



NETAKITS™

FDS™ and DripK systems

A climate-smart solution
for small-scale farmers

NETAKITS™ FDS™ AND DRIPK

"We have implemented the drip irrigation kit for more than a year now and it does a perfect job for us. It is very durable and very effective. Regardless of the smaller size of the micro drip, it is very effective and delivers the perfect amount of water to our crops."

- Felix Mwangala, Training Centre Supervisor/, AGCO Zambia

/ Farming As A Business

Millions of small-scale farmers across Southern Africa want to move their focus from mere survival to farming as a business. Small-scale farmers are however under severe pressure from limited and declining natural resources. There is a critical need to make the most of the limited available water sources.

In response to this critical need, governments across the SADC region, Non-Governmental Organisations and agricultural companies are promoting various innovative water management technologies.

One such technology is drip irrigation. Drip irrigation allows producers to apply precise and uniform amounts of water and nutrients directly to the root zone of plants. This brings higher yields, lower water-use and less dependency on weather, enabling greater control over yields.

/ Making Drip Irrigation Accessible To All

When you use traditional irrigation methods, you will face obstacles such as uneven distribution of water and nutrients, varying water sources that impact water quality, water wasted due to runoff and evaporation, inadequate electricity supplies that hamper pump operation, and intensive labour requirements. This all comes against the backdrop of the low economy of scale of a small-scale farm as well as the massive challenges caused by climate change.

Recognising the potential impact of drip irrigation for small-scale farmers in practicing climate-smart agriculture, Netafim™ wanted to make drip irrigation accessible to all farmers. The solution is NetaKit™: unique, gravity-based drip irrigation systems requiring no electricity or energy source. There are two types of NetaKit™ available: the FDS™ (Family Drip System) suitable for plots ranging from 100 m² to 1 000 m² and DripK for plots ranging from 1600 m² to 9600 m².



/ Benefits of Drip Irrigation

- More efficient use of water
- Less runoff/ water loss
- Less labour needed
- Low running costs – low energy
- Reduces weed problems
- Fertilizer can be applied through irrigation – also reduces fertiliser loss
- Increases quality of crop
- Increases yield

/ Benefits of FDS™ and DripK

- Easy to install
- Kit includes every component you will need
- Affordable
- No or very low energy requirements
- Makes drip irrigation accessible for all

/ Kit Components

The FDS™ and DripK systems are equipped with every component necessary for the system to operate. This includes a valve, a filter, a distribution pipe, dripperlines, and all required connectors and accessories, along with detailed yet user-friendly installation, operation and maintenance instructions. The kit excludes a tank, tank stand and pump.

→ FDS™

(Family Drip System)

- Area - 100 m² to 1 000 m²
- 8 mm Microdrip™ dripperlines up to 12.5 m long

→ DripK

(Can be pressured by gravity from a tank or by a pump)

- Area - 1 600 m² to 9 600 m²
- 12 mm Supertyphoon™ dripperlines up to 80 m long
- 16 mm Supertyphoon™ dripperlines up to 100 m long

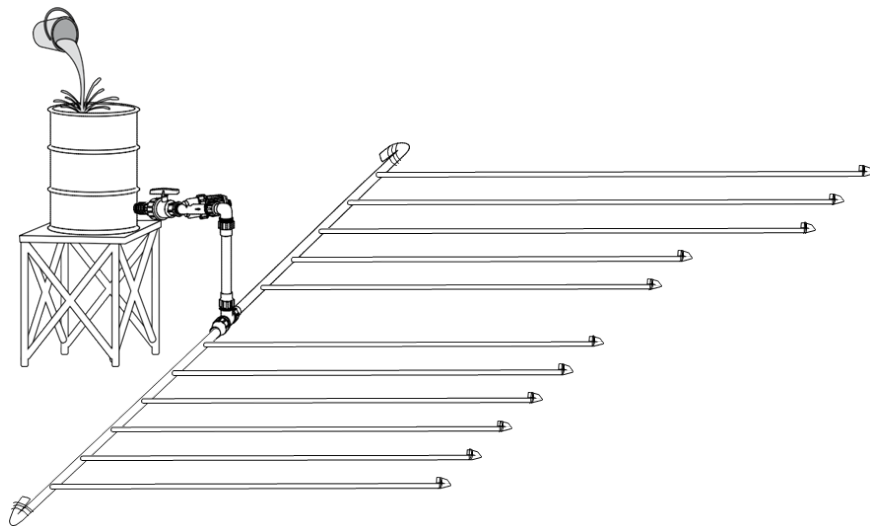
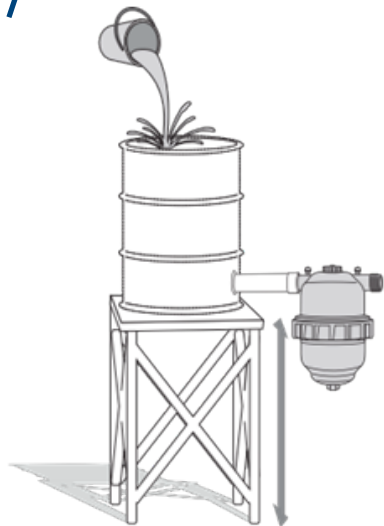


"The agricultural industry must become more resilient to climate change by adapting climate-smart agricultural technologies. Farmers must take interest in the simple but effective irrigation technology offered by Netafim. We realise that the efficient use of water is an important part of climate-smart agriculture."

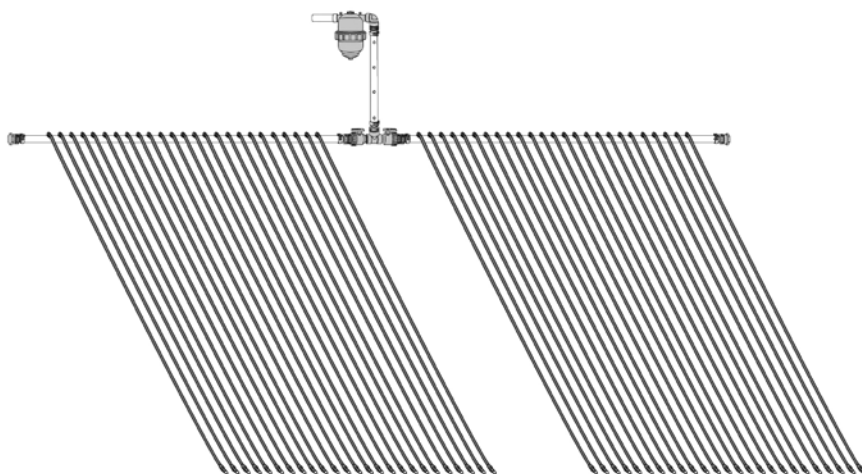
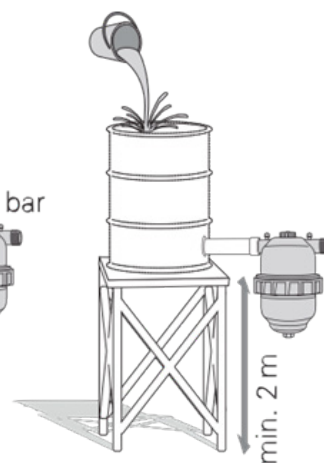
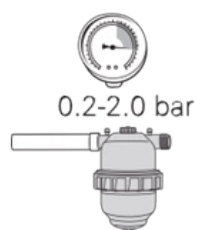
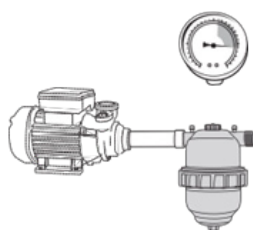
– Michael Katambo, Minister of Agriculture,
Zambia, October 2019



/ FDS™



/ DripK



CONTACT US TO FIND OUT HOW YOU CAN GROW MORE WITH LESS

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