Cloverleaf

Experts In Aquatic Innovation

PRO-TECT (Digital)

Quick Start Guide

V1/11/22

Cloverleaf

Fig 1

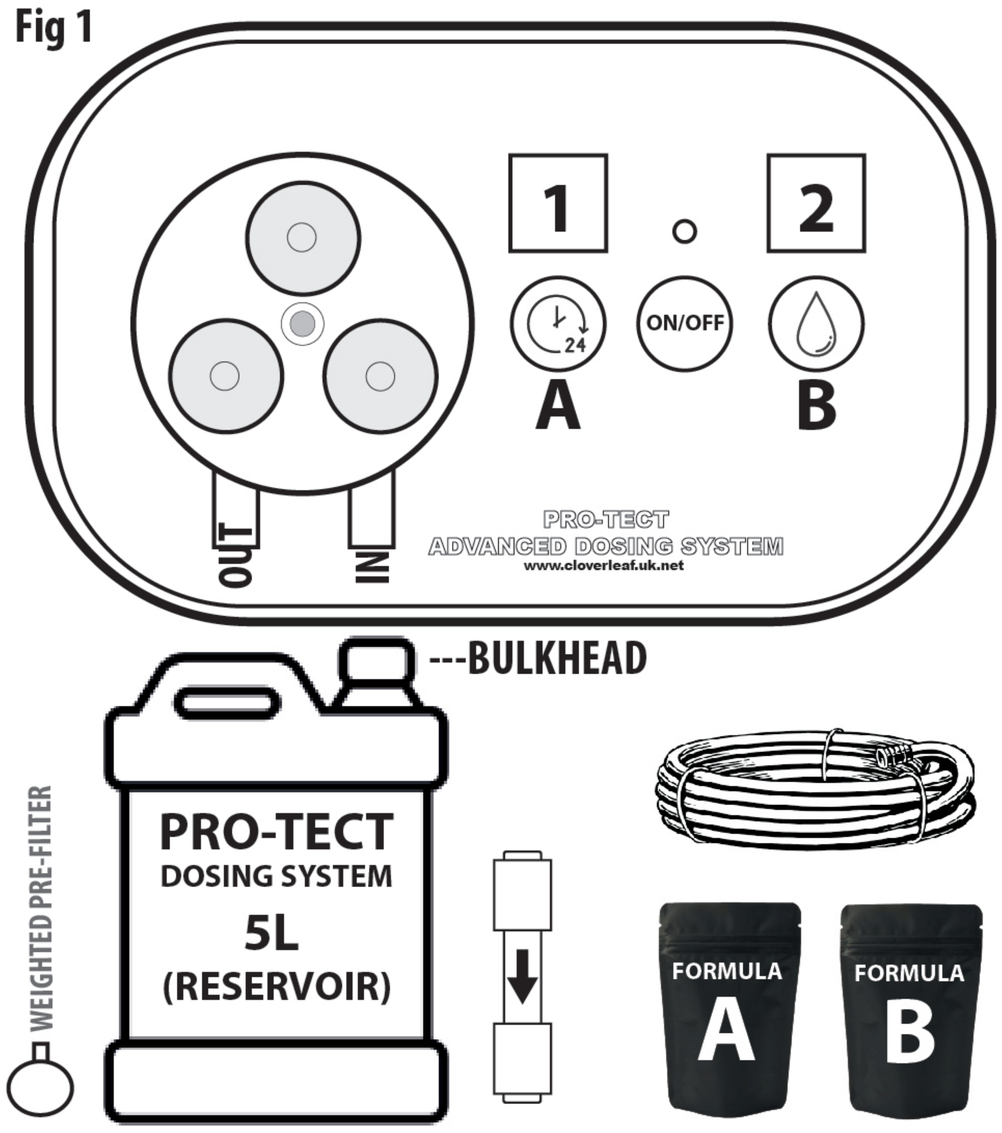
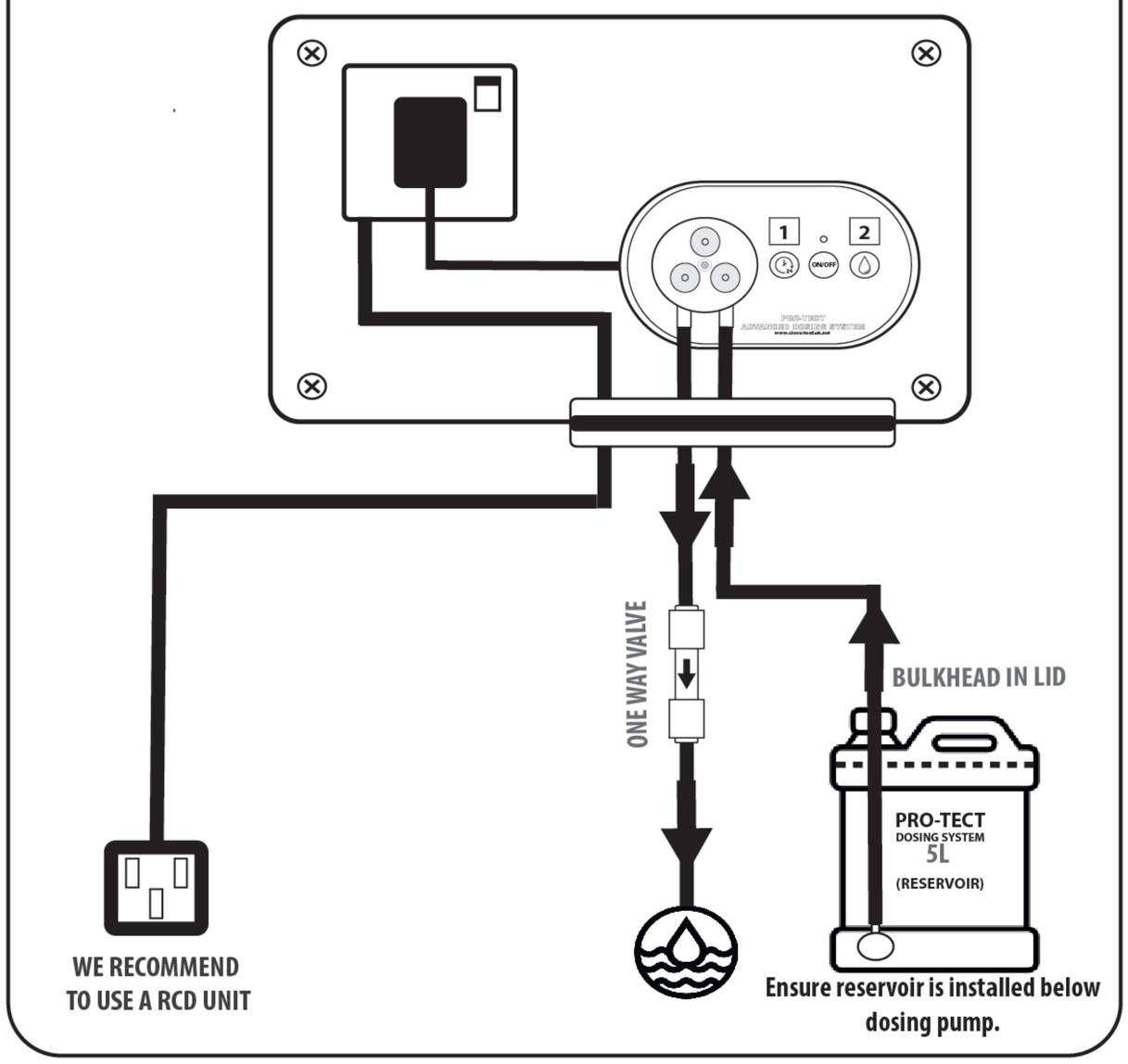


Fig 2

PRO-TECT
DOSING SYSTEM



Instillation instructions

(1) Mount the PRO-TECT dosing box in a suitable position to the pond to allow for easy access. Ensure you place the reservoir somewhere warm to prevent from freezing in cold temperatures. (see pic 1).

(2) Connect feed pipes to dosing pump (see pic 2 & 3).
*(Connect pipes as per diagram Fig 2 don't connect non return valve until first cycle has completed and a prime is established.)
The inlet pipe should be connected to the PRO-TECT reservoir with the supplied non return valve placed in-line.

Cut a length of pipe (28cm) to reach the bottom of the dosing reservoir and attach one end to the underside of the bulkhead fitting located on the reservoir screw cap and the other end push in the round weighted pre-filter. (see pic 4, 5, 6 & 7).

(3) Run the outlet feed pipe to the pond ensuring not to submerge below the water. (see pic 9).

(4) Time to power up the Cloverleaf PRO-TECT dosing system follow *(Setting up the PRO-TECT Dosing Pump Section)*

**Important: Ensure all pipes are free from kinks including silicon tubes attached green pump head inside pump housing before running. (see pic 10).*

Preparing Formulas A & B (1g/ml Scoop included)

Ponds need be treated with Formula A manually initially.

Then followed by Formula B applied as a maintenance dose to maintain the active strength within the water and continued to be applied throughout the year.

(1) (Day 1) First, fill the dosing chamber with 5 Litres of warm clean tap water. (see pic 8).

(See dosage calculator) Then measure out the required amount of Formula "A" & add to the reservoir containing the warm water, Gently stir until fully dissolved.

Allow the solution to stand for 10 minutes. Now your ready to distribute evenly around the entire surface of the pond this will bring the pond up to working strength.

(2) (Day 2) Prepare the formula B for automatic dosing in the same way as you did on day 1. **without adding directly to the pond** remember to adjust dosage for formula B !

Note: *(See dosage calculator) (Be sure to measure out the correct of Formula "B" this will always be half the dosage of "A")*

A new mix of Formula "B" is to be added to the reservoir every 14 days approximately thereafter.

Helpline: 01277 366002 or Visit our website www.cloverleaf.uk.net

Setting up the PRO-TECT dosing system

(1) Press button **(A)** until the number **.1.** is displayed. This will activate the Pro-Tect dosing pump once per day.

(2) Press button **(B)** until the number **.2.** is displayed. This is for the length of time that the Pro-Tect dosing pump will run.

(3) Press the power button ONCE! A green power indicator light will show *(you will not be able to adjust any settings when green light is on to change settings press on/off till 00 00 is displayed)*. The pump will now activate & run a dosing cycle.

(4) Once first cycle is completed at this point attach the non return valve to the outlet tubing you are now set up to automatically dose every 24hrs.

"You will not need to adjust these settings only the amount of formula that is required for different water volumes".

You will have to make a new mix and top up the reservoir once it has emptied this will take approximately every ***14 days***.

Repeat step **(2)** from section titled preparing Formulas A & B.
Note in case of a power outage the PRO-TECT dosing pump may need to be reset simple Follow steps 1-2 in Settings section (above).

Dosage Calculator

Water Volume Calculator:
Measure in feet- Length x Width x Average Depth x 6.25 = Total Gallons
Measure in centimeters - Length x Width x Average Depth = cm^3 ÷ 1000 = Total Litres

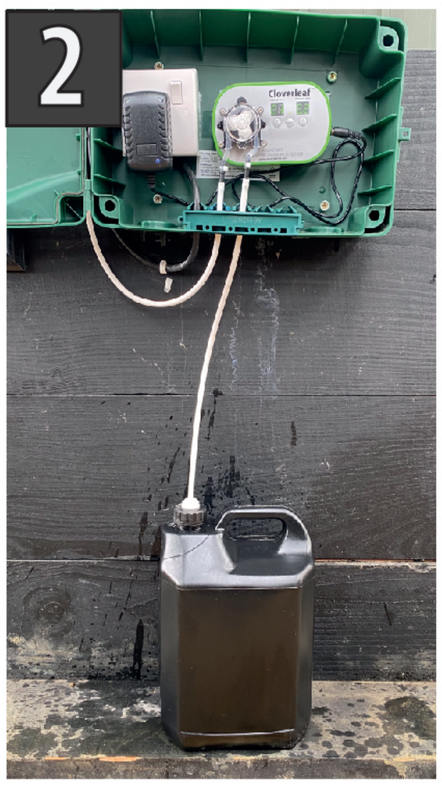
For Gallons
Formula "A" *0.015 x Total amount of Gallons = Total grams required.*
Formula "B" *Take grams needed For "A" ÷ by 2 = Total grams required.*

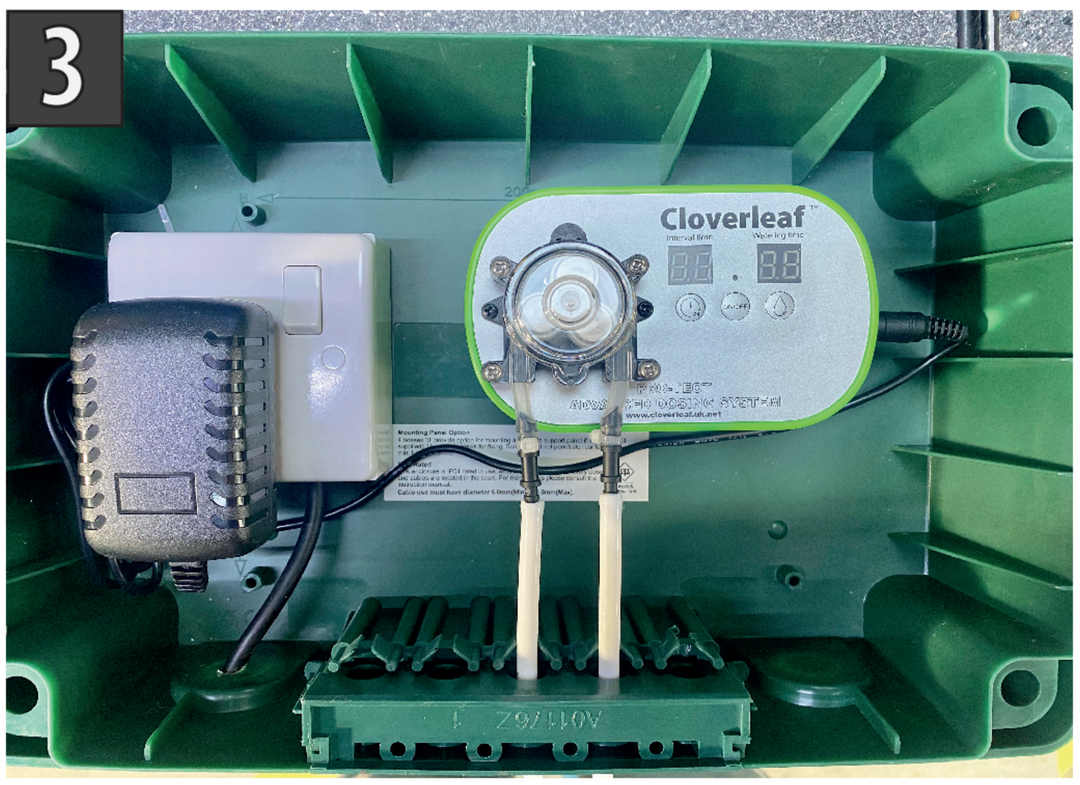
Example:
My pond contains 500 gals
Calculation for Formula "A" *0.015 x 500 gallons =* ***7.5g***
Calculation for Formula "B" *7.5g ÷ 2 =* ***3.75g***

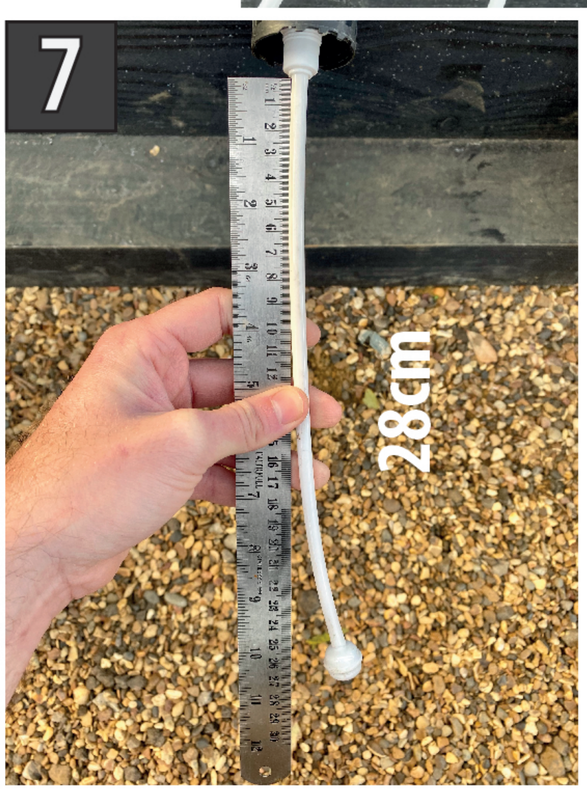
For Litres
Formula "A" *0.0033040 x Total amount of Litres = Total grams required.*
Formula "B" *Take grams needed For "A" ÷ by 2 = Total grams required.*

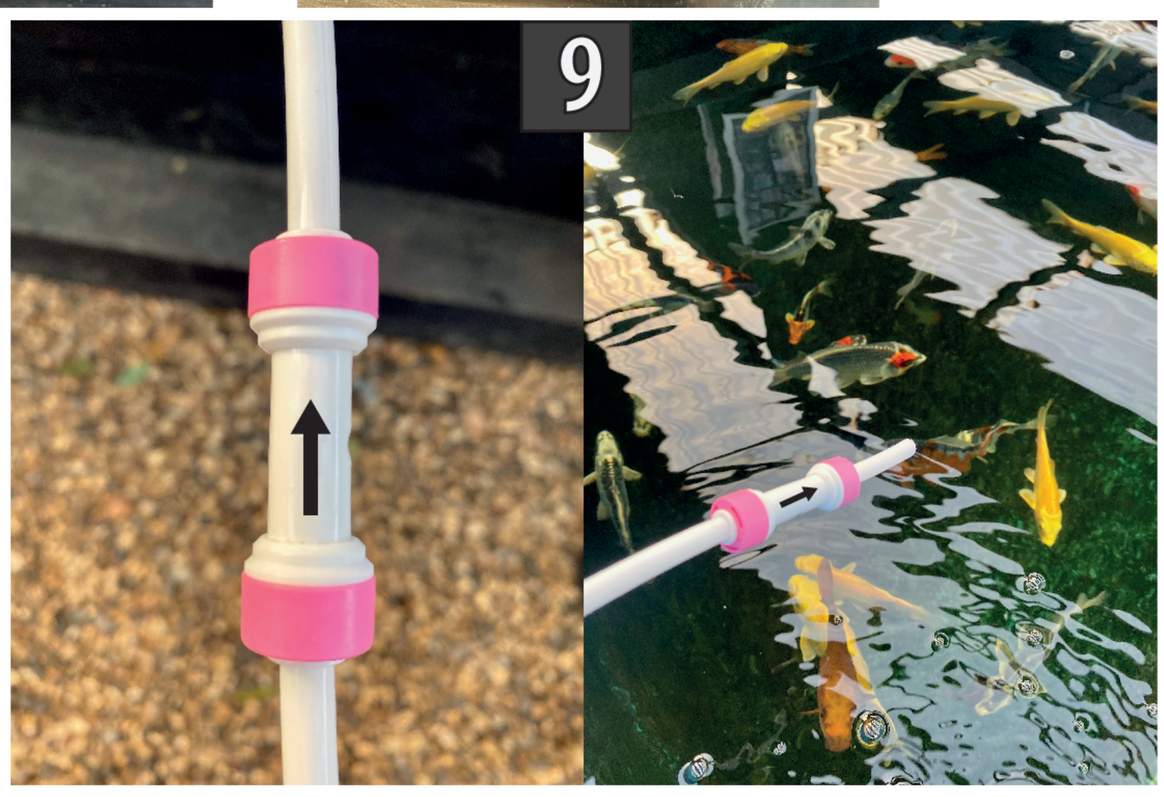
Example:
My pond contains 2270 Litres
Calculation for Formula "A" *0.0033040 x 2270 Litres =* ***7.5g***
Calculation for Formula "B" *7.5g ÷ 2 =* ***3.75g***

Visual Guide









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