



for Terrace & Home Garden

GROW HEALTHY STAY HEALTHY

Introduction

Jain Irrigation is happy to present, small, easy-to-use and affordable Gravity Powered Dripkit 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.

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.

In addition to this water scarcity is increasing and plants need water so drip is the solution to save water and provide in required quantity with fertigation facility to grow better and more.

Advantages of Jain DripKit - Terrace/ Home garden

- **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.
- **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.
- **Options:** Jain Dripkit is available in manual as wells as automatic header assembly.

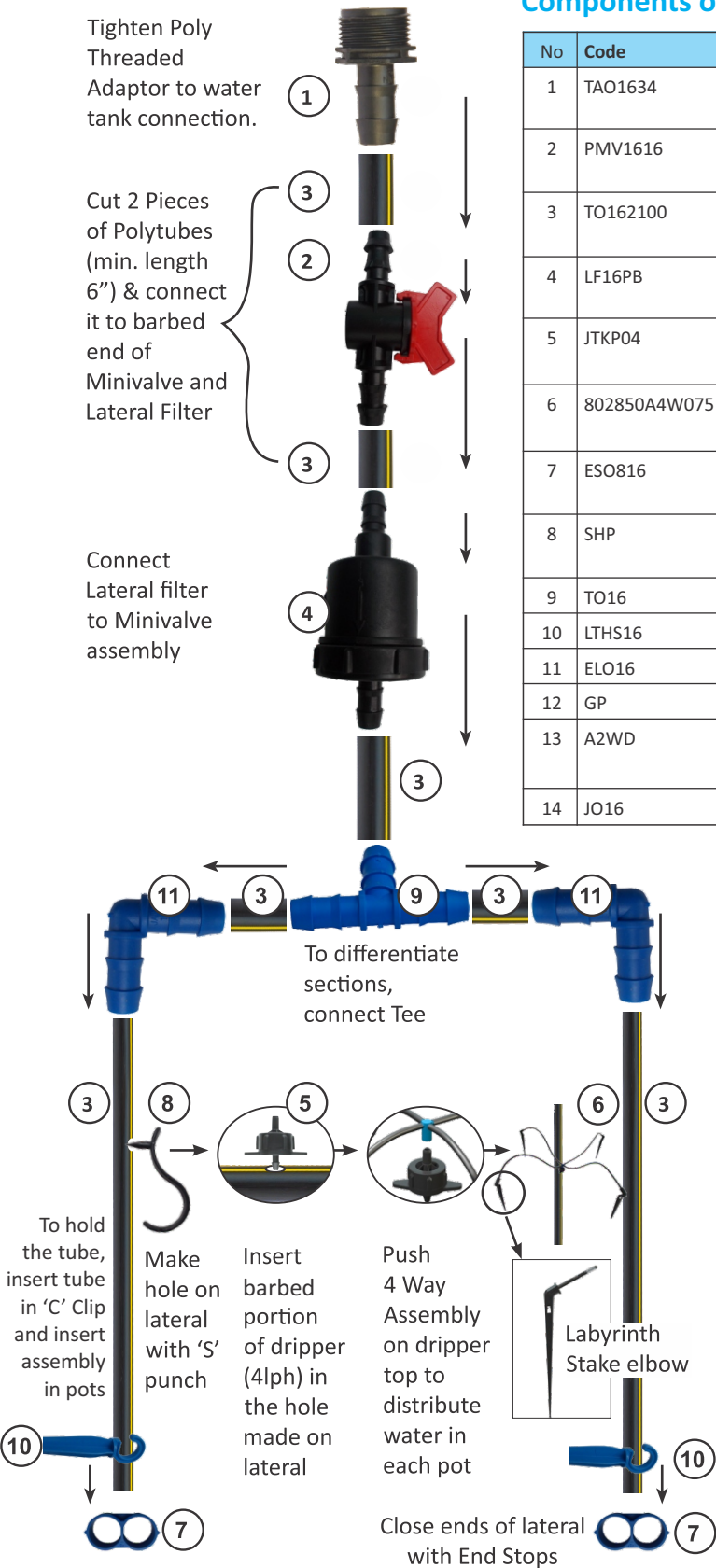


How Jain DripKit for Terrace Garden works?

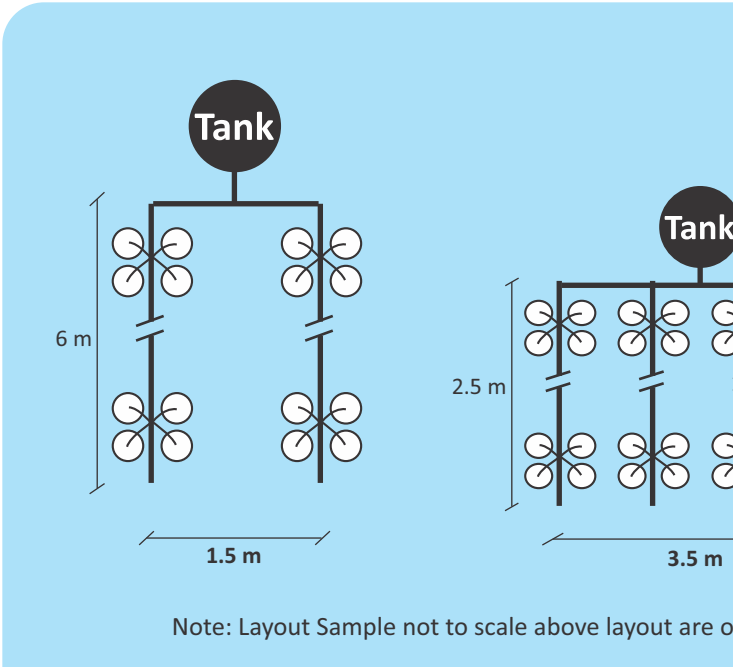
Jain DripKit Terrace & Home garden operates on gravity pressure of overhead tank. There is an online lateral filter to ensure clean dirt free water to your plants. Once control valve opened, water flows through the tubings. Water flow gets regulated through the online dripper connected to lateral. It 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).

Components of Jain Terrace Kit - JDKTK164TG

No	Code	Description	Qty.	Applications
1	TAO1634	Threaded Adaptor 3/4"x16mm	1 No.	Threaded connection to Connect water source
2	PMV1616	Mini Valve 16mm x 16mm	1 No.	To ON/OFF irrigation for Vegetables
3	TO162100	Tube OD 16mm CL2	20 Mtr.	To distribute water from water source
4	LF16PB	Jain Drip Inline Filter 16mm	1 No.	To remove physical impurity coming from water source
5	JTKP04	Turbo key Plus Dripper 4 lph	15 Nos.	Uniform water distribution from lateral
6	802850A4W075	Labyrinth Stake 4-Way Assembly 75cm	15 Nos.	Collect water from drippers and distribute it to Pots
7	ESO816	Lateral End Stop "8" Shape 16mm	5 Nos.	To close Lateral ends
8	SHP	Polytube Plastic Punching Pin	1 No.	To make hole for dripper installation
9	TO16	Barbed Poly Tee 16mm (Equal)	5 Nos.	To separate lateral lines
10	LTHS16	Tube Hold Stake Clip 16mm	5 Nos.	To hold lateral at one place
11	ELO16	Barbed Elbow 16mm	2 Nos.	To turn Lateral 90°
12	GP	Barbed Goof Plug 2.9 mm	5 Nos.	To close mispunched hole
13	A2WD	2 Way Adopter for Taper O/L Drip	6 Nos.	To distribute water for two Pots instead four pots
14	JO16	Barbed Poly Joiner 16mm	2 Nos.	To join cut lateral



Possible layout



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 open/close time of the valve.

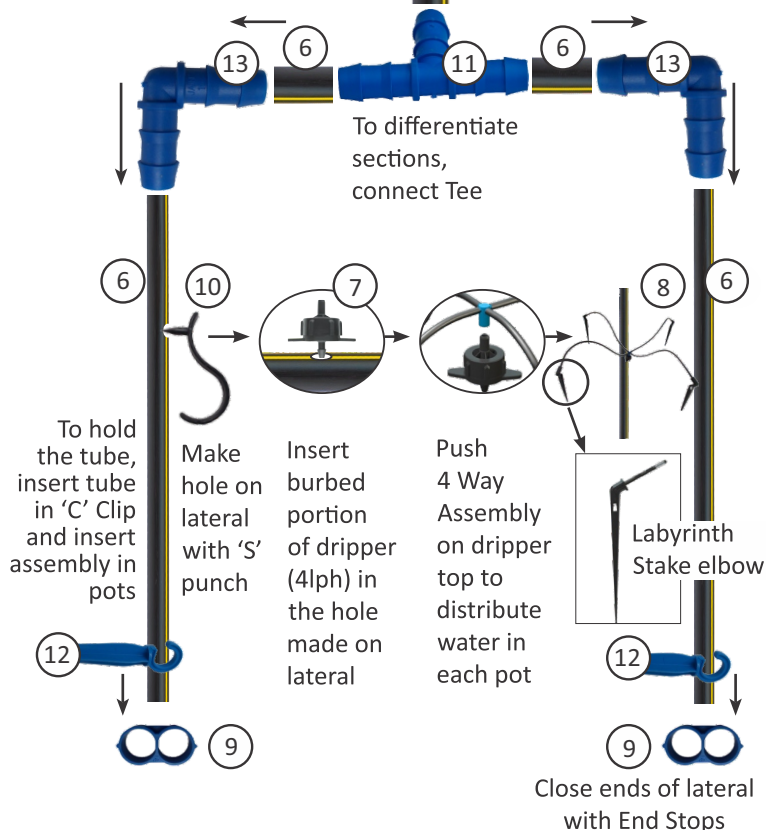
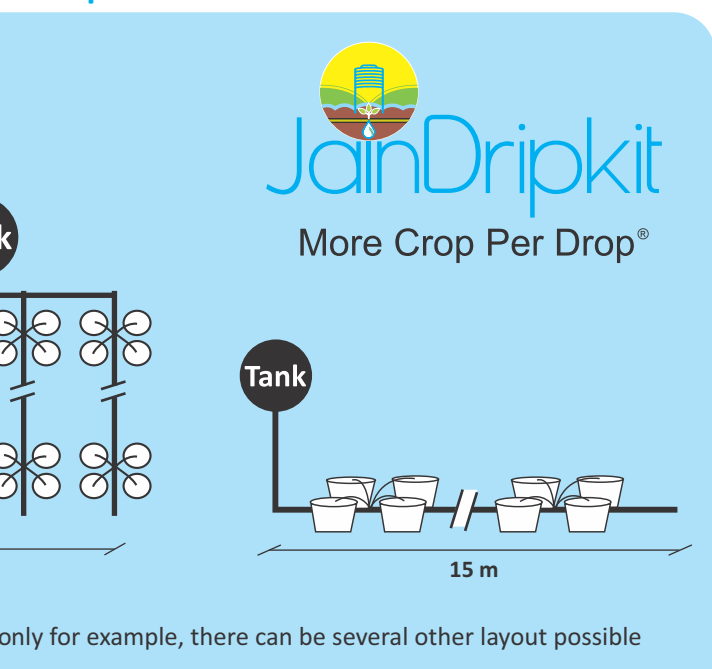
- Features:**
- No need to manually operate
 - Easily programmable battery operated controller
 - Less maintenance required
 - Dust, water tight and on valve mounting options for controller

Components of Jain Terrace Kit with Automation- JDKTK164TGA

No.	Code	Description	Qty	Applications	Special Item
1	RPL034F1M	Plastic Reducer 3/4" Female x 1" Male	2	Threaded connection to connect water source	Automatic Header Assembly: AHCUD
2	1278601630	Single Station Smart VLV Solenoid Valve 1"	1	For automatic ON/OFF valve operation as per requirement	
3	JPSF03SC	Jain Super Flow Filter 3M ³ /HR, 3/4"	1	To remove physical impurity from water	
4	HTAF1234	1/2" x 3/4" adaptor	1	To connect Filter and Valve	
5	PMV1612	Mini Valve 16mm x 1/2"	1	For manual irrigation ON/OFF	
6	TO162100	Tube OD 16mm CL2	20 mtr	To distribute water from water source	
7	JTKP04	Turbo key Plus Dripper 4 lph	15 Nos.	Uniform water distribution from lateral	
8	802850A4W075	Labyrinth Stake 4-Way Assembly 75 cm	15 Nos.	Collect water from drippers and distribute it to Pots	
9	ESO816	Lateral End Stop "8" shape 16mm	5 Nos.	To close lateral ends	
10	SHP	Polytube Plastic Punching Pin	1 No.	To make hole for dripper installation	
11	TO16	Barbed Poly Tee 16mm (Equal)	5 Nos.	To separate lateral lines	
12	LTHS16	Tube Hold Stake Clip 16mm	5 Nos.	To hold lateral at one place	
13	ELO16	Barbed Elbow 16mm	2 Nos.	To turn lateral 90°	
14	GP	Barbed Goof Plug 2.9mm	5 Nos.	To close mispunched hole	
15	A2WD	2 Way adpoter for Taper O/L Drip	6 Nos.	To distribute water for two pots instead four pots	
16	JO16	Barbed Poly Joiner 16mm	2 Nos.	To join cut lateral	



Layout option





Jain Plastic Park, Jalgaon

The Company

Jain Irrigation Systems Ltd. (JISL) is a diversified entity with turnover in excess of 1 Billion USD. We have a Global presence with 30 manufacturing bases spread over 4 continents. Our products are supplied to 126 countries with able assistance from 6700 dealers and distributors worldwide. We have reached over 7.2 million farmers.

We are the second largest Micro-Irrigation company in the world. The Micro-Irrigation Division manufactures a full range of precision-irrigation products. Provides services ranging from soil survey, engineering design to agronomic support. It nurtures a sprawling 2000 acre Hi-Tech Agri Institute; a Farm Resource R&D, Demo, Training & Extension Centre. JISL also undertakes turnkey projects for agricultural and irrigation development with holistic & integrated approach. Over 1500 agri and irrigation scientists, engineers and technicians are engaged in offering services for complete or partial project planning and implementation e.g Watershed Development through Wasteland Transformation, including crop agronomy, protected cultivation etc.

JISL is also the largest manufacturer of Plastic pipe in India covering a wide range of pipes and fittings. We annually process over 300,000 MT of various polymers. We extrude pipe/sheet and inject the molds of PVC, PE, PP & CPVC along with other engineering polymers like Polycarbonate, Polyamide, PBT, ABS etc. We are a Total Solution Provider for various plastic Piping systems that are used in conveyance of fluids, semisolids, gases and cables.

The Tissue Culture Division produces 80 million plantlets of Banana at full capacity and has established matching primary and secondary hardening facilities as well as independent R&D and virology labs. Similarly, a modern Bio-tech lab equipped with state of art facilities meet the needs of continuous genetic improvement and validation

program in cultivators of onion, banana, mango, pomegranate etc.

We also process tropical fruits like mango, banana, pomegranates into purees, concentrates, juices and IQF products. The Dehydration Facility dehydrates Onions & Vegetables. The Spray Drying Unit processes gooseberry and other fruit purees into powders.

Agricultural and Fruit Processing waste is converted into biogas to generate power of 1.6MW capacity along with waste heat for refrigeration and soil conditioner. We care for sustainable farming, a system we profess and practice under the aegis of JAINGAP. In the first year of operation, Our non banking finance corporation SAFL has disbursed more than 30 million USD for small holder to adopt agriculture inputs including micro irrigation.

JISL is the only company in India which is not only a Pioneer manufacturer of hi-tech agricultural inputs but also a Total Agri-Service provider, Training and Extension Institute, large farm cultivator and an Agricultural Consultancy organization.

Our other businesses include, PVC sheets, Solar Water Heaters, Solar Water Pumps, PV Panels, and Solar Lighting appliances, where the emphasis is on the conservation of scarce natural resources like forest and energy. PVC sheets can replace wood as a substitute for building material and save our forests. Similarly Solar Water Heaters and Photovoltaic Lighting systems uses the abundant Solar Energy available for free and saves the natural sources of energy like coal which is used to produce electricity etc.

A lifetime commitment to introduce modern yet affordable, and viable technologies in all our product offerings have compelled us to be creative and continuously innovative.

