DOSATRON®

WATER POWERED DOSING TECHNOLOGY

Nutrient Delivery System Kits

Quick Reference Guide

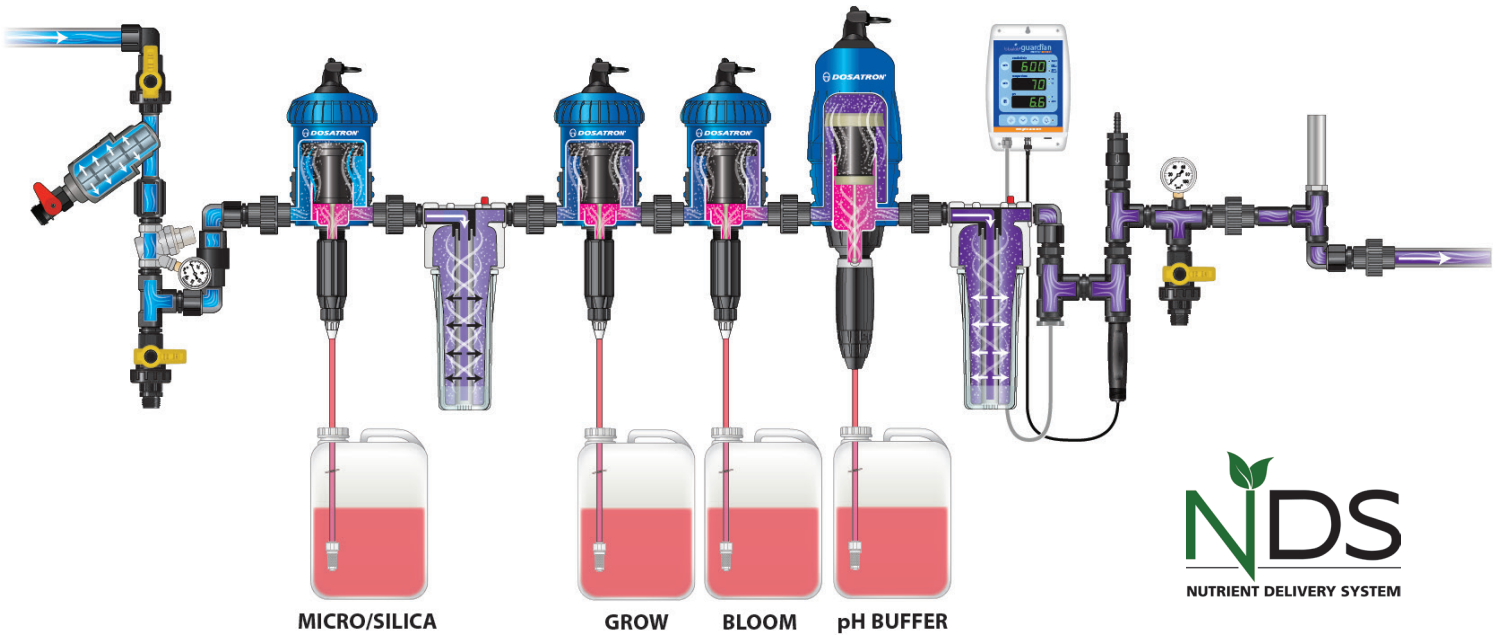
The Nutrient Delivery System (NDS) thrives anywhere, from greenhouse environments to outdoors, allowing it to be installed in any application.

- NDS automates the nutrient delivery process so it accurately dispenses the desired solution
- NDS makes the time draining practice of “measure and pour” a thing of the past
- NDS saves you time and money

Works With Various Substrates and Irrigation Methods

Dosatron offers four (4) different NDS Kits which can be arranged to accommodate a wide variety of fertigation programs. This modular approach makes it simple to customize the ideal system for any application. Utilize up to **eight (8) different nutrients, additives, or supplements,** along with a pH adjuster to create the perfect, well-blended solution.

How It Works

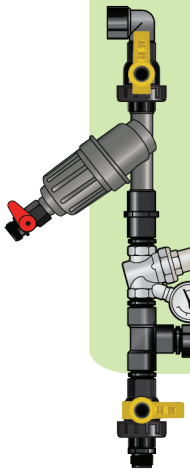


CREATE YOUR PERFEC

With Dosatron's Nutrie

It's easy.

- Decide which injection rang
- Determine the number of li
- Choose your dosers by ref
- Pick the NDS Kits that you
- If you have any question, c
  www.dosatronusa.com

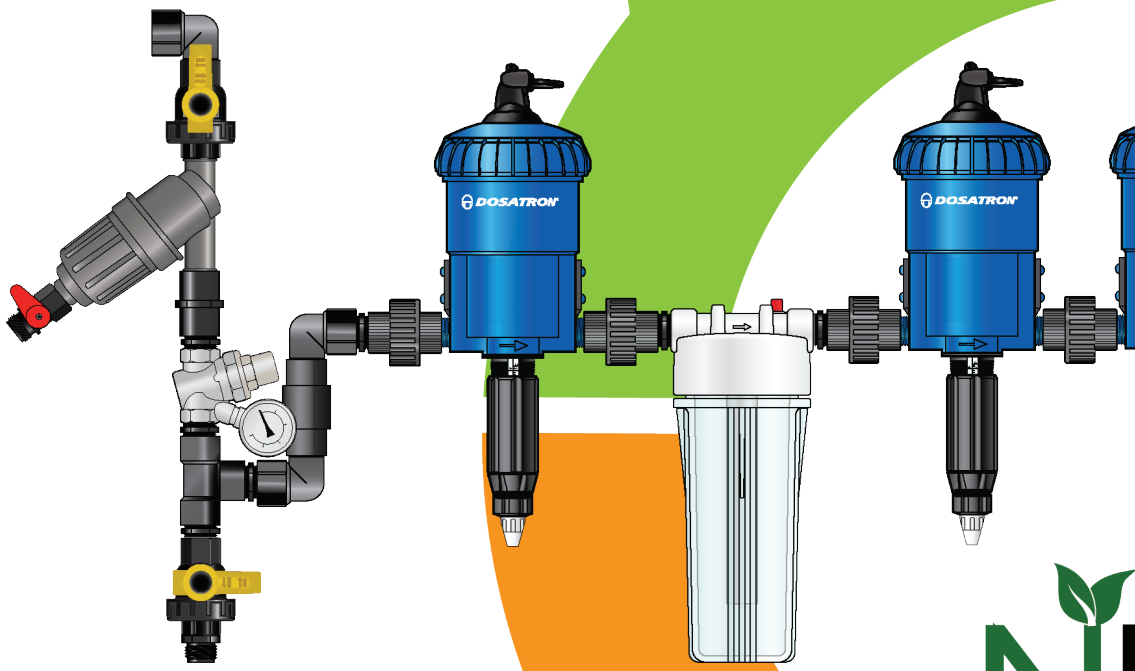


Starter Kit

This kit includes all the parts you need to get started with your Nutrient Delivery System, from ball valves to Teflon® tape!

Part #:
HYKSTART

1



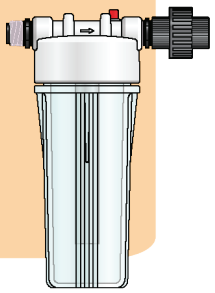
NUTRIENT DI

Mixing Chamber Kit

This kit will enhance the blending as the solution passes through. It's a must have!

2

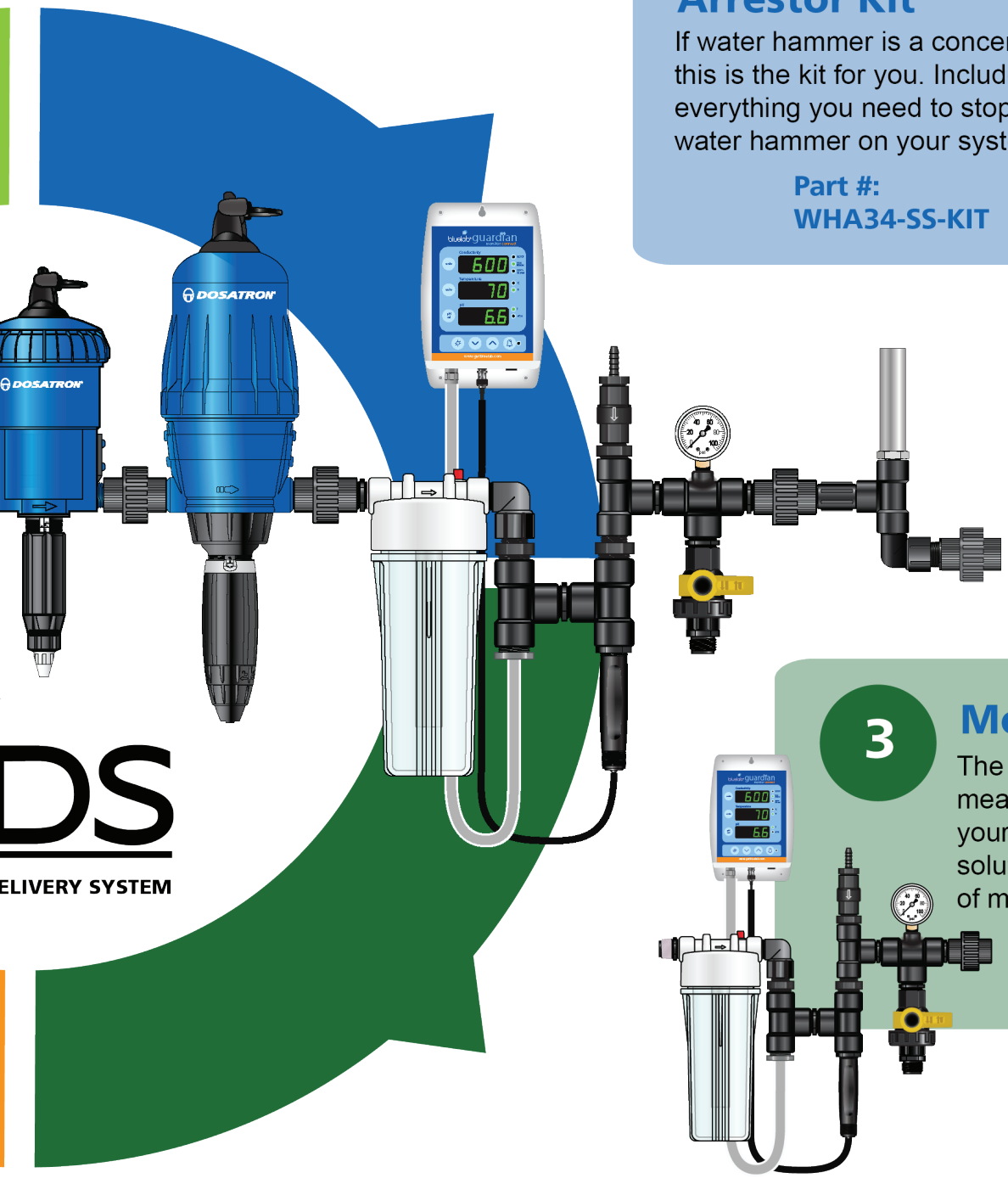
Part #:
HYKMC34



CT NUTRIENT SYSTEM

nt Delivery System Kits

ge you need in mL or tsp
quid solutions you will be injecting
ferring to the chart on the back page
need from the chart below
call **800-523-8499** or CHAT at



DS

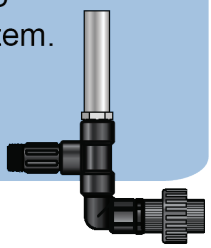
ELIVERY SYSTEM

Water Hammer Arrestor Kit

4

If water hammer is a concern, this is the kit for you. Includes everything you need to stop water hammer on your system.

Part #:
WHA34-SS-KIT



Monitor Kit

3

The in-line nutrient monitor measures and displays your welll-blended outgoing solution providing peace of mind.

Part #:
HYKMON

Dosatron Doser Selection Chart

Dosers				
MODEL	**D25RE09VFBPHY**	**D14MZ2VFBPHY**	**D14MZ10VFBPHY**	**D14MZ3000VFBPHY**
MAX. FLOW	11 GPM	14 GPM	14 GPM	14 GPM
MIN. FLOW	0.05 GPM	0.05 GPM	0.05 GPM	0.05 GPM
INJECTION PERCENTS	0.1% to 0.9%	0.2% to 2%	1% to 10%	0.03% to 0.3%
INJECTION RATIO	1:1000 to 1:112	1:500 to 1:50	1:100 to 1:10	1:3000 to 1:333
INJECTION RANGE	**3.5 to 34 mL/gal**	**7.5 to 75 mL/gal**	**7.5 to 75 tsp/gal**	**1.25 to 12 mL/gal**
PRESSURE RANGE	4.3 to 85 PSI	4.3 to 85 PSI	7 to 85 PSI	4.3 to 85 PSI
CONNECTIONS	3/4” NPT	3/4” NPT	3/4” NPT	3/4” NPT

Dosers			
MODEL	**D8RE2VFBPHY**	**D8RE5VFBPHY**	**D8RE3000VFBPHY**
MAX. FLOW	40 GPM	40 GPM	40 GPM
MIN. FLOW	2.2 GPM	2.2 GPM	2.2 GPM
INJECTION PERCENTS	0.2% to 2%	1% to 5%	0.03% to 0.3%
INJECTION RATIO	1:500 to 1:50	1:100 to 1:20	1:3000 to 1:500
INJECTION RANGE	**7.5 to 75 mL/gal**	**7.5 to 38 tsp/gal**	**1.25 to 4.85 mL/gal**
PRESSURE RANGE	2.2 to 116 PSI	2.2 to 116 PSI	2.2 to 116 PSI
CONNECTIONS	1 1/2” NPT	1 1/2” NPT	1 1/2” NPT

All units include: mounting bracket, suction hose, weighted strainer, and operating manual. Please review the basic installation drawing for recommended accessories. MAXIMUM TEMPERATURE: 104 °F

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