

NETAKIT™

Netafim™, the pioneer and global leader of drip- and micro-irrigation, understands the growing complexity of the micro-irrigation industry. On the one hand, growers need more and more solutions to meet their diverse applications, crop types and plot sizes. On the other hand, they are finding it difficult to navigate through the seemingly endless list of available choices and suppliers.

COVERING ALL IRRIGATION BASES

Recognizing these rapidly-evolving industry changes, Netafim offers NetaKit. A comprehensive, all-in-one irrigation solution for growers of all sizes, NetaKit is redefining irrigation-system acquisition. Bringing several Netafim systems under one umbrella, NetaKit simplifies the search, purchase and installation process for growers, providing them with a user-friendly, cost-efficient single-vendor offering that meets their unique requirements.

COMPACT, ALL-IN-ONE PACKAGING

Each NetaKit system comes in a single, compact package that includes all of the “hardware” needed to get things up and running – valves, filters, connectors, dripperlines/sprinklers, distribution pipes and accessories. Equipped with a detailed yet user-friendly instruction manual along with system-specific irrigation information, NetaKit ensures easy, rapid and efficient installation.

Working across a range of low and high pressures, NetaKit systems utilize diverse energy sources, including solar/diesel, electrical pump and gravity, to keep energy costs down. Part of Netafim’s market-leading line of drip- and micro-irrigation solutions, NetaKit also increases water savings while promoting sustainable productivity.

HIGHLIGHTS

- Comprehensive offering
- Efficient, compact packaging
- All-in-one system “hardware”
- Easy-to-install units
- Low-cost energy sources
- Low-risk, field-proven systems
- Multi-application, -crop, -size plot coverage

BENEFITS

- Higher quality yields
- Greater water savings
- Lower energy costs
- Increased cost efficiency

NETAKIT SYSTEMS

Designed to address the varied needs of Netafim customers identified over time, NetaKit comprises several systems covering different parts of the irrigation process across myriad applications, crops and plot sizes:

DripK	Drip irrigation system for open-field vegetable/row-crop plots and orchards ranging from 250 m ² to 10000 m ² (1.0 ha)
SprinkK	Sprinkler system for open-field vegetable/row-crop plots of up to 1.0 ha
HeadK	Complete head control system for drip, sprinkler/micro-sprinkler and other irrigation systems for open-field, orchard and greenhouse crops
NutriK	Complete Nutrigation™ systems for open-field and orchard crops



SPRINK 10 110

SPRINKLER IRRIGATION SYSTEM PER 1.0 HECTARE

APPLICATIONS

Irrigation of all vegetable types or row crops grown on 1.0 hectare fields.

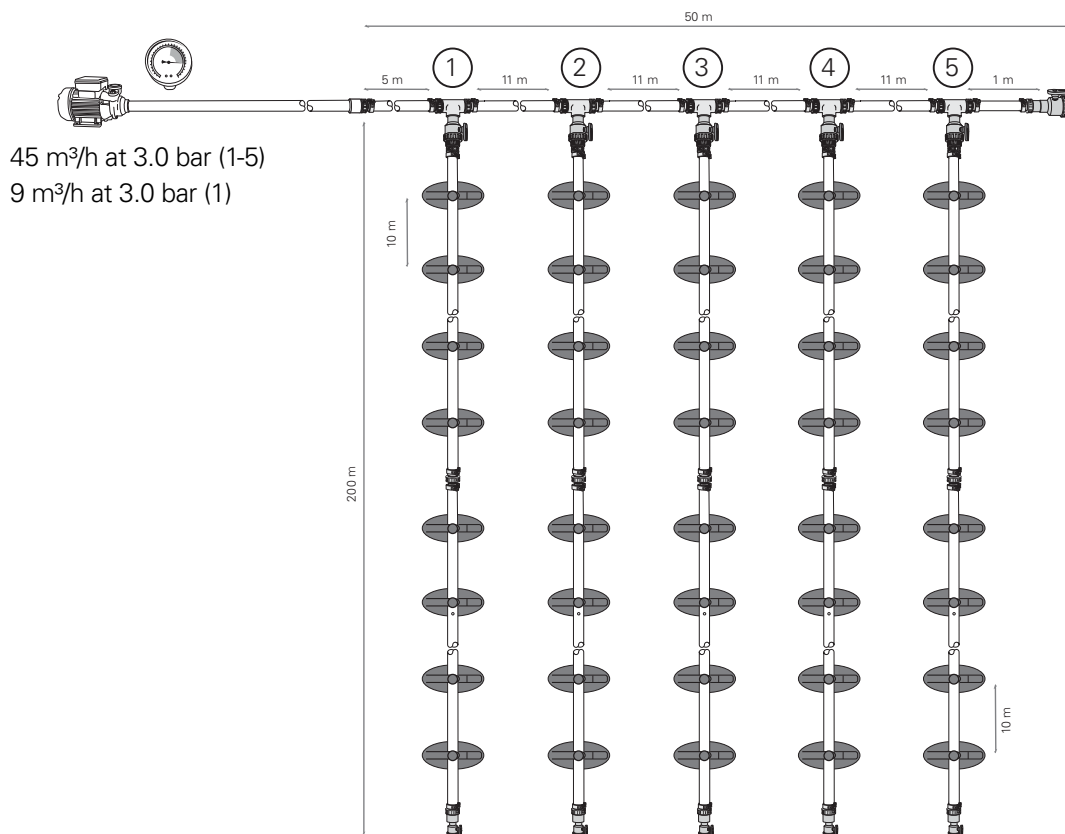
SPECIFICATIONS

- Designed for irrigation of 1.0 hectare (10000 m²) with 10*11 meter sprinkler rectangular spacing.
- Working pressure: 3.0 bar.
- System head control must be installed in the highest point of the irrigated field.
- The system is designed for installation in fields with maximum 2% slope.
- The system includes all needed components for field installation and operation.
- It can be fully or in five shifts operated depending on the water amounts per hour available to the user.

ADVANTAGES

- All products/ parts needed for installation and operation are included.
- Easy to use, assemble and operate.
- Precise and efficient water application.
- Robust and protected sprinklers mechanism for several seasons' performance.

BASIC SYSTEM DESIGN



LOGISTIC DATA

- Catalog number: 42000-013000
- Packaging size: 1.50 x 0.75 x 1.50 meter
- Number of pallets per 40 ft container: 22 systems
- Average pallet weight: 258 Kg

SYSTEM COMPONENTS

SPRINK 10 110	42000-013000
DESCRIPTION	UNITS
PLN PIPE 2" 1/2" CONN. 10 M 100 M	10
FTN PIPE 3" 78 MM BLANK 50 M	1
PLN/FTN COUPLING BARB CONN. 2" KIT	5
PLN/FTN BARB CONN. 3" * MTH BSP 3" KIT	1
T 3" * 2" * 3" FOR SPRINK KIT	5
FLUSHING VALVE KIT 3" FOR SPRINK	1
FLUSHING VALVE KIT 2" FOR SPRINK	5
MGN 24D 1/2"IC 450 L/H HEAD ONLY	100
MEGA BASE	100
MEGA SUPPORTING ARM	100
MEGA RISER - 0.4 M	200
NARROWTEFLON	10

TECHNICAL DATA

Sprinkler flow rate at 2.5 bar working pressure	461 l/h
Precipitation rate	4.19 mm/h
One lateral flow rate	9.22 m ³ /h
Total area flow rate , 5 laterals	46.10 m ³ /h

If the inlet pressure is more than 3.0 bar is strongly recommended the installation of a:

- a) Threaded 3" PRV at the system head, catalog number: 30580-001600 (not included in this kit), or



- b) PRV Barb 2" kit at the beginning of each lateral, catalog number: 43040-035250 (not included in this kit)

