

The Dosmatic Advantage™

MOBILE PROPORTIONAL INJECTORS — A10 and A30, 2.5%



**A10 Mobile
Four Gallon Tank**



**A30 Mobile
Eight Gallon Tank**

Dosmatic USA, Inc. has been a leading manufacturer of water-driven injectors since 1981. Dosmatic engineers its mobile units to work in areas that require a great deal of mobility for fast, easy application of water-based solutions. Typical market applications include greenhouse and garden fertilizing and pest control, poultry and swine medicating, vessel and bridge corrosion control and more.

Advantage mobile injectors are available in the A10, 2.5% injection ratio with a four gallon solution tank and the A30, 2.5% injection ratio with an eight gallon solution tank. Advantage mobile injector carts are constructed of rugged 12-gauge steel with heavy-duty industrial wheels and are delivered complete with water filter and all components ready for immediate use. Both the A10 and A30 models are lightweight, durable and quality tested before shipment.

TYPICAL GREENHOUSE APPLICATION



FEATURES

- ◆ Slim Profile Design
- ◆ Precise Injection at all Flow Rates
- ◆ Chemical Resistant
- ◆ Easy External Ratio Adjustment
- ◆ No Electricity Needed

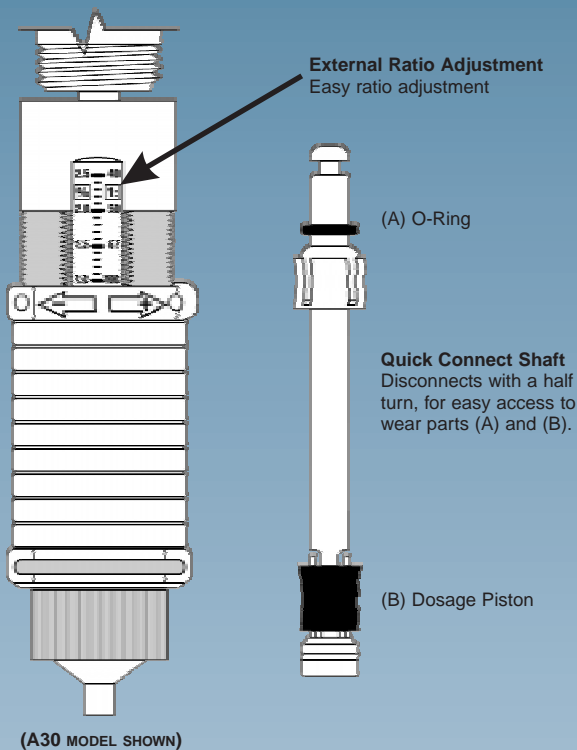
BENEFITS

- ◆ Easy to Use and Maintain
- ◆ Reduces Cost with Less Waste
- ◆ Allows a Wide Range of Chemical Uses
- ◆ Reduces Labor in Applying Solution
- ◆ Eliminates Need for Electricity and Extension Cords



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Dosmatic's Advantage™ units are designed with a patented suction system that requires no electricity. As water flows into the inlet valve and the inner chamber, a suction is created that pulls the solution being applied up into the water flow, guaranteeing a precise dosage as the water flows to the outlet valve. The unique design of the Advantage™ external ratio unit, shown above, allows maintenance personnel to be able to change the O-ring and dosage piston wear parts in under one minute!

SPECIFICATIONS		USA	METRIC
FLOW RATES			
A10 - 2.5%	Minimum	0.033 gpm (2 gph)	7,2 lph
	Maximum	12 gpm (720 gph)	2,2 m³/h
A30 - 2.5%	Minimum	0.25 gpm (15 gph)	54 lph
	Maximum	30 gpm (1800 gph)	6,8 m³/h
INLET/OUTLET HOSE PIPE CONNECTION			
A10 - 2.5%		3/4" npt	3/4" bsp
A30 - 2.5%		3/4" npt hose and 1" npt	3/4" hose and 1" bsp
FEED RATIOS			
A10 - 2.5%	Minimum	0.5% or 200:1	0,5% or 200:1
	Maximum	2.5% or 40:1	2,5% or 40:1
A30 - 2.5%	Minimum	0.2% or 500:1	0,2% or 500:1
	Maximum	2.5% or 40:1	2,5% or 40:1
OPERATING PRESSURE			
A10 - 2.5%	Minimum	6 psi	0,41 bar
	Maximum	100 psi	6,90 bar
A30 - 2.5%	Minimum	5 psi	0,34 bar
	Maximum	100 psi	6,90 bar
MAXIMUM TEMPERATURE		100° F	38°C
SUCTION HOSE			
A10 - 2.5%		1/4" id	6,4 mm
A30 - 2.5%		3/8" id	9,5 mm
LOWER-END MATERIAL			
Plastics:		Polypropylene and Polyethylene	
Elastomers:		Specially Modified Viton	

DIMENSIONS		USA	METRIC
WIDTH			
A10 - 2.5%		15 in	38 cm
A30 - 2.5%		18 in	45,7 cm
HEIGHT			
A10 - 2.5%		37.00 in	94 cm
A30 - 2.5%		45.25 in	115 cm
WHEELS (hard rubber)			
A10 - 2.5%		8" dia. x 2.5" w.	20,3 cm dia. x 6,35 cm w.
A30 - 2.5%		10" dia. x 3.0" w.	25,4 cm dia. x 7,62 cm w.
TANK			
A10 - 2.5%		4 gallons	15 liters
A30 - 2.5%		8 gallons	30 liters
HOSE CONNECTION (outlet)			
A10 - 2.5%		One each 3/4"	One each 3/4"
A30 - 2.5%		Two each 3/4"	Two each 3/4"
SHIPPING WEIGHT (total including unit)			
A10 - 2.5%		33 lbs	15 kg
A30 - 2.5%		51 lbs	23 kg

DISTRIBUTED BY:

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