

Add-It™ Automatic

Proportional Fertilizer Injector



Economical. Flexible. Simple.

The Add-It fertilizer injector is economical, flexible and simple to use. The 1-pint fertilizer injector is ideal for feeding lawns, shrubs, trees, flowers, raised beds, vines and potted plants automatically without a pump, spreaders or hoses. It is constructed of heavy-walled, UV-resistant PVC, without any moving parts for maintenance free operation.

An economical way to apply nutrients

- No pump or outside power source is required, simply use the Add-It™ to apply the optimum preset rate of fertilizer or additive with no leftover residues or minerals.

Simple and easy to install

- It only takes a few simple steps to install it into a drip irrigation system, conventional sprinkler system, or hose-end system.

Works with any liquid fertilizers

- Designed for use with any brand of liquid fertilizer, including water-soluble dry fertilizers such as Scotts Miracle Gro®, Peters Professional®, Bandini Pro Choice®, or Grow More®, when pre-blended with water.



Add-It™ Automatic Proportional Fertilizer Injector

Performance and Technical Data

- Operating pressure: 10 to 60 PSI (.7 to 4.2 BAR)
- Minimum operating pressure: 10 PSI (.7 BAR)
- Minimum flow rate: .5 GPM (2 L/M)
- Size: 1 pint (1.42 L)
- Preset ratio: 100:1, 100 parts water to 1 part additive
- Temperature range: up to 130°F (54°C)
- Inlet and outlet threads: FHT inlet x MHT outlet or (FPT x MPT)
- Material: PVC
- Mounting position: vertical
- Colors:
 - Hose thread: black with blue caps
 - Pipe thread: black with grey caps

Not recommended for installation under constant line pressure



How the Add-It™ fertilizer injectors operate

The fertilizer additive is placed into the Add-It™ and it does not become diluted as the irrigation system operates. Through a unique hydraulic design, a small amount of water is diverted from the main line, flowing through the unit canister and then forced into the top. A slight pressure differential is created between the inlet and the outlet, drawing the fertilizer out from the bottom of the canister. The water coming into the top of the Add-It™ canister is lighter than the solution of fertilizer in it. The liquid fertilizer solution has a heavier specific gravity than the water. Therefore, the water sits on top of the solution of fertilizer, not mixing with it. The distribution of fertilizer is the same from beginning to end. After the fertilizer solution has been dispensed, the canister will contain only water.

Product Details

Model	Description	Tank Size	Inlet & Outlet Size	Minimum Flow - GPM	Minimum Flow - GPH	Flow To Empty	Color Code	Dimensions
AFI-5016-H	3/4" Hose Thread Fertilizer Injector	1 pint (0.47 l)	3/4" FHT x 3/4" MHT	0.5 GPM (1.9 LPM)	30 GPH (113 L/H)	15 G (56 L)	Black/Blue	4" W x 10" (15.8 cm W x 25.4 cm H)
AFI-5016-HV	3/4" Hose Thread Fertilizer Injector w/ Backflow	1 pint (0.47 l)	3/4" FHT x 3/4" MHT	0.5 GPM (1.9 LPM)	30 GPH (113 L/H)	15 G (56 L)	Black/Blue	4" W x 10" (15.8 cm W x 25.4 cm H)
AFI-5016-HI	3/4" Pipe Thread Fertilizer Injector	1 pint (0.47 l)	3/4" FPT x 3/4" MPT	0.5 GPM (1.9 LPM)	30 GPH (113 L/H)	15 G (56 L)	Black/Gray/Blue	4" W x 10" (15.8 cm W x 25.4 cm H)
AFI-5016-HVI	3/4" Pipe Thread Fertilizer Injector w/ Backflow	1 pint (0.47 l)	3/4" FPT x 3/4" MPT	0.5 GPM (1.9 LPM)	30 GPH (113 L/H)	15 G (56 L)	Black/Gray/Blue	4" W x 10" (15.8 cm W x 25.4 cm H)

Packaging Information

Model	Size	Description	Canister Size	Pack Qty	Box Qty	Box Size	Box Weight
AFI-5016-H	3/4" FHT inlet x 3/4" MHT outlet	Add-It™ Automatic Proportional Fertilizer Injector w/ Funnel	1 pint (0.47 l)	1	6	14 3/4" x 8 3/8" x 7 5/8"	3.8 lbs.
AFI-5016-HV	3/4" FHT inlet x 3/4" MHT outlet	Add-It™ Automatic Proportional Fertilizer Injector w/ Backflow and Funnel	1 pint (0.47 l)	1	6	14 3/4" x 8 3/8" x 7 5/8"	4.1 lbs.
AFI-5016-HI	3/4" FPT inlet x 3/4" MPT outlet	Add-It™ Automatic Proportional Fertilizer Injector w/ Backflow and Funnel	1 pint (0.47 l)	1	6	14 3/4" x 8 3/8" x 7 5/8"	3.8 lbs.
AFI-5016-HVI	3/4" FPT inlet x 3/4" MPT outlet	Add-It™ Automatic Proportional Fertilizer Injector w/ Backflow and Funnel	1 pint (0.47 l)	1	6	14 3/4" x 8 3/8" x 7 5/8"	4.1 lbs.