

PRODUCT INFORMATION

FIBREGLASS VORTEX FLOWFORM KITS MK4



Living Water Flowforms

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THE VORTEX FLOWFORM

Flowforms are specially-designed concrete or fibreglass vessels which rejuvenate water by natural means.

The "Vortex" model Flowform is ideal for optimizing BioDynamic Preparations as well as converting effluent into useable water for plant/animal use.

In operation, three to seven Flowforms are arranged in a stepped formation (as shown), liquid is pumped into the top Form and then cascades naturally through the formation to a tub at the bottom. The liquid can be recirculated as many times as desired.

The secret of Flowform technology lies in the unique design configurations of the vessels themselves. The Forms are shaped internally so that the flow of the water emulates the swirls and vortices of a mountain stream. This swirling movement reoxygenates, revitalizes, and rejuvenates the water: suppressing bacteria and pathogens, and produces a life-bearing liquid suitable for crops or livestock.

"Vortex" Flowforms create pattern-of-eight movements in the water as it flows downward. Water entering each Form flows rhythmically left and right between the two vortices creating a lemniscate - an energy configuration recognised as one of the foundation patterns of all life. The marriage of these two opposing vortex energies imparts a powerful dynamism to the flowing water, noticeable after 20-40 minutes. This dynamism is imparted to both flora and fauna.

The "Vortex", one of the latest Flowforms designed by the master Flowform creator, John Wilkes, is a large Flowform with a variable flow rate of 50-250Ltr/min. Its remarkable efficiency makes it our most popular Flowform kit.

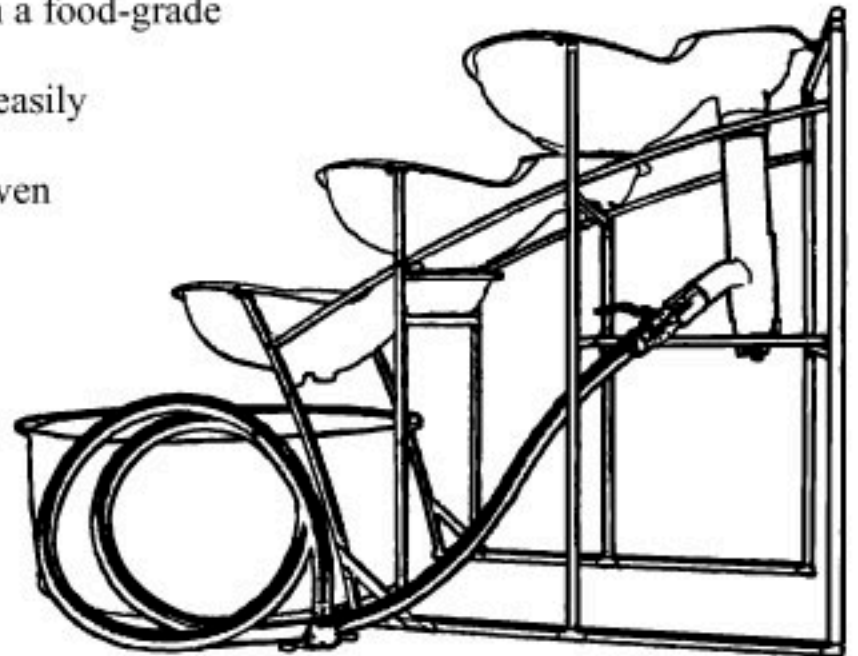


V7 KIT AT DON & MARK PORTERS BD FARM "ST. ELMO" ARMIDALE NSW



THE KITS 3, 5 & 7 MK4

- These kits are designed to enable quick and easy assembly. Following the enclosed instructions, lightweight steel frames (galvanised RHS) are joined with stainless steel bolts.
- The Flowforms are then lifted into place and secured.
- The new MK 1V structure stands 180mm higher and further forward, which improves drainage to the tub, & has the added facility of a drain valve in the base of the entry pipe (very handy for draining the last few litres).
- The V3 set of three Flowforms (our most popular) is 1.8 metres long by 1.52 metres high by 0.96 metres wide. At approximately 45kg the kit is easily lifted onto a ute or trailer.
- All plumbing pipes are of food-grade quality.
- Flowform units are made of marine-grade fibreglass sealed with a food-grade top coat.
- The revolutionary lightweight fibreglass Vortex Flowforms are easily portable.
- "Vortex" Flowforms come in sets of three (V3), five (V5), or seven (V7) units.
- The flexible hose connecting the pump to the top Form has 2 Camlock fittings, no more screw connections - just "click click" twice and the joins are secure.
- To drain or transfer the mix into the spray tank, simply turn off the top valve, drain the entry pipe then disconnect the top Camlock, & place hose into spray tank, & open the valve.
- Pump hoses are five metres long for V3's and V5's, seven metres for the V7.



USES OF FLOWFORMS

- Bio-dynamic preparations - are effectively stirred using Flowforms, as has been proven through extensive usage by Bio-dynamic farmers in Australia and New Zealand since 1987.
- Fish emulsions, seaweed, and liquid manures are just some of the solutions dramatically energised by the flowforms. Worm juice manufactures have reported more than significant improvements by using flowforms.
- Grey water and sewage treatment - use Flowforms in conjunction with reed beds, to create useable water which can then be used in the garden or paddock.
- Sewage treatment trials demonstrated increases in dissolved oxygen, thereby assisting micro-organisms to digest nutrients.
- Dairy and piggery effluent can be treated using Flowforms to create useable water suitable for spraying onto paddocks within 1-2 weeks instead of 3 months via the traditional anerobic method.
- Revitalising drinking water - Flowforms are used on town water, tank water and dams to enhance water's life giving properties. Microorganisms move in spinning and spiralling movements and processes. The rhythms of water created by the Flowform shape and proportion relates to these micro movements which supports life needed for vital water.
- Passing waste water through a Flowform system removes the causes of odours by re-oxygenation.
- Aquaculture - Flowforms oxygenate and revitalise water that creates a healthy environment that fish thrive in.
- Swimming pools - use Flowforms to keep the water more alive, thereby reducing the need for chemicals.
- Air conditioning plants - the use of Flowforms assists in the revitalisation of water in these evaporative living systems minimising pathogens.



FIBREGLASS VORTEX FLOWFORM STIRRING KITS MK IV

	Vortex 3	Vortex 5	Vortex 7
Number of flowforms	3	5	7
Material	Food Grade Gelcoat (Surface) Fibreglass Backing		
Colour	White Gelcoat / Lt grey underside		
Flow Rate - litres/minute	50-250 (180 optimum)		
Maximum volume for Bio-dynamic stirs/hour (litres)	1,000	1,900	2,800
To Spray Acres/Hctrs	66/26	126/51	186/75
Pump Supplied	AP12.40.06 submersible stainless steel Grundfos Vortex pump		
Plumbing Description	5 metre x 40mm Food grade flex hose 100mm entry "T" fitting + 2 camlocks 1 brass ball valve.	5 metre x 40mm Food grade flex hose 100mm entry "T" fitting + 2 camlocks 1 brass ball valve.	7 metre x 40mm Food grade flex hose 100mm entry "T" fitting + 2 camlocks 1 brass ball valve.
Dimensions (mm) (Length x Width x Height)	1.800 x 960 x 1.525	2.750 x 960 x 2.160	3.700 x 1.400 x 2.700
Crate or packing Dimension (mm)	Crate. 1.09 x 1.05 x .60 Steel 1.57 x .96 x .14	Crate. 1.09 x 1.05 x .60 Steel 2.75 x .96 x 1.8	Usually preassembled 3.7L x 2.7H x 1.4W or two sides + cross bar bundle
Total Shipping Weight	105 kg	150 kg	225 kg
Frame	Galvanised steel, welded and painted in zinc and assembled with stainless steel bolts.		
Hose Clamps	Stainless steel clamps used on all hoses		

Options

Tanks of 250 - 2,500 litres capacity
Colours

Hot dipped long life galvanised frames
Inline pumps

About Phil Sedgman

Phil spent 20 years in the Tasmanian wilderness exploring the natural environment and farming the land. His love of nature and inquiring mind led him to Bio - Dynamics. Intrigued by Flowforms, he became acquainted with moulds, forms and plugs and developed his own Flowform design in 1996. Struck by the magic, he wishes to impart this to you as a method of enlivening water and giving it life. He is now a Board member and technical adviser of the Biodynamic AgriCulture Australia and conducts lectures and workshops on Flowforms.