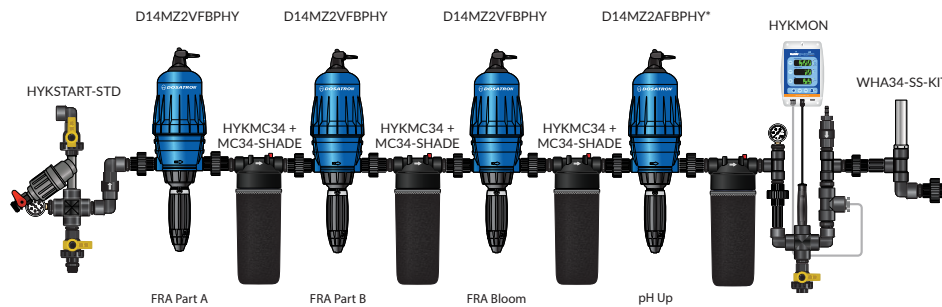




DOSATRON FERTIGATION EXAMPLE SETUPS

R.O. Water using pH Up



R.O. Water Parts List

HYKSTART-STD x 1
D14MZ2VFBPHY x 3
D14MZ2AFBPHY x 1
HYKMC34 x 4
+MC34-SHADE x 4
WHA34-SS-KIT x 1

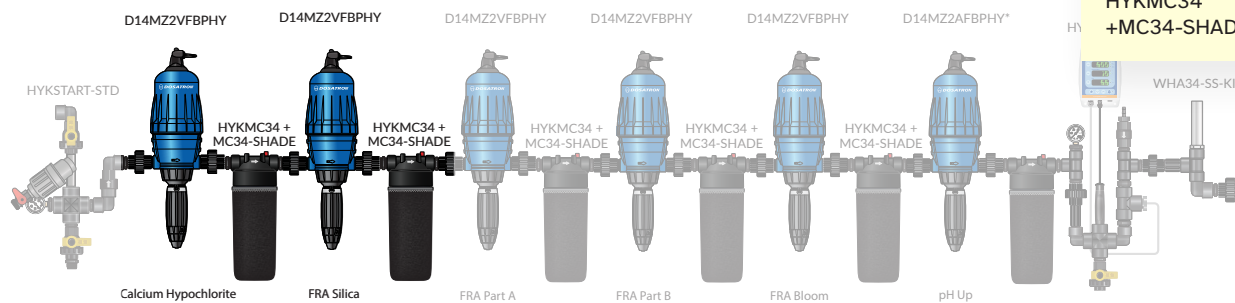
Optional

HYKMON x 1

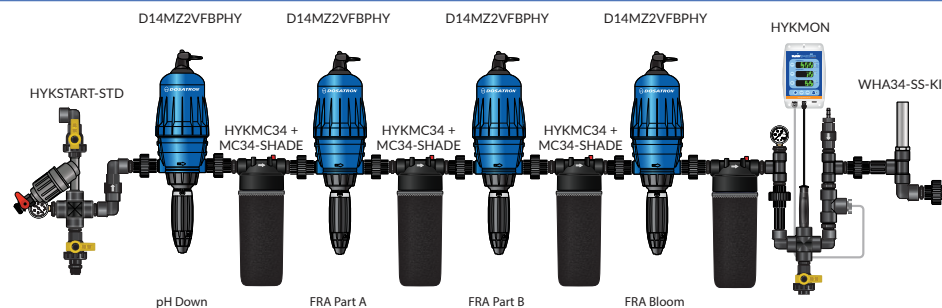
Add 1 Doser+Mixer Set Each for Si and/or CalHypo:

D14MZ2VFBPHY
HYKMC34
+MC34-SHADE

If using, add CalHypo and Si at the beginning:



City Water using pH Down



City Water Parts List

HYKSTART-STD x 1
D14MZ2VFBPHY x 4
HYKMC34 x 4
+MC34-SHADE x 4
WHA34-SS-KIT x 1

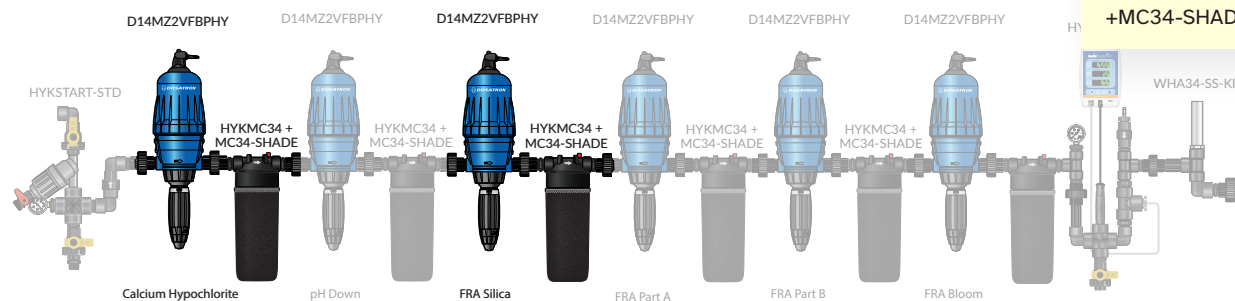
Optional

HYKMON x 1

Add Doser+Mixer Set Each for Si and/or CalHypo:

D14MZ2VFBPHY
HYKMC34
+MC34-SHADE

If using, add CalHypo at the beginning, and Si after pH Down:





FERTIGATION SETUP NOTES

There are two options for start kits, depending on whether the water pressure is set prior to coming into the panel or needs to be regulated by the panel itself.

There are two seal options for pH adjustment dosers, for either acidic or basic solutions.

Use Aflas (AF) seals for pH up and Virkon (VF) seals for pH down. *D14MZ2AFBPHY is a special-order item.

When pH increase is required, that pH Up doser should be *last in the injection sequence.*

When pH lowering is required, the pH Down doser is best placed *first in the injection sequence.*

All Mixing Chambers should have a light protection sleeve part **MC34-SHADE**.

If using Calcium Hypochlorite for water sanitation, inject first in sequence using D14MZ2.

Why HYKMON is optional: We recommend monitoring the solution in the batch tank and at the dripper, NOT at the exit of the panel which may give false pH readings while the chemical reaction is still taking effect.



INJECTION RATE CONVERSIONS

	%	ml/gal	ratio
D14MZ3000	0.03%	1.3	1:3000
	0.05%	1.9	1:2000
	0.10%	3.8	1:1000
	0.15%	5.7	1:667
	0.20%	7.6	1:500
	0.25%	9.5	1:400
	0.30%	11.4	1:333
D14MZ2	0.40%	15.1	1:250
	0.50%	18.9	1:200
	0.60%	22.7	1:167
	0.70%	26.5	1:143
	0.80%	30.3	1:125
	0.90%	34.1	1:111
	1.00%	37.9	1:100
	1.25%	47.3	1:80
	1.50%	56.8	1:67
	1.75%	66.2	1:57
	2.00%	75.7	1:50



Need A Custom Fertigation Setup? We Can Help

Front Row Ag works with every commercial fertigation system. Contact your commercial rep for help with other systems and layouts.

