

THE Bucket Company

The WEIGHT is over!

UNIVERSAL & MODULAR GROWING SYSTEMS

PRODUCT CATALOG

www.TheBucketCompany.com

Contents

NEW PRODUCTS OVERVIEW	1
THE MEDICAL PLANTER™	3
THE EZ-PZ PLANTER™	4
PLANTER COLORS	5
1.2 GALLON PLANTERS	7
3 GALLON PLANTERS	8
10 GALLON PLANTERS	9
NEW PRODUCT - 6 GALLON PLANTER	10
NEW PRODUCT - RUNOFF PUMP	11
NEW PRODUCT - BUBBLER MANIFOLDS	13
NEW PRODUCT - TRELIS KITS	14
IRRIGATION MANIFOLDS	15
EZ-PZ SCREEN INSERTS	16
FITTINGS & ACCESSORIES	17
FREQUENTLY ASKED QUESTIONS	19
MEDICAL CASE STUDIES	21

Introduction

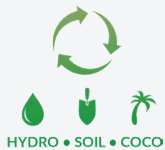
Welcome to The Bucket Company

From commercial facilities to your home garden; The Bucket Company's Ez-Pz Planter™ and Medical Planter™ are the only systems in the world that work with Hydroponic (recirculating) and Drain to Waste growing applications.

Thanks to FDA/ EPA Antimicrobial Plastic, the Medical Planter™ is the first ever planter that eliminates 99.95% of harmful pathogens such as E. coli, mold, & algae from growing on the surface of the planter.



Why use our versatile growing systems?



Universal and Modular Cultivator's Applications

We understand that each cultivator preferences differ so we created a growing system that can be used with either Drain to Waste, Hydroponics, DWC, or Aeroponic applications. You can also choose your favorite growing medium: Coco, Soil, Rockwool, or Clay Pebbles. Modular in the sense that it can adapt to any room size or shape.



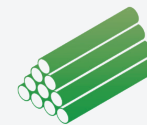
Top Feed Irrigation

The planters are designed to be fed by either the Manifolds or the Micro-Valves. Manifolds, with the help of the sprayers, can water your plants from 1 – 4 minutes maximum. It evenly covers the surface of your growing medium while misting the water which in turn cools down the droplets and oxygenates the water in a fine mist on the way down.



Drainage (Bottom Surface)

All of our Planters are designed to drain faster than any other system. From our slope bottom that directs the water out the Planter, to our patented circular shape molded bottom so the Reusable Screen Inserts can hang above them and help drain excess water in order to prevent root rot.



PVC Legs (Optional)

The PVC Legs help the planter by creating a gravity system for proper drainage, elevating your planters from the cold floors, or simply just a height preference. The Planters can be used with or without the PVC Legs depending on your situation and makes cleaning underneath the planter a breeze while keeping your plants from absorbing any runoff on trays or saucers.



Engineered to Last

All of our Planters are made with 3MM thick plastic and have rounded corners to prevent cracking. We made the effort and took every precaution to build a better bucket.



Air Channels

Our unique design allows for maximum airflow to each and every side of the Planters as well as the growing medium. With the combination of the Reusable Screen Insert, it helps dry your medium faster than any other system while delivering constant fresh oxygen to the root zone.

Products New Products



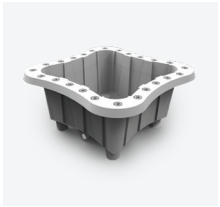
Run-Off Pump

This is one of the most useful products in the cultivation industry which is designed to collect the runoff from your planter or tables in a 1.5 Gallon Reservoir and redirect to waste or recycle. Includes a back-flow grommet, 12 volt pump, universal worldwide power supply, barb fittings, 1/2" male thread fitting, and the option of a 3/4" barb or 1/2" male thread on the pump out. Also includes multiple filters for longer lasting usage. The 2" Float Valve will turn it on and off as the water level rises. Fully automatic and Plug & Play!



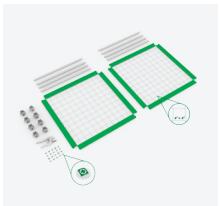
New Bubbler Manifold

Designed for use in a 6 Gallon to a 30 Gallon planter, this manifold will do it all! It has 2 ports as water inlets. 1- 1/2" barb attachment while the other is 1/2" Male Thread with the option of 3/4" Barb. This manifold has 6 bubblers that can be adjusted for maximum radius and can be closed if not in use.



6 Gallon Planter COMING SOON

We understand height matters especially when it comes to tents, basements, attics, or simply low ceilings. Therefore, we created a 6 Gallon Planter that is wider but shorter than your average 6 Gallon bucket. Thus giving cultivators another 4-6 inches in vertical growth which will ultimately increase yield. It also shares all the same fittings and accessories as our 10 Gallon Planter.



Trellis Kits:

With the evolution of cultivation, we created 1" 6-Way PVC fittings to give our end users an unlimited amount of ways to expand their netting vertically or horizontally.



"So far I am in love with these. Perfect for my mom rooms with low ceilings and still able to achieve drainage. The quality of the buckets are above and beyond."

@dankemshunter

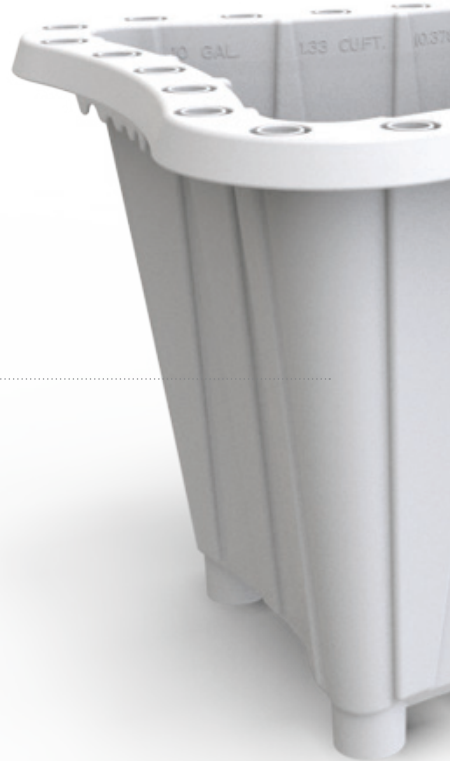


Products

The Medical Planter™

The Medical Planter™ is the Worlds First and Only Patented Medical Grade Planter made with FDA and EPA Approved Plastics.

THE Medical Planter



Medical Case Studies



See page: 21 for details

Features and Benefits

FDA & EPA APPROVED PLASTICS
ANTIMICROBIAL SILVER IONS
PATENT PENDING WORLD WIDE

INDEPENDENT LAB STUDIES
RESULTS OF TESTING
MADE IN AMERICA

Products

The Ez-Pz Planter™

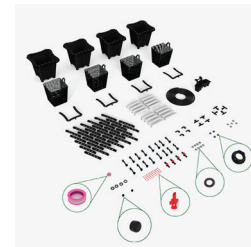
The Planter was designed for growers by growers, the main selling point of The Ez-Pz Planter is that it's a universal system that can be used in countless applications from small grow tents to large commercial growing operations. They're 100% expandable.

Available in a variety of color options.

See page: 5 for details



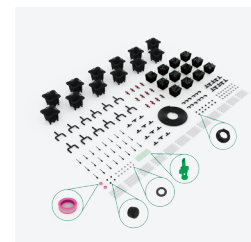
Available in two different kit configurations:



The Ez-Pz Planter™ Stake Growers Kit:

Available in 10 Gallon only

Includes 32 arms per kit for growers that use stakes / bamboos to support their plant, but each arm is made to hold 4 stakes outside the bucket medium, keeping the bamboo from cross contaminating the growing medium or the root system!



The Ez-Pz Planter™ Trellis Growers Kit:

Available in 1.2, 3, and 10 Gallon

Is equipped with a 5x15 ft trellis net for those growers that like supporting their plants with nets.

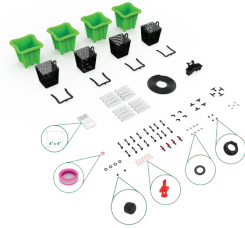
Features and Benefits

AIR PATENTED CHANNELS
MANIFOLD / DRIP IRRIGATION
DRAINAGE (BOTTOM SURFACE)

UNIVERSAL APPLICATIONS
OPTIONAL PVC LEGS
3MM THICK DURABLE PLASTIC

Products

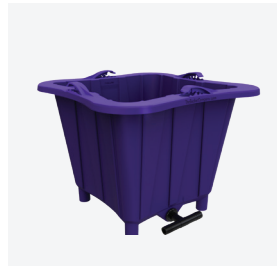
Kits Are Available In A Variety Of Color Options



Black



Green Monster



Purple Haze



Baby Blue



Pink



Medical Planter (White Only)



“

“I love my 10 Gallon bucket from The Bucket Company. Great quality, amazing customer service and happy plants!”

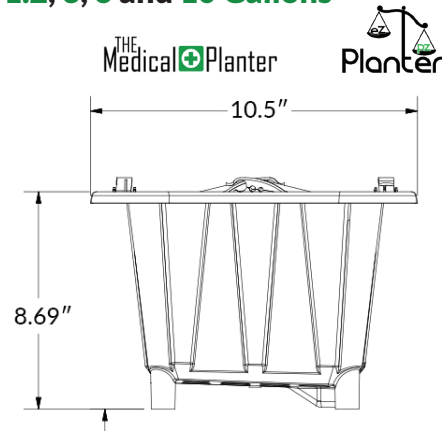
 @chefannawiththepot

Bucket Sizes

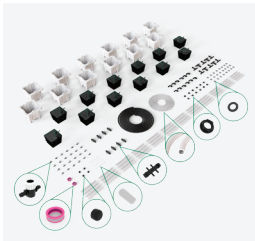
Planters come in multiple sizes **1.2, 3, 6 and 10 Gallons**

1.2 Gallon Planter

The **1.2 Gal** planter is available in 12 planter kits in both our **Medical Planter™** and **Ez-Pz Planter™** designs

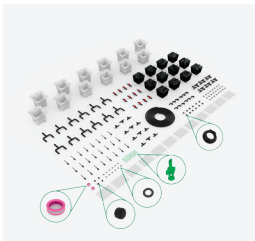


Available in two different kit configurations:



1.2 Gallon Microvalve Kit:

The 1.2 Gallon Microvalve Kit includes 1/4" (OD) adjustable microvalves that can be controlled for either drip or fully open feeding for cultivators who prefer using the Micro-tubing to dose their planters with our 3/4" - 1/4" Splitter Fittings or with other bubbler irrigation systems. Ex: Octo-bubbler



1.2 Gallon Manifold Kit:

The 1.2 Gallon Manifold Kit includes our custom designed (Patented) Irrigation Manifold which utilizes (2) 180 degree sprayers for optimal feeding coverage of a cultivators growing medium.

Features and Benefits

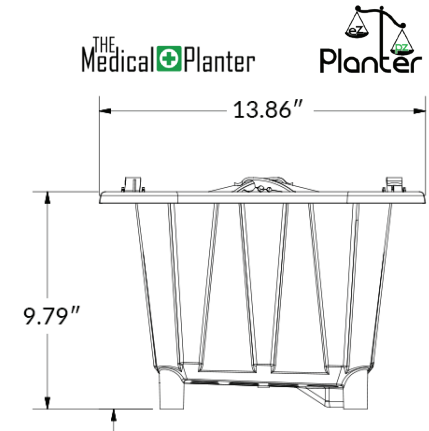
PHENO-HUNTING
VERTICAL SHELVES

SMALL GROW AREAS
AUTOMATE YOUR GROWS

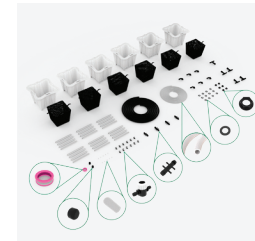
Bucket Sizes

3 Gallon Planter

The **3 Gal** planter is available in 6 planter kits in both our **Medical Planter™** and **Ez-Pz Planter™** designs

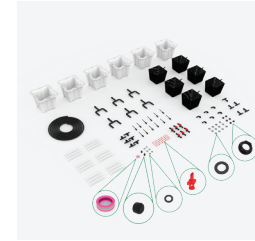


Available in two different kit configurations:



3 Gallon Microvalve Kit

The 3 Gallon Microvalve Kit includes 1/4" (OD) adjustable microvalves that can be controlled for either drip or fully open feeding for cultivators who prefer using the Micro-tubing to dose their planters with our 3/4" - 1/4" Splitter Fittings or with other Bubbler Irrigation systems. Ex: Octo-bubbler.



3 Gallon Manifold Kit

The 3 Gallon Manifold Kit includes our custom designed (patented) Irrigation Manifold which utilizes (2) 360 degree sprayers for optimal feeding coverage of a cultivators growing medium.

Features and Benefits

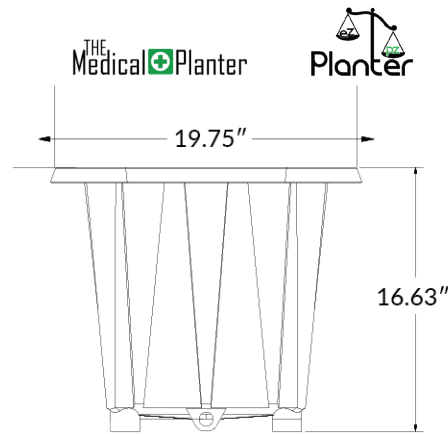
COMMERCIAL APPLICATIONS
CAPABLE OF GROWING TREES

CUSTOMIZABLE SETUP
AUTOMATE YOUR GROWS

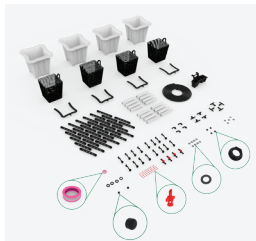
Bucket Sizes

10 Gallon Planter

The 10 Gal planter is available in both our **Medical Planter™** and **Ez-Pz Planter™** designs

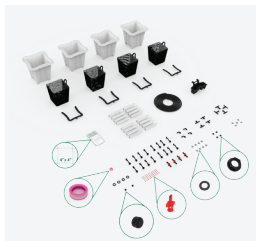


Available in two different kit configurations:



10 Gallon Stake Growers Kit:

The 10 Gallon Stake Growers Kit includes Branch Spreader Arms so cultivators no longer need to stake their root zone! This accessory can be used to hold your Stakes/ Bamboo poles outside of your growing medium to avoid any cross contamination or can be turned inward for plant training.



10 Gallon Trellis Growers Kit:

Is equipped with a 5' x 15' standard trellis net for cultivators that prefer using this growing support system over Stakes/ Bamboo poles. This netting can be cut and arranged to a cultivators specific growing needs!

Features and Benefits

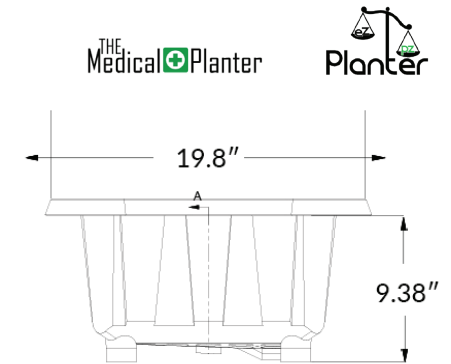
BRANCH SPREADER ARMS
TRELLIS NETTING

UNIVERSAL APPLICATIONS
MODULAR
AUTOMATE YOUR GROWS

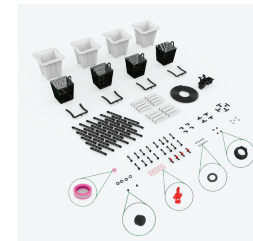
New Products

6 Gallon Planter

The 6 Gal planter is available in both our **Medical Planter™** and **Ez-Pz Planter™** designs

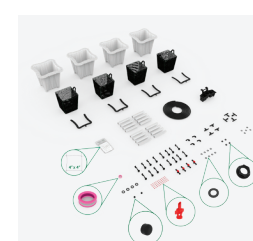


Available in two different kit configurations:



6 Gallon Stake Growers Kit:

The 6 Gallon Stake Growers Kit includes Branch Spreader Arms so cultivators no longer need to stake their root zone! This accessory can be used to hold your Stakes/ Bamboo poles outside of your growing medium to avoid any cross contamination or can be turned inward for plant training.



6 Gallon Trellis Growers Kit:

Is equipped with a 5' x 15' standard trellis net for cultivators that prefer using this growing support system over Stakes/ Bamboo poles. This netting can be cut and arranged to a cultivators specific growing needs!

Features and Benefits

LOW PROFILE
OPTIMAL ROOT GROWTH
VERTICAL GROWING

MAXIMIZE HEIGHT CLEARANCE
IDEAL FOR TENTS, BASEMENTS & LOW CEILING GROW SPACES
AUTOMATE YOUR GROWS

New Products

Runoff Pump with 2" Float Valve

The Bucket Company introduces the **first ever Runoff Pump** to help cultivators with capturing and draining large amount of water and nutrients back to a reservoir for hydroponic growing applications or to waste for proper disposal. Keeping grow rooms clean and effective!

Dimensions

Length: 9.15"
Width: 17.01"
H: 4.72"

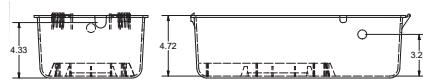
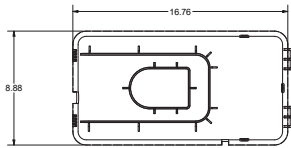
Options:

750 gallons per hour
1100 gallons per hour

Fittings Included:

Pump To Barb Adapter

- 1/2" FPT - 1/2" MPT Adapter
- 1/2" MPT - 1/2" MPT or 3/4" Barb Elbow
- 3/8" - 3/4" Straight Adapter
- 3/8" - 1/2" MPT or 3/4" Barb
- 3/8" - 3/4" Barb Tee
- 3/4" End Cap
- Grommet



Features and Benefits

LARGE RESERVOIR
AUTOMATIC ON & OFF
2" FLOAT VALVE

BACK FLOW GROMMET
UNIVERSAL/WORLDWIDE POWER CORDS
OVERFLOW FITTING



**"Versatile and universal!
Love the idea of being
able to swap mediums
between grows without
needing a major
re-design of the grow!"**



@advancednutrients



New Products

The Bubbler Manifold

The Universal Bubbler Manifold was created as a one size fits all for different types and sizes of planters. Includes 360 degree bubblers for optimal feeding coverage that won't clog and can easily be cleaned by unscrewing the caps.

The Manifold can be used as a Halo with the caps facing down or as a bubbler with the caps facing up.



6 Gal- 30 Gal Universal Bubbler Manifold
Available for both Ez-Pz Planter™ & Medical Planter™ Designs

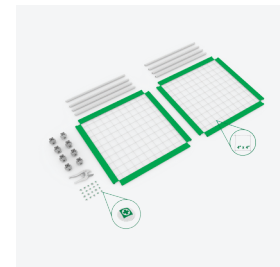
Features and Benefits

- CONTROL VALVES (ON & OFF)
- WORKS WITH 6 GAL - 30 GAL PLANTER
- MULTIPLE CONNECTIONS (PVC OR BARB)
- AUTOMATE YOUR GROWS

New Products

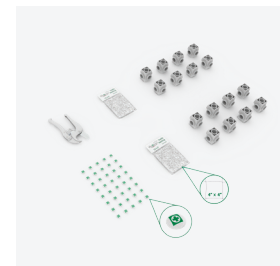
The Trellis Kits

With the evolution of cultivation, we created a 1" 6- Way PVC fitting to give our end users unlimited amounts of ways to expand their netting vertically or horizontally.



Ez-Pz (4' x 4') Trellis Kit:

The 4' x 4' Trellis Kit is designed for tent growers and growers with limited spacing. With an adjustable velcro green mesh liner, cultivators can insert 1" PVC pipes that allows home growers to expand their grow space vertically and horizontally with the (patent pending) 6- Way 1" PVC Fittings.



Ez-Pz Commercial Trellis Kit:

The Commercial Trellis Kit is designed for Commercial Cultivators or larger grows who can customize their trellis net to their specific needs and sizing. Either vertically or horizontally, the Commercial Trellis Kit can be expanded in any desired direction. The holes not being used can be covered with the custom caps to avoid any debris or pests from entering!

Features and Benefits

- MAXIMIZE YIELDS
- SCROG
- CUSTOMIZED APPLICATIONS
- CANOPY SUPPORT

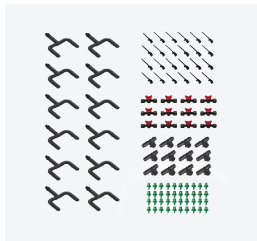
Products

Irrigation Manifolds

Strategically covers the top of the media eliminating dry spots which allows the nutrients to reach all areas of your root zone. Each **Irrigation Manifold** includes a 1/2" Double Female Union Valve that allows cultivators to regulate their water flow evenly from a fine mist to a simple drip from one Planter to the next!



Available in two different kit configurations:



1.2 Gal & 3 Gal Irrigation Manifold Kit:

Available in both Ez-Pz Planter™ & Medical Planter™ Designs
Redesigned like our revolutionary 10 Gallon Manifolds, the 1.2 Gallon and 3 Gallon Irrigation Manifolds are equipped with 180 degree or 360 degree sprayers for equal and consistent feeding.



10 Gal Irrigation Manifold Kit:

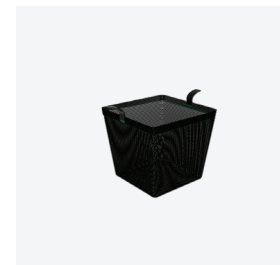
Available in both Ez-Pz Planter™ & Medical Planter™ Designs
The original Irrigation Manifold is designed to give cultivators a more consistent flow rate, even distribution, increased air flow, and improved stabilization by snapping locks on top of the 10 Gallon Planters like Legos!

Products

Ez-Pz Screen Inserts

The Ez-Pz Screen Inserts were created to maximize air flow around the root zone which helps bring oxygen to your roots while drying your medium faster than any other growing system ever created! Cultivators can easily check their root system and development to ensure the roots look just as good as the fruits.

Works with and without the **Medical Planter™** and **Ez-Pz planter™** systems



1.2 Gal Screen Inserts



3 Gal Screen Inserts



10 Gal Screen Inserts

Features and Benefits

DRIP FEED OR SPRAY.
NO HAND WATERING

AUTOMATE YOUR GROWS
FEEDS 1/2 GALLON - 1 GALLON PER MIUNTE

Features and Benefits

100% REUSABLE
ZERO WATER RETENTION
WON'T TRAP NUTRIENTS

EASY TRANSPLANT
AVOID PLANT SHOCK

Fittings, Parts & Accessories



1/2" FPT - 3/4" Barb
Dropdown Tee Fitting



3/8" MPT Elbow
w/ Nut & Gaskets - 1/2"
MPT or 3/4" Barb Fitting
(1.2 Gal/3 Gal)



1/2" MPT w/ Nut &
Gaskets - 1/2" MPT
or 3/4" Barb Fitting



3/4" Barb- 1/4"
Barb Reducer
(1.2 Gal/3 Gal)



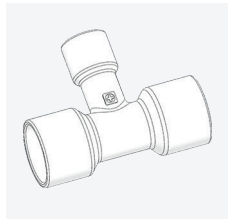
3/8" MPT
w/ Nut & Gaskets
3/4" Barb Tee Fitting
(1.2 Gal/3 Gal)



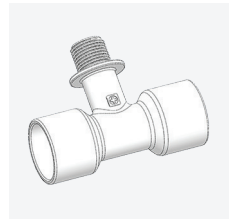
1/2" MPT
w/ Nut & Gaskets
3/4" Barb Tee Fitting



3/8" MPT
w/ Nut & Gaskets
3 Way 3/4" Barb Fitting
(1.2 Gal/3 Gal)



1/2" FPT
1" PVC Slip Tee Fitting



1/2" MPT w/
Nut & Gaskets
1" PVC Slip Tee Fitting



3/8" MPT
3/4" Straight Adapter
w/ Nut & Gaskets
(1.2 Gal/3 Gal)



1/2" & 3/8"
Rubber Washer



1/2" & 3/8" Nut

Fittings, Parts & Accessories



10 Gallon
Ez-PzWorker Station



Irrigation Manifold



Rubber Grommets



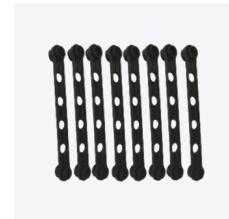
1/2" Double Female
Union Valve



10 Gal Irrigation
Manifold Bracket



1.2 Gal/3 Gal Irrigation
Manifold Bracket



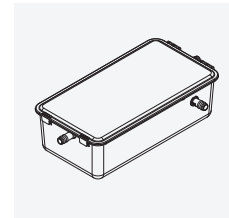
10 Gallon Branch
Spreader Arms



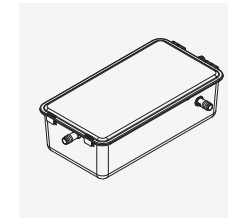
360 Degree Sprayers



180 Degree Sprayers



750gph - Runoff Pump
w/ 2-Inch Float Valve



1100gph - Runoff Pump
w/ 2-Inch Float Valve



Replacement Washer
for 1/2" Double Female
Union Valve

FAQ

Can I use my Planters without PVC Legs?

Yes, but we recommend to do so when using the Irrigation Manifold as a drip system (10 Gallon). The 1.2 Gallon & 3 Gallon will work just fine with or without the PVC legs.

How far should I space the planters from one another?

Depending on the size of your planter, we recommend anywhere from 12" – 24" Inches from the center of your planter.

What kind of growing can I do in these systems?

- Hydroponics
- Deep Water Culture (DWC)
- Drain to Waste
- Aeroponics

Can I Reuse my Screen Inserts?

Yes, cultivators can rinse/ wash for proper reuse!

Where can I find Instruction Manuals to setup my Planters?

Instruction manuals can be found under the "Product Manual" section of the growing system you're interested in or can be found in your shipment order after being purchased and delivered!

When to use Flexible Pipes or PVC for Irrigation

and Drainage:

- Flexible piping is recommended for smaller setup and when used in temporary locations where you plan on moving soon so its easier for setting up and breaking down.
- PVC is recommended for large commercial operations where you don't plan on moving as it's more of a cleaner setup and it's stationary. Therefore, the PVC setup can remain the same from one harvest to the next.

Can I use my 10 Gallon Planters as a Drip Feed System?

Yes, they can be used as a drip system and can also be used with or without the irrigation sprayers.

What are the dimensions of the Medical Planters & Ez-Pz Planters?

Check "System Information" after clicking on a gallon size or type of kit.

Would the Anti-Microbial Planters harm my beneficial microbes?

No, because the Anti-Microbial is located on the plastic, it doesn't come in contact with your beneficial microbes in your root zone.



"I have to tell you, we've been recommending your product to everyone we know! It's been easy for me to manage and change things around as needed."

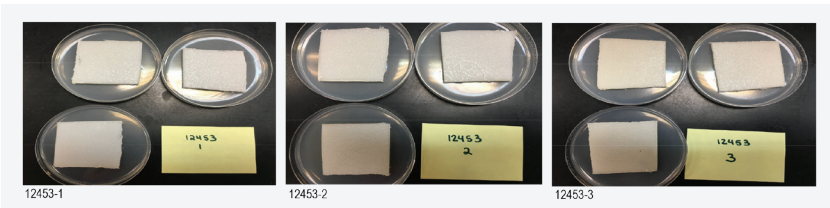
@urbanremo

Medical Case Studies

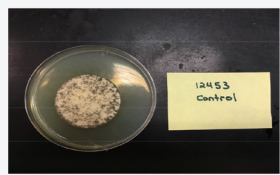


Preliminary Microbiological Analysis Report ASTM G21-15

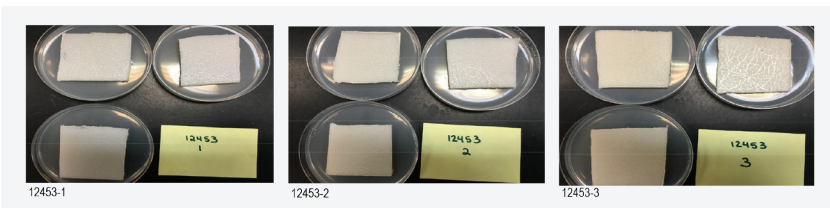
Photos after 1 week of testing



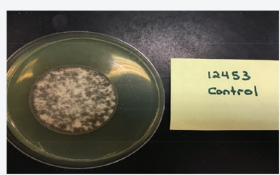
Filter Paper Growth Control



Photos after 2 week of testing



Filter Paper Growth Control

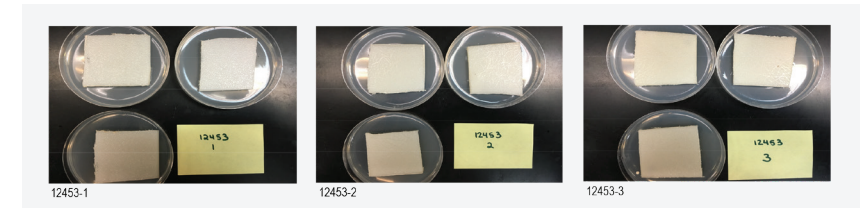


Medical Case Studies

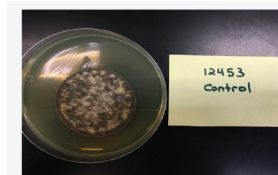


Preliminary Microbiological Analysis Report ASTM G21-15

Photos after 3 week of testing



Filter Paper Growth Control



Conclusion

The Bucket Company sampled 2% which showed antimicrobial activity against Escherichia coli after 24 hours incubation in the JIS Z 2801 test method with 99.95% reduction and an antimicrobial activity value of 3.33. Sample 4% showed 99.97% reduction and an antimicrobial activity value of 3.59. Sample 6% showed 99.99% reduction and an antimicrobial activity value of 4.24. Percent reduction and antimicrobial activity were calculated against the control at the 24 hour timepoint.

Medical Case Studies



Microbiological Analysis Report

Project No: 12453

Test Method: JIS Z 2801:2010

Table 1. Recovered Organisms from controls at Time = 0 hours

Lab Identification	Escherichia coli ATCC# 8739 cells/cm ²			
	Replicate 1	Replicate 2	Replicate 3	Average
Control	1.54 x 10 ⁴	1.64 x 10 ⁴	1.56 x 10 ⁴	1.58 x 10 ⁴

Table 2. Recovered Organisms from controls and samples at Time = 24 hours

Lab Identification	Escherichia coli ATCC# 8739 cells/cm ²				% Reduction	Antimicrobial Activity
	Replicate 1	Replicate 2	Replicate 3	Average		
Control	1.29 x 10 ⁶	7.00 x 10 ⁵	4.93 x 10 ⁵	8.25 x 10 ⁵	n/a	n/a
12453-1	1.06 x 10 ²	20.9	15.9	47.7	99.99%	4.24
12453-2	93.8	5	1.05 x 10 ³	3.83 x 10 ²	99.95%	3.33
12453-3	2.89 x 10 ²	1.25 x 10 ²	2.16 x 10 ²	2.10 x 10 ²	99.97%	3.59

“Not only have I seen The Bucket Company systems increase final yields but they also increase productivity by being a very clean and user friendly system that can be configured to any grow application.”

@thegrowshopreno_greenrooster



Results of the Study: *E. coli* 8739

Test Microorganism	Contact Time	Carrier Type	Replicate	Replicate CFU/Carrier	Average CFU/Carrier	Percent Reduction Compared to Control at Contact Time	Log ₁₀ Reduction Compared to Control at Contact Time
<i>E. coli</i> 8739	Time Zero	Inoculum Only	1	5.40E+05	5.15E+05	N/A	>99.99992%
			2	4.90E+05			
	24 Hours	PolyOne Control Resin	1	1.00E+07	6.13E+06		
			2	2.25E+06			
		Withstand™ Ldr: 4.000%	1	<5.00E+00	<5.00E+00		
			2	<5.00E+00			
		Withstand™ Ldr: 10.000%	1	<5.00E+00			
			2	<5.00E+00			
		Withstand™ Ldr: 25.000%	1	<5.00E+00			
			2	<5.00E+00			



THE
Bucket+Company
The WEIGHT is over!

www.thebucketcompany.com

(786) 580- 3990 | sales@thebucketcompany.com

Copyright © 2020 The Bucket Company