows evidence of physical or chemical damage.
- This warranty does not include labour costs for the removal or reinstallation of the GrowFlow Unit in question.

PLEASE NOTE: This warranty is void if, after inspection, International Magnetic Solutions Pty Ltd or their Authorised Agents believe the damage indicates that the bolts on a GrowFlow Clamp On Model have been excessively tightened contrary to installation instructions (see Installation Instructions).

25 Year Magnet Guarantee *(Conditions apply)*

International Magnetic Solutions Pty Ltd guarantees that the permanent magnets used in the manufacture of the GrowFlow Unit will produce a magnetic field for a period of 25 years from the original date of purchase.

The permanent magnets used in all GrowFlow Units have been quality tested to not lose more than 3% of their field strength over many years.

Conditions of 25 Year Magnet Guarantee

This guarantee is void if in the opinion of International Magnetic Solutions Pty Ltd or its Authorised Agent, after the date of original installation:

- the GrowFlow Unit has not been installed in accordance with the instructions provided.
- the GrowFlow Unit has been exposed to prolonged temperatures higher than 90 degrees Celsius.
- the GrowFlow Unit shows evidence of physical or chemical damage.

Installation Instructions

Installation of GrowFlow Clamp-On Models

1. The two halves of a Clamp-On GrowFlow Unit are assembled when packed.
2. Remove the bolts.
3. Place the two halves over the pipe and re-insert the bolts.
4. Tighten the bolts a half turn past “finger tight”. **If in the opinion of International Magnetic Solutions Pty Ltd or their Authorised Agents the damage to a GrowFlow Unit returned for a warranty claim indicates that the bolts on a GrowFlow Clamp On Model have been tightened excessively, the warranty will be void.**

Important Information & Precautions

Do not install a GrowFlow Clamp-on Unit onto a galvanized iron or mild steel pipe. The efficiency of the GrowFlow Magnetic Water Conditioner will be greatly reduced because the mild steel will short-circuit the magnetic field as it is a magnetic material.

GrowFlow Magnetic Water Conditioners can be installed on pipes made of any non-magnetic material i.e. copper, pvc, polythene, brass, some stainless steel, aluminium, plastic.

There may be a gap between the two halves depending on the wall thickness of the pipe, copper pipe - no gap, pressure pvc 10-12mm gap.

Installation of GrowFlow Flanged Models

1. To Install a GrowFlow Flanged Model cut out piece of the pipeline and fit flanges so that the distance between faces of the flanges are equal to the length of the GrowFlow Unit, plus the thickness of two rubber gaskets that would be placed between the pipe and GrowFlow flanges.
2. Lower the GrowFlow Unit into place, fit a rubber gasket between the two sets of flanges and bolt them together.
3. If the Flanged GrowFlow is fitted into a steel pipeline, the earth link between the two cut ends of the steel pipe must be re-established using correct electrician clamps and earth wire.

Earthing

For our GrowFlow Magnetic Water Conditioner to work efficiently, it is advisable that all systems should be earthed prior to treatment.

We would recommend to earth the water as it helps with the process by removing any electrical disturbance in the water which interferes with the magnetic field. If the water is salty it increases the electrical current so by earthing the water in the pipe it increases the magnetic field. For a non-metal pipe, you can attach a saddle which includes a brass fitting that is in contact with the water in the pipe. The brass fitting is then connected with a wire to an earthing electrode in the ground.

General Information

1. Install the GrowFlow Unit near the source of the water, i.e. outlet of the pump.
2. If water is to be stored in tank or dam, install the GrowFlow Unit after the storage. Some of the magnetic “effect” is lost in storage. In “closed loop” systems additional GrowFlow Units may be required, i.e. Evaporative air conditioners, cooling towers.
3. Install smaller GrowFlow Units at least 1 metre from large 3 phase electric motors.
4. Depending on the degree of hardness and the amount of scale build up in the pipes and plumbing there may be a “stabilization period” of up to 60 days before full benefits of the GrowFlow Magnetic Water Conditioner are experienced.



Designed and Manufactured in Australia by an Australian Owned Company
International Magnetic Solutions Pty Ltd
Newcastle, NSW, Australia.