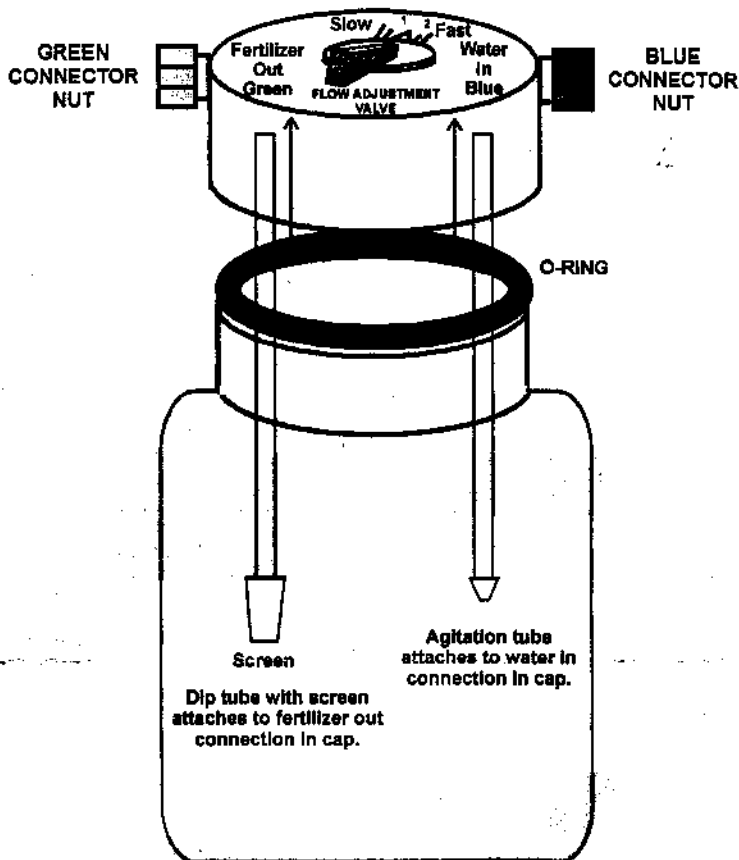


GARDEN HOSE & DRIP CONNECTION TANK ASSEMBLY & PARTS LIST



2 - Threaded Fittings

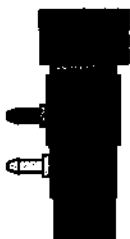


1 - Sun Shield



1 - Clear Tube

10 - Feet 1/4" Black Tubing



1 - Hose Bib Connector



2 - Tubing Valves

(40 PSI pressure rating, if you experience leakage or drips, it will not affect the operation of your system)



2 - O-Rings



1 - Tube Connector

Use E-Z GRO components only.

E-Z GRO Automatic Fertilization System

OPERATING SPECIFICATIONS

FLOW RANGE
OPERATING PSI
POLY TANK

FROM 2.5 GPH
5 PSI MIN
80 PSI MAX

FLOW RATES SETTING	SPRINKLER UNITS		HOSE/DRIP UNITS	
	RATIO	OZ PER GAL	RATIO	OZ PER GAL
SLOW	15000 : 1	.008	2000 : 1	.064
1.0	7500 : 1	.017	1000 : 1	.128
2.0	2000 : 1	.064	250 : 1	.500
FAST	400 : 1	.320	50 : 1	2.500

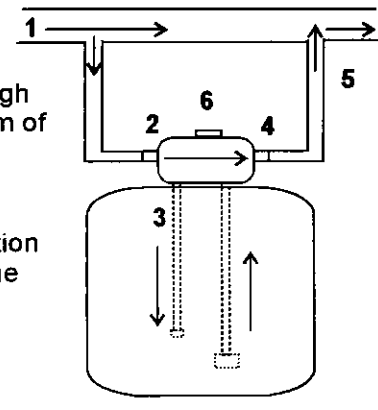
UNIT SIZING

TANK SIZE	COVERAGE	FERTILIZER CAPACITY
3/4 Gal.	5000 sq. ft	5# dry, 3/4 Gal. liquid
1 1/3 Gal.	8000 sq. ft.	8# dry, 1 1/3 Gal. liquid
3 Gal.	1/2 Acre	20# dry, 3 Gal. liquid

Coverage rates are based on 1 oz. of fertilizer per 60 sq. ft. per month. Adjust the tank based on the coverage rate of the fertilizer that will be used. A larger tank can be used to extend the time between fillings. Multiple tanks can be used to cover larger areas.

UNIT OPERATION

Water flow from the sprinkler line -1- flows into the Water In (Blue) Port of the unit cap -2-. The flow is directed into the tank through the agitation tube -3- and/or through the cap in adjustable quantities. The flow through the supply tube goes to the bottom of the tank. The flow through the cap is mixed with flow from the Fertilizer Out (Green) Port -4- and is returned to the water flow through the supply line -5-. The unit adjustment control -6- is on the top of the cap and controls the amount of flow directed into the tank or through the cap, which adjusts the mix ratio. This mixing action gives the unit the ability to have very high mix ratios, eliminating the need to dilute the fertilizer solution. This means that a small tank can provide a high capacity.



FLOW ACCURACY

The system's flow design provides very accurate proportioning, at all flow levels. It adjusts automatically as flows change, with no need for flow indicators or controllers. The fertilizer solution is heavier than water so it settles to the bottom of the tank. The system draws the fertilizer from the bottom of the tank. The water coming into the tank is directed into the fertilizer solution to keep it mixed. Fertilizer can be added at any time by emptying the water from the top of the tank and adding fertilizer to the fertilizer solution at the bottom of the tank. Any liquid or water soluble fertilizer can be used in the system.

