

# Jain DripKit For Terrace & Home Gardens



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Jain Irrigation is happy to present, small, easy-to-use and affordable micro irrigation kit for home for home gardens or terrace gardens.

This kit is useful for all those who has wish to grow vegetables within premises. One can use terrace OR land near house for vegetable or flower cultivation. By using this you can get nutritious vegetables which are grown in front of you with good quality of water and fertilizers.

This kit is sold as ready to use kit, which can be easily installed even by novice.

Now a days when crop demand is increasing exponentially with population growth and agricultural land is getting converted to non-agriculture, vegetable prices are touching to sky. Jain Drip Kit helps you to grow your own vegetables efficiently in a small place available in your courtyard, balcony or terrace.



# Advantages

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- **Fresh and Nutritious source of your own vegetable:** Jain Drip Kit helps you to grow your own vegetable in your home garden or terrace.
- **Stay away from pesticides:** With Jain Drip Kit you can grow pesticide free fresh vegetables. There is less chance of pest attack as vegetables are grown in isolation and not in large area like farms.
- **Economical:** Jain Drip Kit gives you opportunity to grow vegetable / flowers round the year at much less investment than to purchase them from outside.
- **Portable:** Jain Drip Kit is easy to install and shift from one place to other.





# How It Works???

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Jain DripKit Terrace & Home garden operates on gravity pressure of overhead tank.

There is an online lateral filter to ensure clean dirt free water to your plants. Once control valve opened, water flows through the tubing.

Water flow gets regulated through the online dripper connected to lateral. It ensures uniform flow for all the plants.

From one single dripper water can be distributed to multiple pots or plants using 2-way or 4-way adaptor and small spaghetti tube and a stake dripper inserted in the soil media in the pots.

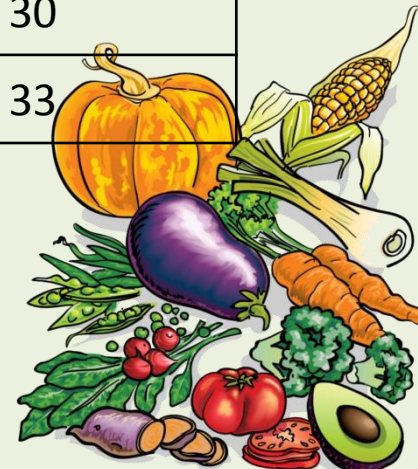
You can add fertilizers in overhead tank (Do not add fertilizer if general purpose tank is to be used).










# Tank Head Vs. Discharge

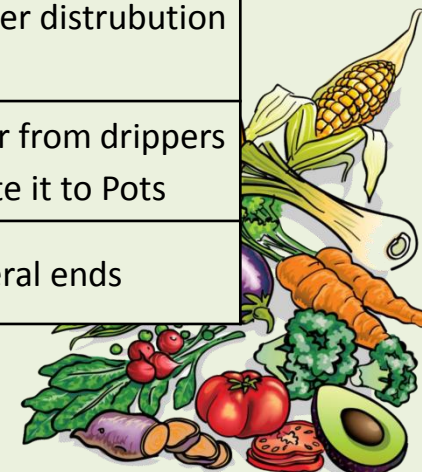
Following table represents emitter discharge (Labyrinth Stake Dripper) with respect to Tank Head including Tank Capacity required (lph).

Tank Head (m)	Labyrinth Stake Dripper Flow (lph)		Tank capacity (lph)
	4 way	2 way	
1.0	0.32	0.63	19
1.5	0.39	0.77	23
2.0	0.45	0.89	27
2.5	0.50	1.00	30
3.0	0.55	1.10	33







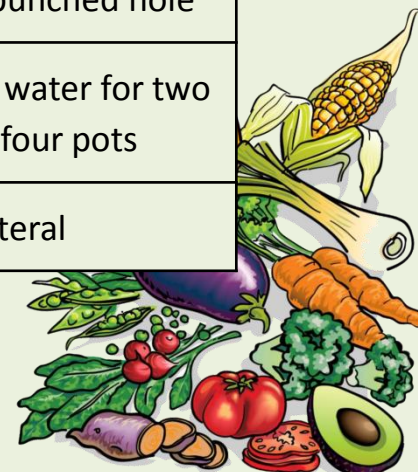
# Components

Photo	Code	Description	Qty.	Application
	TAO1634	Poly Threaded Adaptor 3/4" X 16mm	1 No	Threaded connection to connect water source
	PMV1616	Mini Valve 16 Mm X 16 mm	1 No	To ON / OFF irrigation for vegetables
	TO162100	Tube OD 16mm CL2	15 mtr	To distribute water from water source
	LF16PB	Jain Drip Inline Filter 16 mm	1 No	To remove physical impurity coming from water source
	JTKP04	Turbo Key Plus Dripper 4 lph	15 Nos	Uniform water distrubution from lateral
	802875A4W040	Labyrinth Stake 4-Way Assembly 75cm	15 Nos	Collect water from drippers and distribute it to Pots
	ESO816	Lateral End Stop "8" Shape 16 mm	5 Nos	To close Lateral ends



# Components

Photo	Code	Description	Qty.	Application
	SHP	Polytube Plastic Punching Pin	1 No	To make hole for dripper installation
	TO16	Barbed Poly Tee 16 mm (Equal)	3 Nos	To setarate lateral lines
	LTHS16	Tube Hold Stakec' Clip 16 mm	5 Nos	To hole lateral at one place
	ELO16	Barbed Elbow 16 mm	2 Nos	To turn Lateral 90 <sup>0</sup>
	GP	Barbed Goof Plug 2.9 mm	5 Nos	To close misspunched hole
	A2WD	2 Way Adopter For Taper O/L Drip	6 Nos	To distribute water for two pots instead four pots
	JO16	Barbed Poly Joiner 16 mm	2 Nos	To join cut lateral



# Features of Emitter

## J Turbo Key Plus Emitter features

- Discharge rates 2, 4 lph.
- Clog resistant dripper.
- Narrow cross shaped inlet acts as a filter.
- Openable dripper - easy to clean.

Wide cross sectional area makes the dripper clog resistant.



Cross shaped inlet filters prevents entrance of most of the impurities.

Offers ease in maintenance and inspection.



Colour Coded Cap: Facilitates easy identification of emitter flow rate.



Optional Anti-bug cap; Prevents entry of ants/bugs inside the dripper.

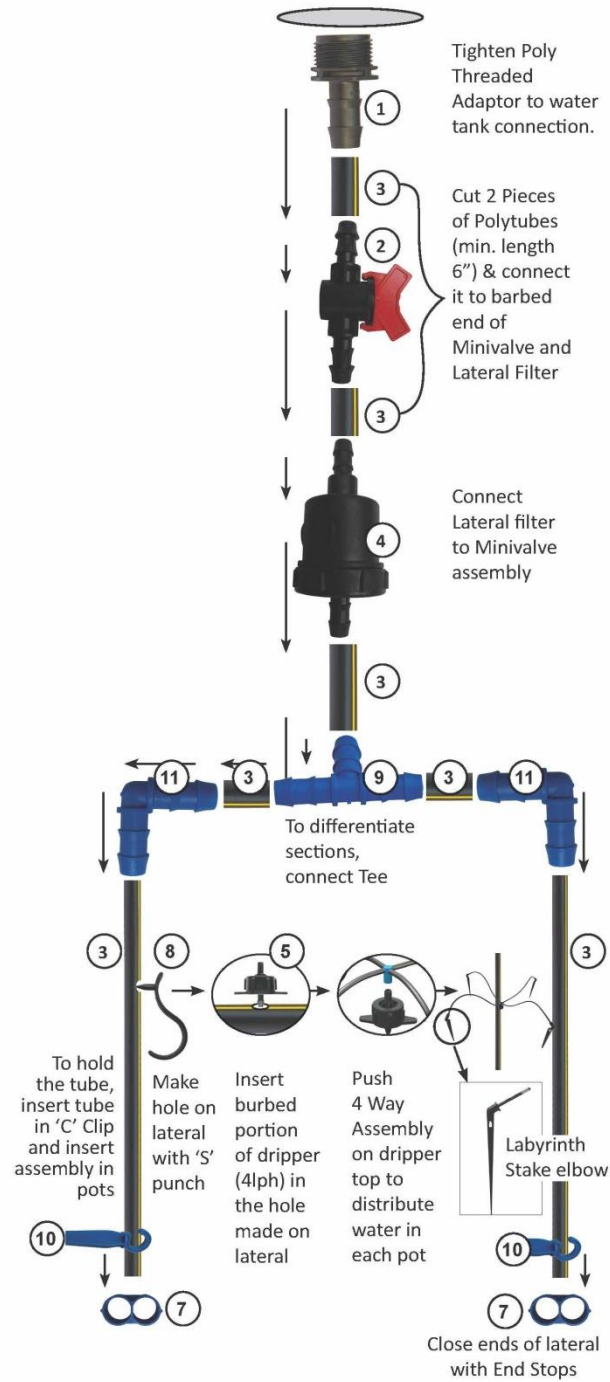
Note : Not a part of standard Dripkit. Dripkit with J-Turbo Key Plus can be ordered separately

Extended Outlet to connect multiple outlet connector; for extension of tubing for right placement of water.

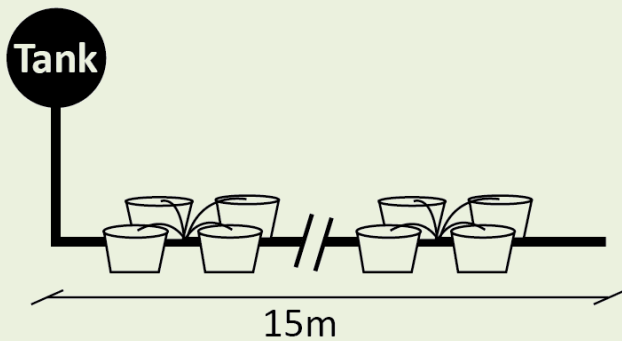
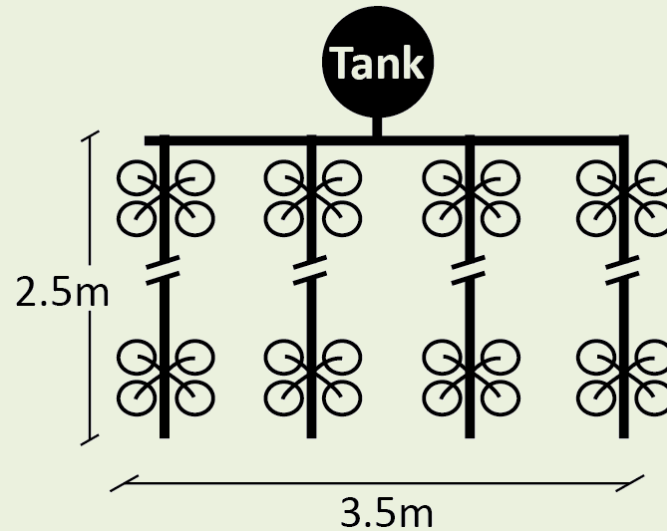
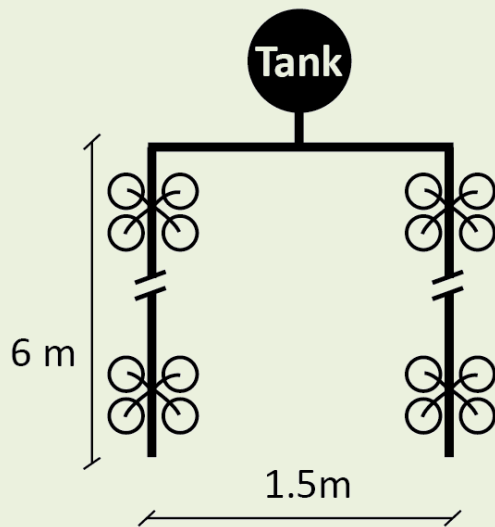




# Installation



# Possible Layouts



# Add-Inns

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## Jain DripKit with Automation

Jain Irrigation offers “Fully Automatic Irrigation Kit” especially designed for those who can not attend ON/OFF schedule of irrigation valve OR need to stay away from home as may engaged in job during day time. A small time based battery operated irrigation controllers allows to set opne/close time of the valve.

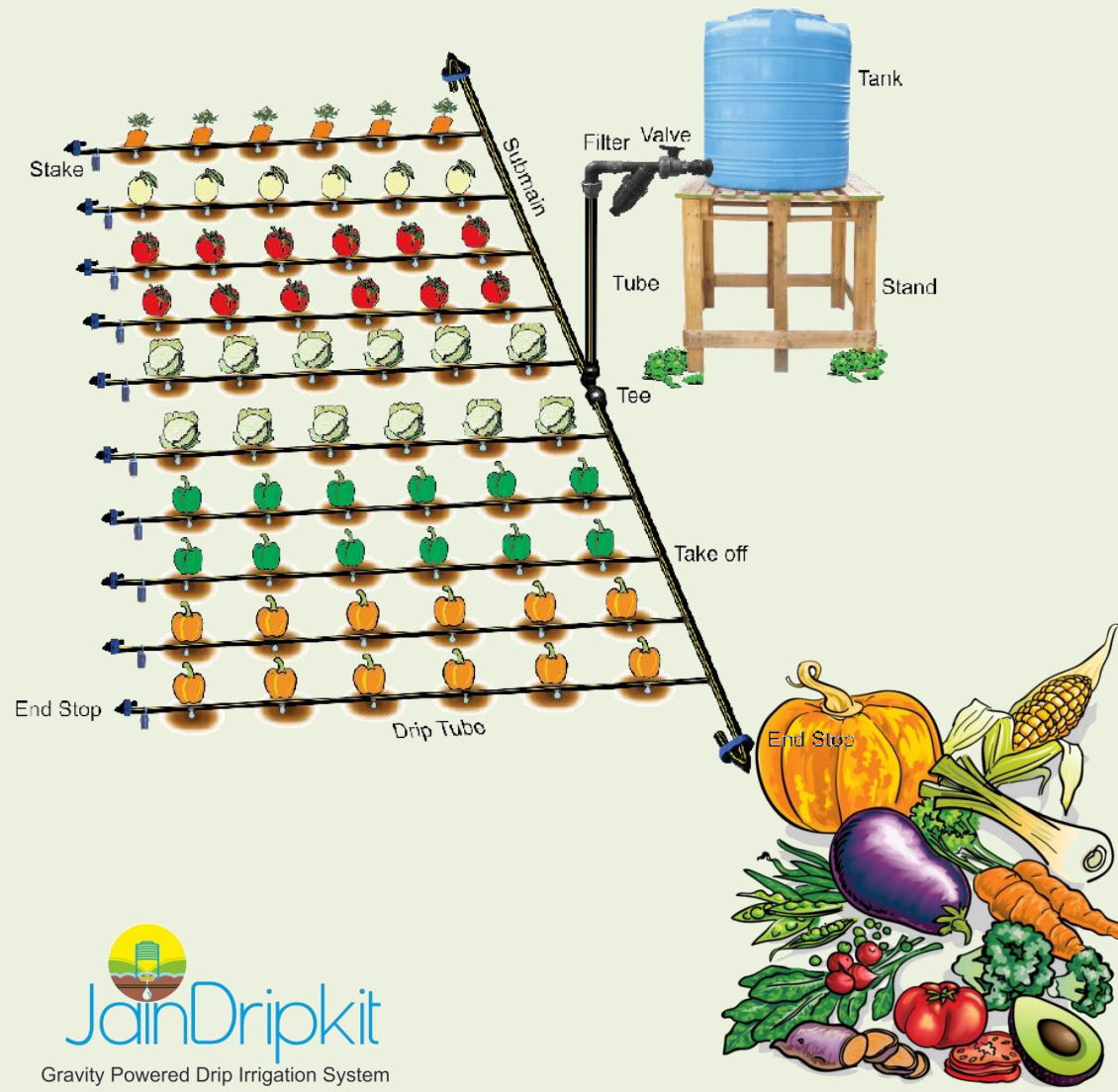
### Features

- No need to manually operation
- Easily programmable controller
- Less maintenance required



# Additional DripKits

Jain Irrigation can also provide DripKits with Dripline tubing's for 30, 100, 250, 500, 1000 and 2000 m<sup>2</sup> area.





# Thank You

