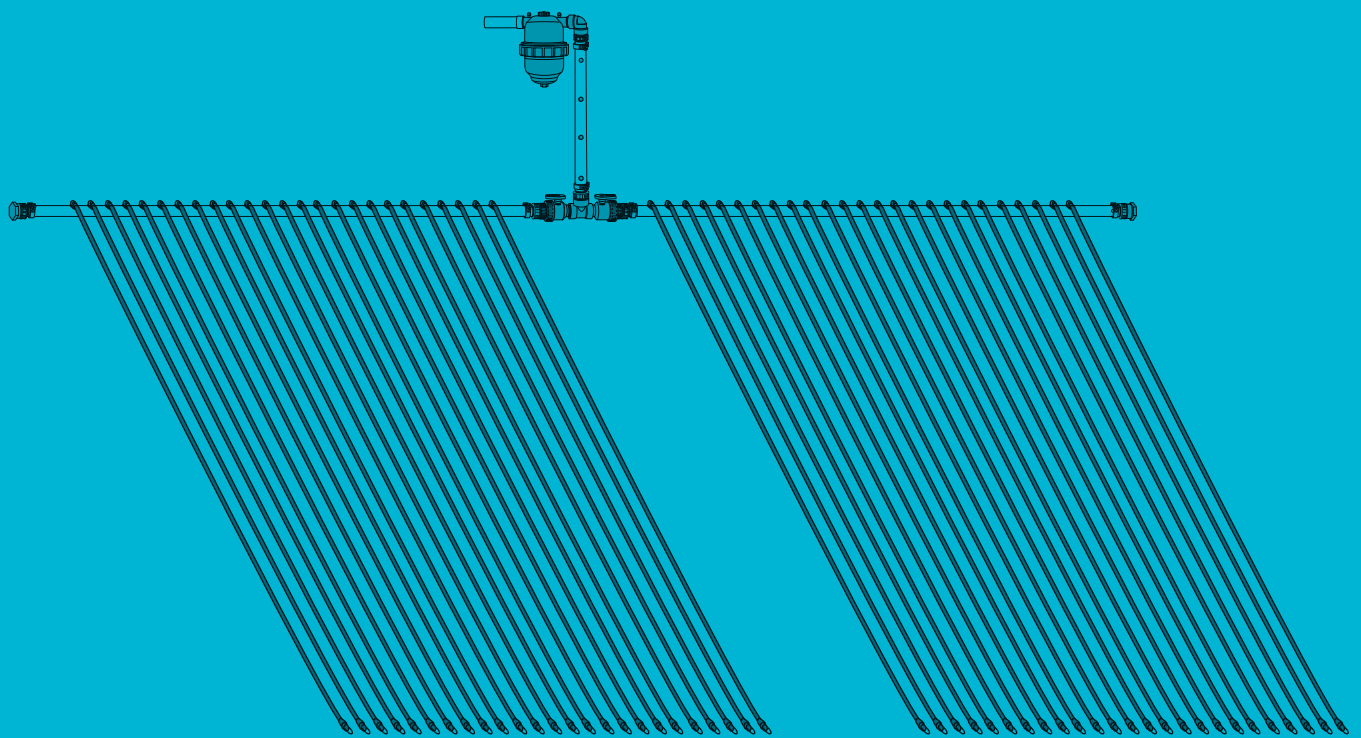


NETAKIT

PRODUCT CATALOG



2019

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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



FDS 250

A COMPLETE DRIP IRRIGATION SYSTEM PER 250 M²

APPLICATIONS

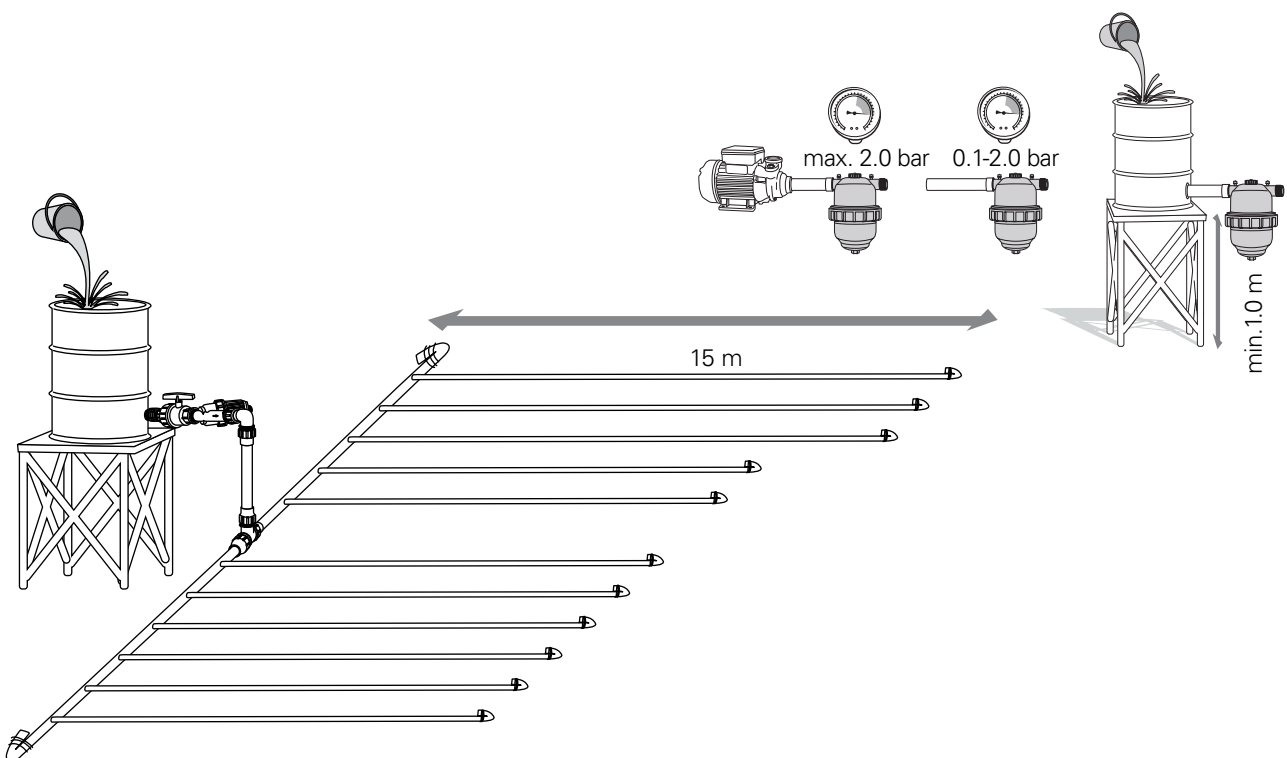
Irrigation of all row crop and vegetable types grown on 250 m² fields.

BENEFITS AND FEATURES

- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 250 m² with 1.0 m dripperline spacing.
- Working pressure range: 0.1 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.1 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.



LOGISTIC DATA

- Catalog number: 42000-003100
- Box packaging size: 0.52 x 0.52 x 0.25 meter
- Average box weight: 9.7 Kg
- Pallet packaging size: 1.14 x 1.14 x 2.17 meter
- Average pallet weight: 323 Kg
- Number of irrigation kits per pallet: 32 kits

SYSTEM COMPONENTS

FDS 250 • 42000-003100	
COMPONENTS	UNITS
MICRODRIP 8 2.00 L/H 0.30 M 250 M	1
PE IRRIGATION PIPE 25/4 25 M FDS	1
TANK OUTLET 1" BUTZI PP	1
PLASTIC FEMALE COUPLER 1"	1
PLASTIC NIPPLE 1" * 1"	1
NMV PVC BALL VLV 1 UNION 1" FFT BSP	3
FILTER 1" BSP 120 MESH BRWN L	1
TEE SWIVEL FEMALE 1" M * 1" F * 1" M	1
NUT LOCK FITT. ELBOW 25*1" MALE	2
NUT LOCK COUPLING 25*25	2
NUT LOCK FITT. END LINE 25 MM	2
NARROW TEFLON	2
MINI PUNCH 3.5	1
PRESS FIT FEMALE START CONN. 4X6.5 BROWN	20
PRESS FIT MALE CONN. F/MICRO TUBE 8 MM BWN	20
BARB COUPLING BROWN CONN. 8 MM	20
MIC MALE PLUG	5
END LINE MICRODRIP 8 MM 20/BAG	1

FDS CONNECTORS BAG (SPARE PARTS) • 42000-003500	
COMPONENTS	UNITS
BARB-F CONN. BROWN	20
BARB-M CONN. BROWN F/MICRO TUBE 8 MM	20
BARB COUPLING BROWN CONN. 8 MM	20
MALE PLUG	5

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.65	0.91	1.28	1.56	1.79	2.00	2.19	2.36	2.52	2.67	2.81
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.0 M	2.16	3.03	4.25	5.19	5.97	6.66	7.29	7.86	8.39	8.89	9.36

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 250 M DRIPPERLINE WILL BE USED	0.54	0.76	1.06	1.30	1.49	1.67	1.82	1.96	2.10	2.22	2.34
FLOW RATE 1/2 AREA (M ³ /H) WHEN 125 M DRIPPERLINE WILL BE USED	0.27	0.38	0.53	0.65	0.75	0.84	0.91	0.98	1.05	1.11	1.17



FDS 500

A COMPLETE DRIP IRRIGATION SYSTEM PER 500 M²

APPLICATIONS

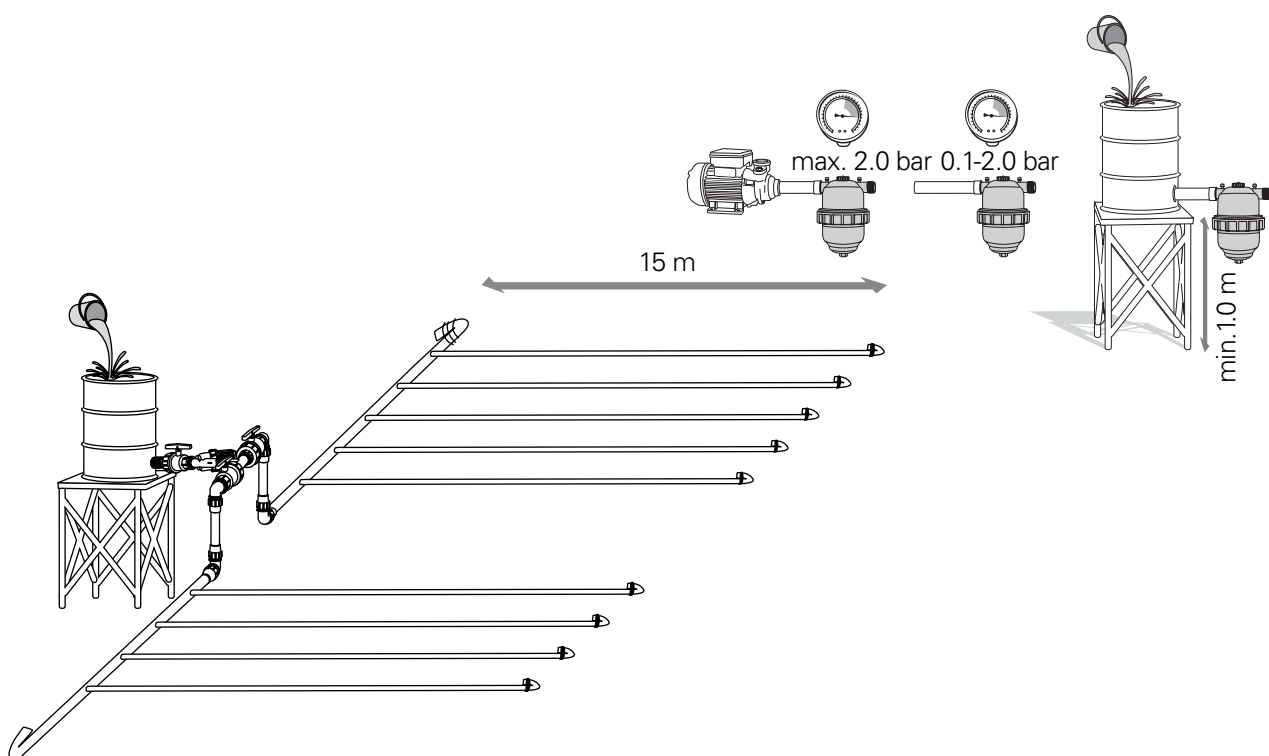
Irrigation of all row crop and vegetable types grown on 500 m² fields.

BENEFITS AND FEATURES

- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases,
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 500 m² with 1.0 m dripperline spacing.
- Working pressure range: 0.1 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.1 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.



LOGISTIC DATA

- Catalog number: 42000-001200
- Box packaging size: 0.54 x 0.54 x 0.46 meter
- Average box weight: 19.4 Kg
- Pallet packaging size: 1.14 x 1.14 x 2.10 meter
- Average pallet weight: 323 Kg
- Number of irrigation kits per pallet: 16 kits

SYSTEM COMPONENTS

FDS 500 • 42000-001200	
COMPONENTS	UNITS
MICRODRIP 8 2.00 L/H 0.30 M 250 M	2
PE IRRIGATION PIPE 25/4 25 M FDS	1
TANK OUTLET 1" BUTZI PP	1
PLASTIC FEMALE COUPLER 1"	1
PLASTIC NIPPLE 1" * 1"	1
NMV PVC BALL VLV 1 UNION 1" FFT BSP	3
FILTER 1" BSP 120 MESH BRWN L	1
TEE SWIVEL FEMALE 1" M * 1" F * 1" M	1
NUT LOCK FITT. ELBOW 25*1" MALE	2
NUT LOCK COUPLING 25*25	2
NUT LOCK FITT. END LINE 25 MM	2
NARROW TEFLON	2
MINI PUNCH 3.5	1
PRESS FIT FEMALE START CONN. 4X6.5 BROWN	40
PRESS FIT MALE CONN. F/MICRO TUBE 8 MM BWN	40
BARB COUPLING BROWN CONN. 8 MM	40
MIC MALE PLUG	10
END LINE MICRODRIP 8 MM 20/BAG	2

FDS CONNECTORS BAG (SPARE PARTS) • 42000-003500	
COMPONENTS	UNITS
BARB-F CONN. BROWN	20
BARB-M CONN. BROWN F/MICRO TUBE 8 MM	20
BARB COUPLING BROWN CONN. 8 MM	20
MALE PLUG	5

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.65	0.91	1.28	1.56	1.79	2.00	2.19	2.36	2.52	2.67	2.81
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.0 M	2.16	3.03	4.25	5.19	5.97	6.66	7.29	7.86	8.39	8.89	9.36

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 500 M DRIPPERLINE WILL BE USED	1.08	1.51	2.13	2.59	2.99	3.33	3.64	3.93	4.20	4.44	4.68
FLOW RATE 1/2 AREA (M ³ /H) WHEN 250 M DRIPPERLINE WILL BE USED	0.54	0.76	1.06	1.30	1.49	1.67	1.82	1.96	2.10	2.22	2.34



FDS 1000

A COMPLETE DRIP IRRIGATION SYSTEM PER 1000 M²

APPLICATIONS

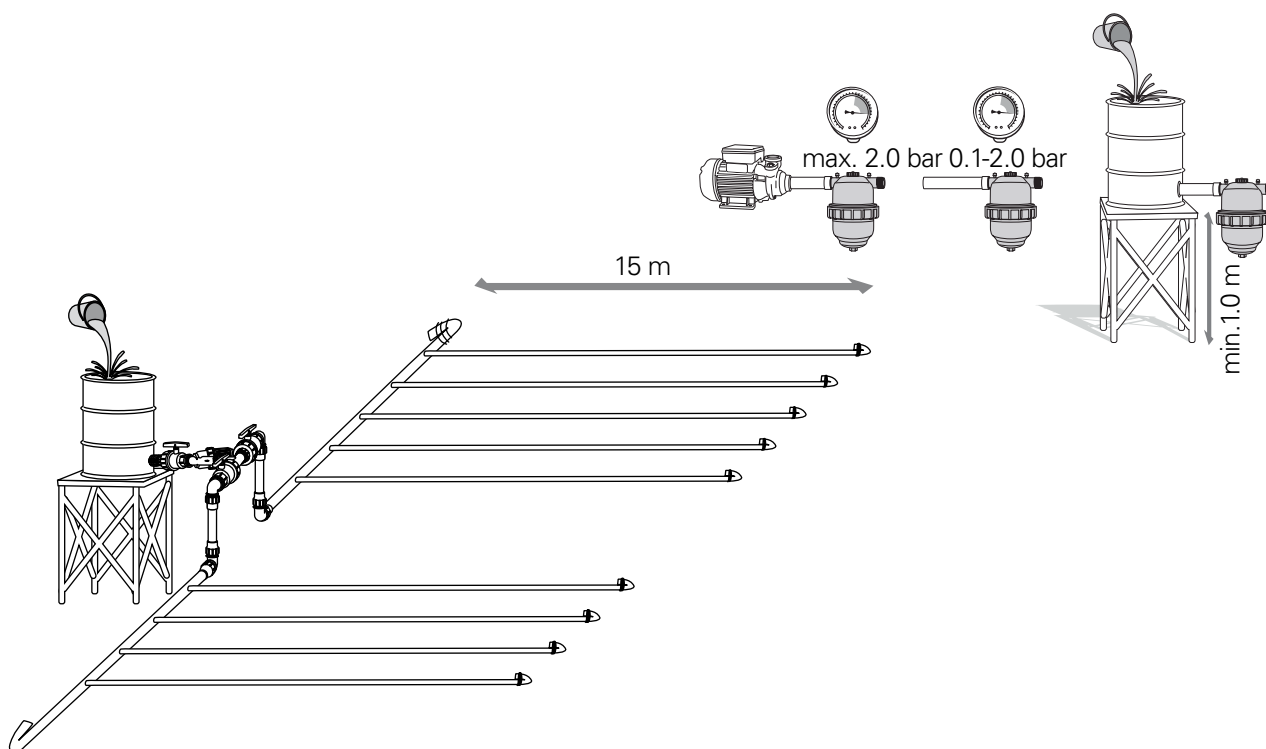
Irrigation of all row crop and vegetable types grown on 1000 m² fields.

BENEFITS AND FEATURES

- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 1000 m² with 1.0 m dripperline spacing.
- Working pressure range: 0.1 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.1 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.



LOGISTIC DATA

- Catalog number: 42000-001250
- Box packaging size: 0.59 x 0.56 x 1.12 meter
- Average box weight: 32.0 Kg
- Pallet packaging size: 1.14 x 1.14 x 1.20 meter
- Average pallet weight: 142 Kg
- Number of irrigation kits per pallet: 4 kits

SYSTEM COMPONENTS

FDS 1000 • 42000-001250	
COMPONENTS	UNITS
MICRODRIP 8 2.00 L/H 0.30 M 250 M	4
PE IRRIGATION PIPE 25/4 25 M FDS	3
TANK OUTLET 1" BUTZI PP	1
PLASTIC FEMALE COUPLER 1"	1
PLASTIC NIPPLE 1" * 1"	1
NMV PVC BALL VLV 1 UNION 1" FFT BSP	3
FILTER 1" BSP 120 MESH BRWN L	1
TEE SWIVEL FEMALE 1" M * 1" F * 1" M	1
NUT LOCK FITT. ELBOW 25*1" MALE	2
NUT LOCK COUPLING 25*25	2
NUT LOCK FITT. END LINE 25 MM	2
NARROW TEFLON	2
MINI PUNCH 3.5	1
PRESS FIT FEMALE START CONN. 4X6.5 BROWN	80
PRESS FIT MALE CONN. F/MICRO TUBE 8 MM BWN	80
BARB COUPLING BROWN CONN. 8 MM	80
MIC MALE PLUG	20
END LINE MICRODRIP 8MM 20/BAG	4

FDS CONNECTORS BAG (SPARE PARTS) • 42000-003500	
COMPONENTS	UNITS
BARB-F CONN. BROWN	20
BARB-M CONN. BROWN F/MICRO TUBE 8 MM	20
BARB COUPLING BROWN CONN. 8 MM	20
MALE PLUG	5

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.65	0.91	1.28	1.56	1.79	2.00	2.19	2.36	2.52	2.67	2.81
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.0 M	2.16	3.03	4.25	5.19	5.97	6.66	7.29	7.86	8.39	8.89	9.36

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 1000 M DRIPPERLINE WILL BE USED	2.16	3.03	4.25	5.19	5.97	6.66	7.29	7.86	8.39	8.89	9.36
FLOW RATE 1/2 AREA (M ³ /H) WHEN 500 M DRIPPERLINE WILL BE USED	1.08	1.51	2.13	2.59	2.99	3.33	3.64	3.93	4.20	4.44	4.68



DRIPK 250

A COMPLETE DRIP IRRIGATION SYSTEM PER 250 M²

APPLICATIONS

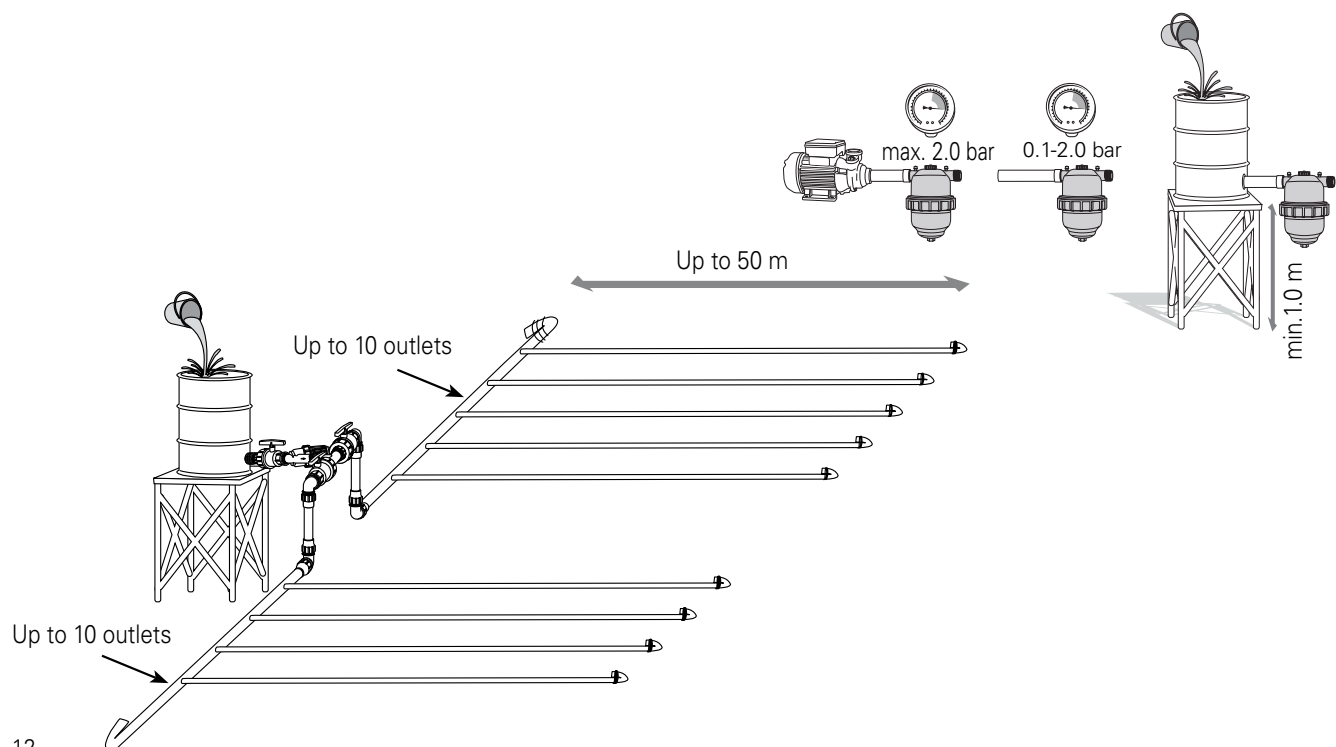
Irrigation of all row crop and vegetable types grown on 250 m² fields.

BENEFITS AND FEATURES

- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases,
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 250 m² with 1.0 m dripperline spacing.
- Working pressure range: 0.1 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.1 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.



LOGISTIC DATA

- Catalog number: 42000-014500
- Box packaging size: 0.52 x 0.52 x 0.25 meter
- Average box weight: 8.5 Kg
- Pallet packaging size: 1.14 x 1.14 x 2.17 meter
- Average pallet weight: 285 Kg
- Number of irrigation kits per pallet: 32 kits

SYSTEM COMPONENTS

DRIPK 250 • 42000-014500	
COMPONENTS	UNITS
TYP+ 12125 1.00 L/H 0.30 M 250 M	1
PE IRRIGATION PIPE 25/4 25 M FDS	1
TANK OUTLET 1" BUTZI PP	1
PLASTIC FEMALE COUPLER 1"	1
PLASTIC NIPPLE 1" * 1"	1
NMV PVC BALL VLV 1 UNION 1" FFT BSP	3
FILTER 1" BSP 120 MESH BRWN L	1
TEE SWIVEL FEMALE 1"M*1"F*1"M	1
NUT LOCK COUPLING 25*25	2
NUT LOCK FITT. ELBOW 25*1" MALE	2
TAVLIT NUT LOCK FITT. END LINE 25 MM	2
NARROWTEFLON	2
PE START CONN. 12 MM W/RING	20
RING END LINE 12 MM W/RING	20
RING COUPLING 12 MM W/RINGS	20
PUNCH 8 MM PLASTIC W/INSERTER	1

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.36	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.0 M	1.18	1.62	2.21	2.65	3.02	3.34	3.62	3.88	4.12	4.34	4.56

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 250 M DRIPPERLINE WILL BE USED	0.30	0.40	0.55	0.66	0.75	0.83	0.91	0.97	1.03	1.09	1.14
FLOW RATE 1/2 AREA (M ³ /H) WHEN 125 M DRIPPERLINE WILL BE USED	0.15	0.20	0.28	0.33	0.38	0.42	0.45	0.49	0.52	0.54	0.57



DRIPK 500

A COMPLETE DRIP IRRIGATION SYSTEM PER 500 M²

APPLICATIONS

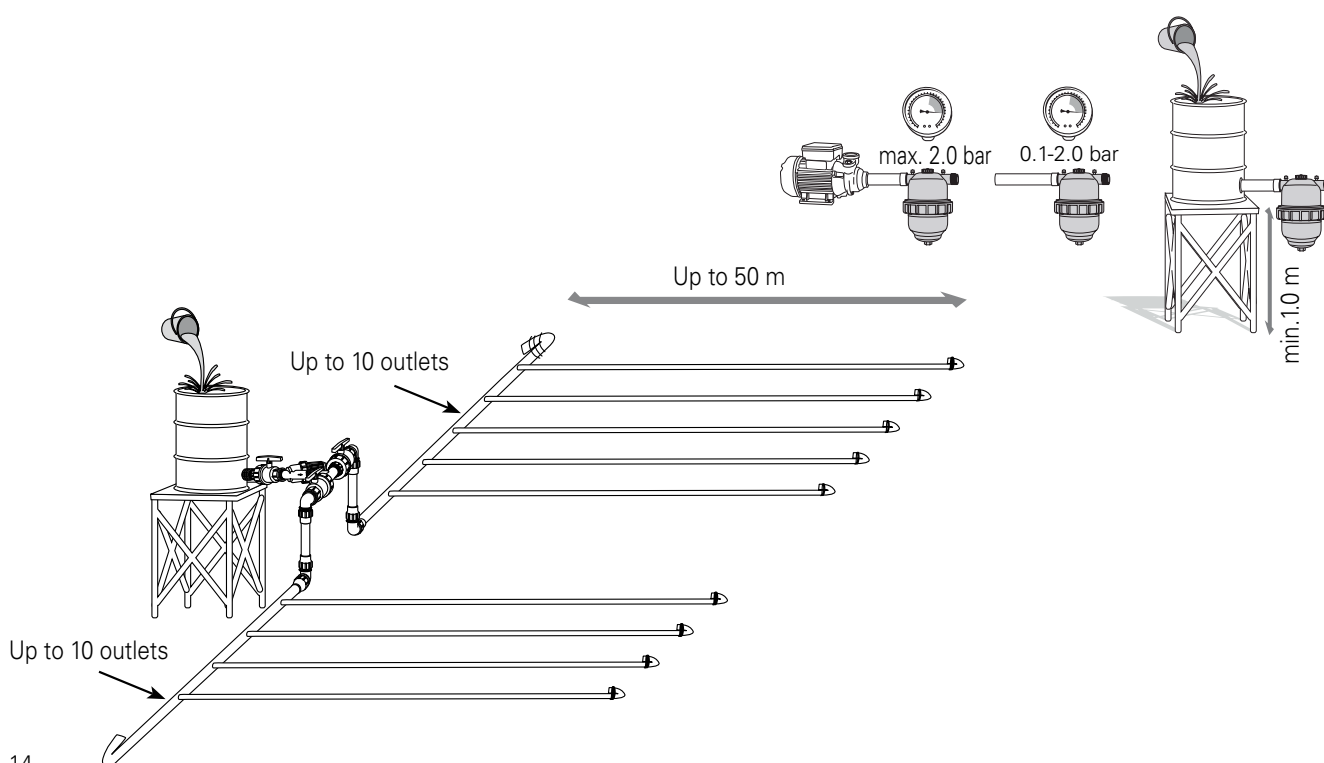
Irrigation of all row crop and vegetable types grown on 500 m² fields.

BENEFITS AND FEATURES

- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases,
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 500 m² with 1.0 m dripperline spacing.
- Working pressure range: 0.1 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.1 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.



LOGISTIC DATA

- Catalog number: 42000-015520
- Box packaging size: 0.52 x 0.52 x 0.25 meter
- Average box weight: 12.5 Kg
- Pallet packaging size: 1.14 x 1.14 x 2.17 meter
- Average pallet weight: 413 Kg
- Number of irrigation kits per pallet: 32 kits

SYSTEM COMPONENTS

DRIPK 500 • 42000-015520	
COMPONENTS	UNITS
TYP+ 12125 1.00 L/H 0.30 M 250 M	2
PE IRRIGATION PIPE 25/4 25 M FDS	1
TANK OUTLET 1" BUTZI PP	1
PLASTIC FEMALE COUPLER 1"	1
PLASTIC NIPPLE 1" * 1"	1
NMV PVC BALL VLV 1 UNION 1" FFT BSP	3
FILTER 1" BSP 120 MESH BRWN L	1
TEE SWIVEL FEMALE 1"M*1"F*1"M	1
NUT LOCK COUPLING 25*25	2
NUT LOCK FITT. ELBOW 25*1" MALE	2
NUT LOCK FITT. END LINE 25 MM	2
NARROWTEFLON	2
PE START CONN. 12 MM W/RING	20
RING END LINE 12 MM W/RING	20
RING COUPLING 12 MM W/RINGS	20
PUNCH 8 MM PLASTIC W/INSERTER	1

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.36	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.0 M	1.18	1.62	2.21	2.65	3.02	3.34	3.62	3.88	4.12	4.34	4.56

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 500 M DRIPPERLINE WILL BE USED	0.59	0.81	1.10	1.33	1.51	1.67	1.81	1.94	2.06	2.17	2.28
FLOW RATE 1/2 AREA (M ³ /H) WHEN 250 M DRIPPERLINE WILL BE USED	0.30	0.40	0.55	0.66	0.75	0.83	0.91	0.97	1.03	1.09	1.14



DRIPK 1000

A COMPLETE DRIP IRRIGATION SYSTEM PER 1000 M²

APPLICATIONS

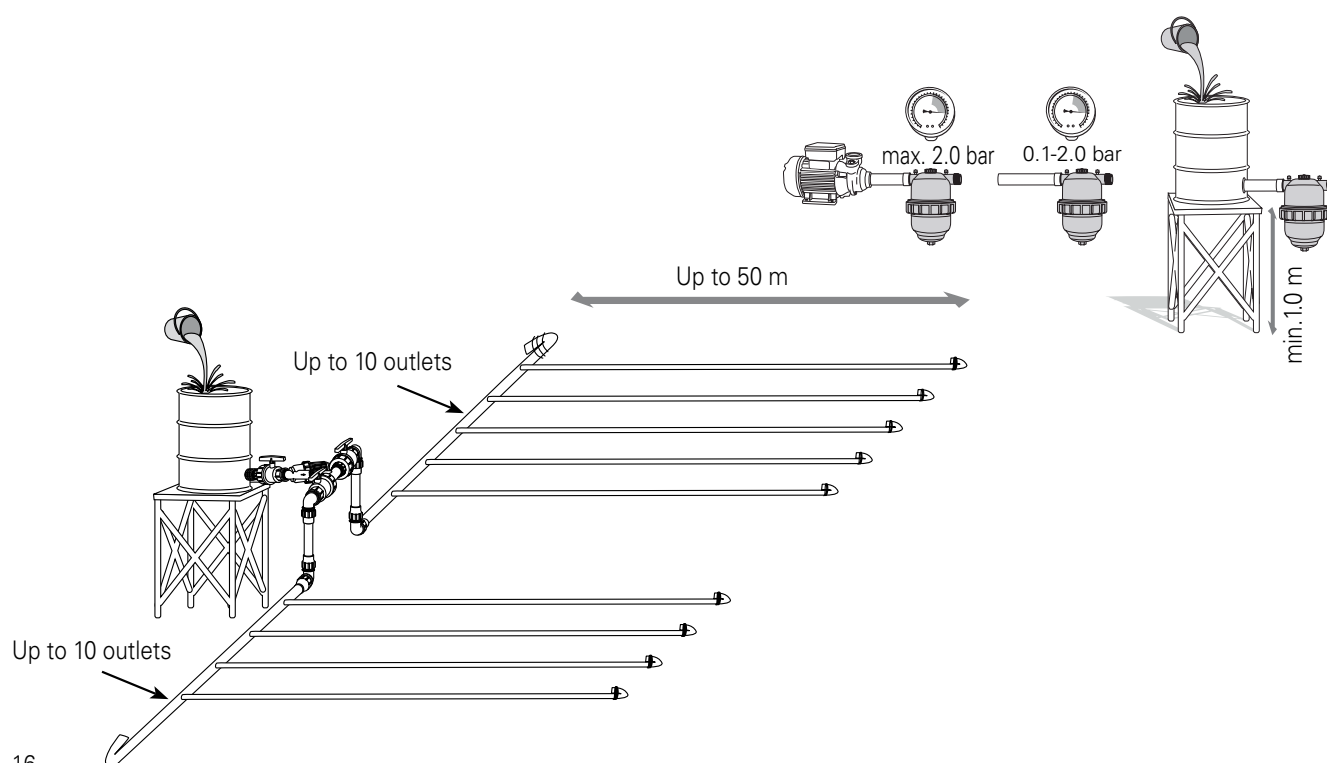
Irrigation of all row crop and vegetable types grown on 1000 m² fields.

BENEFITS AND FEATURES

- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases,
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 1000 m² with 1.0 m dripperline spacing.
- Working pressure range: 0.1 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.1 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.



LOGISTIC DATA

- Catalog number: 42000-017000
- Box packaging size: 0.54 x 0.54 x 0.46 meter
- Average box weight: 16.0 Kg
- Pallet packaging size: 1.14 x 1.14 x 1.20 meter
- Average pallet weight: 269 Kg
- Number of irrigation kits per pallet: 16 kits

SYSTEM COMPONENTS

DRIPK 1000 • 42000-017000	
COMPONENTS	UNITS
TYP+ 12125 1.00 L/H 0.30 M 250 M	4
PE IRRIGATION PIPE 25/4 25 M FDS	1
TANK OUTLET 1" BUTZI PP	1
PLASTIC FEMALE COUPLER 1"	1
PLASTIC NIPPLE 1" * 1"	1
NMV PVC BALL VLV 1 UNION 1" FFT BSP	3
FILTER 1" BSP 120 MESH BRWN L	1
TEE SWIVEL FEMALE 1"M*1"F*1"M	1
NUT LOCK COUPLING 25*25	2
NUT LOCK FITT. ELBOW 25*1" MALE	2
NUT LOCK FITT. END LINE 25 MM	2
NARROW TEFLON	2
PE START CONN. 12 MM W/RING	20
RING END LINE 12 MM W/RING	20
RING COUPLING 12 MM W/RINGS	20
PUNCH 8 MM PLASTIC W/INSERTER	1

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.36	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.0 M	1.18	1.62	2.21	2.65	3.02	3.34	3.62	3.88	4.12	4.34	4.56

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 1000 M DRIPPERLINE WILL BE USED	1.18	1.62	2.21	2.65	3.02	3.34	3.62	3.88	4.12	4.34	4.56
FLOW RATE 1/2 AREA (M ³ /H) WHEN 500 M DRIPPERLINE WILL BE USED	0.59	0.81	1.10	1.33	1.51	1.67	1.81	1.94	2.06	2.17	2.28



DRIPK 1608

A COMPLETE DRIP IRRIGATION SYSTEM UP TO 1600 M²

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 1600 m² fields.

BENEFITS AND FEATURES

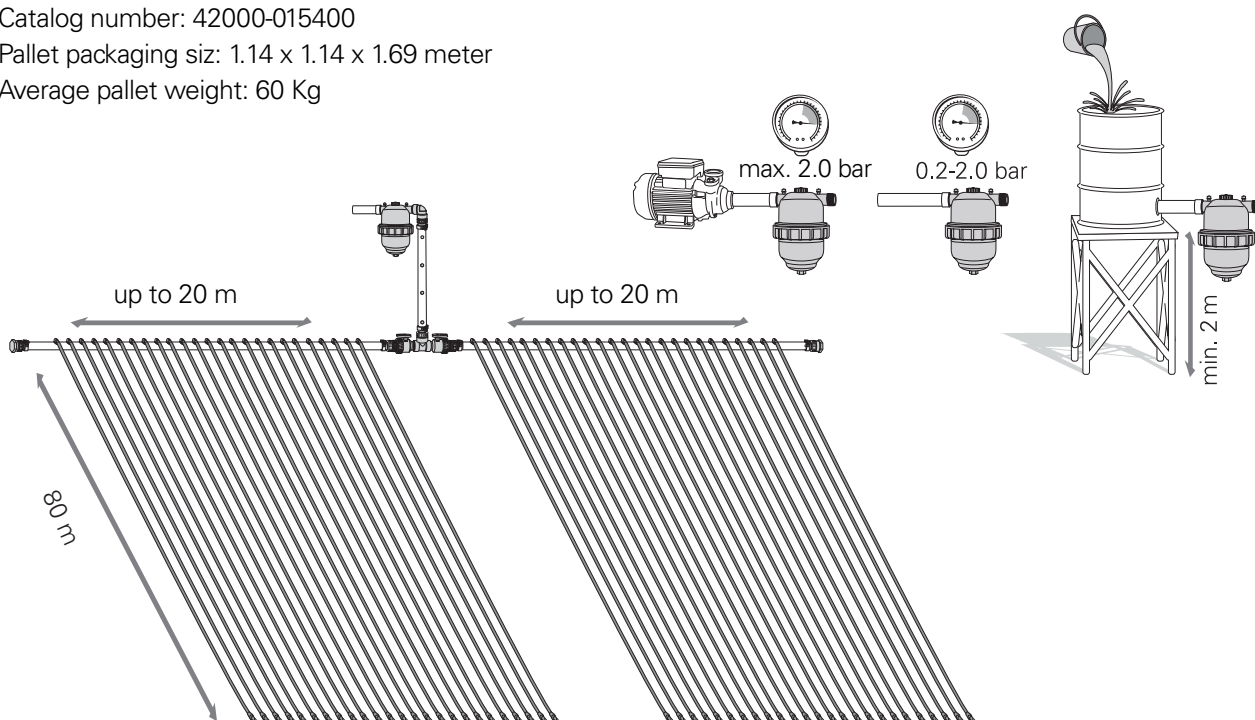
- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 1600 m² with 0.8 m dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015400
- Pallet packaging siz: 1.14 x 1.14 x 1.69 meter
- Average pallet weight: 60 Kg



SYSTEM COMPONENTS

DRIPK 1608 • 42000-015400			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 12125 1.00 L/H 0.30 M 1300 M	15686-000101	2	
FXN 2" 1/2" CONN 0.80 M 50 M	43002-000500	1	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	1	
TANK OUTLET 2"	75070-004700	1	
NMV PVC BALL VLV 1 UNION 2" FFT BSP	77450-000104	1	
2" T S. TAGLINE FIL. SS. SCREEN 120 MESH	74410-001710	1	
PLASTIC ELBOW 2" F	78220-002900	1	
FXN MTH 2" BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC THREADED BALL VALVE M-F 2" -1 NUT	77400-032450	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
NARROW TEFLON	45000-003400	4	
ELBOW RING 12-1/2 MTH-RING 12 W/RINGS	32500-003350	30	
RING END LINE 12 W/RING	32500-003560	30	
RING COUPLING 12 MM W RINGS	32500-002471	30	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 0.8 M	2.02	2.76	3.31	3.77	4.17	4.53	4.85	5.15	5.43	5.69

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 2000 M WILL BE USED TOGETHER	3.23	4.42	5.30	6.03	6.67	7.24	7.76	8.24	8.69	9.11
FLOW RATE 1/2 AREA (M ³ /H) WHEN 1000 M DRIPPERLINE WILL BE USED	1.62	2.21	2.65	3.02	3.34	3.62	3.88	4.12	4.34	4.56

DRIPK 3216

A COMPLETE DRIP IRRIGATION SYSTEM UP TO 3200 M²

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 3200 m² fields.

BENEFITS AND FEATURES

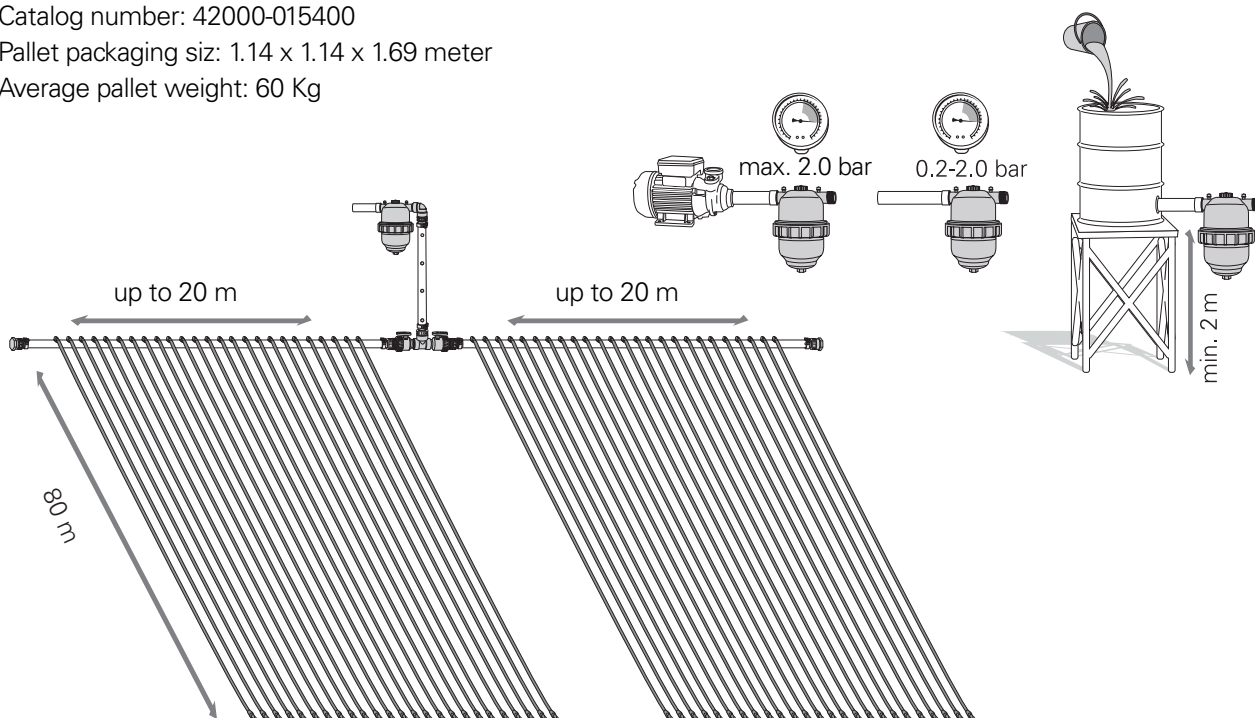
- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 3200 m² with 1.6 m dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015400
- Pallet packaging siz: 1.14 x 1.14 x 1.69 meter
- Average pallet weight: 60 Kg



SYSTEM COMPONENTS

DRIPK 3216 • 42000-015400			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 12125 1.00 L/H 0.30 M 1300 M	15686-000101	2	
FXN 2" 1/2" CONN 0.80 M 50 M	43002-000500	1	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	1	
TANK OUTLET 2"	75070-004700	1	
NMV PVC BALL VLV 1 UNION 2" FFT BSP	77450-000104	1	
2" T S. TAGLINE FIL.SS.SCREEN 120 MESH	74410-001710	1	
PLASTIC ELBOW 2" F	78220-002900	1	
FXN MTH 2"BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC THREADED BALL VALVE M-F 2" -1 NUT	77400-032450	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
NARROW TEFLON	45000-003400	4	
ELBOW RING 12-1/2 MTH-RING 12 W/RINGS	32500-003350	30	
RING END LINE 12 W/RING	32500-003560	30	
RING COUPLING 12 MM W RINGS	32500-002471	30	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.6 M	1.01	1.38	1.66	1.89	2.08	2.26	2.43	2.58	2.72	2.85

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 2000 M WILL BE USED TOGETHER	3.23	4.42	5.30	6.03	6.67	7.24	7.76	8.24	8.69	9.11
FLOW RATE 1/2 AREA (M ³ /H) WHEN 1000 M DRIPPERLINE WILL BE USED	1.62	2.21	2.65	3.02	3.34	3.62	3.88	4.12	4.34	4.56

DRIPK 4008

A COMPLETE DRIP IRRIGATION SYSTEM UP TO 4000 M²

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 4000 m² fields.

BENEFITS AND FEATURES

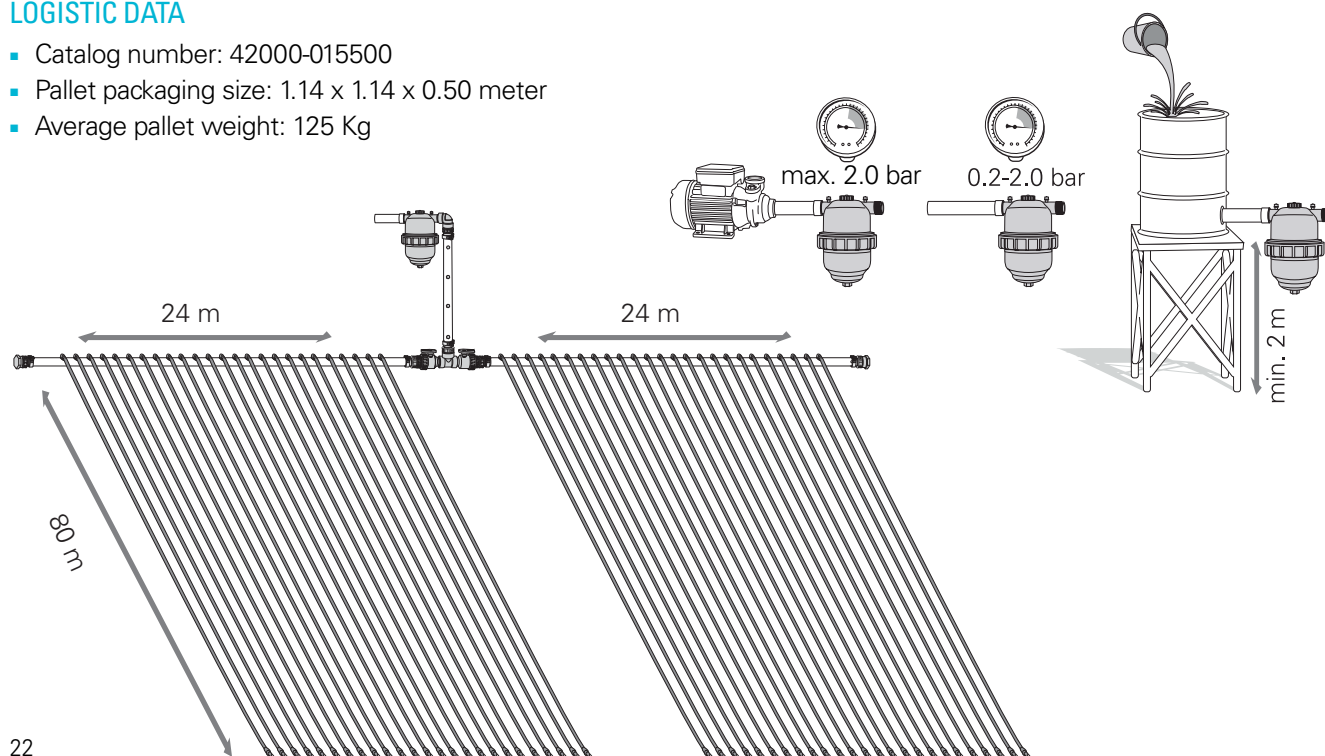
- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 4000 m² with 0.8 m dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015500
- Pallet packaging size: 1.14 x 1.14 x 0.50 meter
- Average pallet weight: 125 Kg



SYSTEM COMPONENTS

DRIPK 4008 • 42000-015500			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 12125 1.00 L/H 0.30 M 1300 M	15686-000101	4	
FXN 2" 1/2" CONN 0.80 M 50 M	43002-000500	1	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	1	
TANK OUTLET 2"	75070-004700	1	
NMV PVC BALL VLV 1 UNION 2" FFT BSP	77450-000104	1	
2" T.S. TAGLINE FIL.SS.SCREEN 120 MESH	74410-001710	1	
PLASTIC ELBOW 2" F	78220-002900	1	
FXN MTH 2"BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC THREADED BALL VALVE M-F 2" -1 NUT	77400-032450	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
NARROW TEFLON	45000-003400	4	
ELBOW RING 12-1/2 MTH-RING 12 W/RINGS	32500-003350	60	
RING END LINE 12 W/RING	32500-003560	60	
RING COUPLING 12 MM W RINGS	32500-002471	60	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 0.8 M	2.02	2.76	3.31	3.77	4.17	4.53	4.85	5.15	5.43	5.69

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 4800 M WILL BE USED TOGETHER	7.76	10.60	12.72	14.48	16.01	17.38	18.63	19.78	20.86	21.87
FLOW RATE 1/2 AREA (M ³ /H) WHEN 2400 M DRIPPERLINE WILL BE USED	3.88	5.30	6.36	7.24	8.00	8.69	9.31	9.89	10.43	10.93

DRIPK 4016

A COMPLETE DRIP IRRIGATION SYSTEM UP TO 4000 M²

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 4000 m² fields.

BENEFITS AND FEATURES

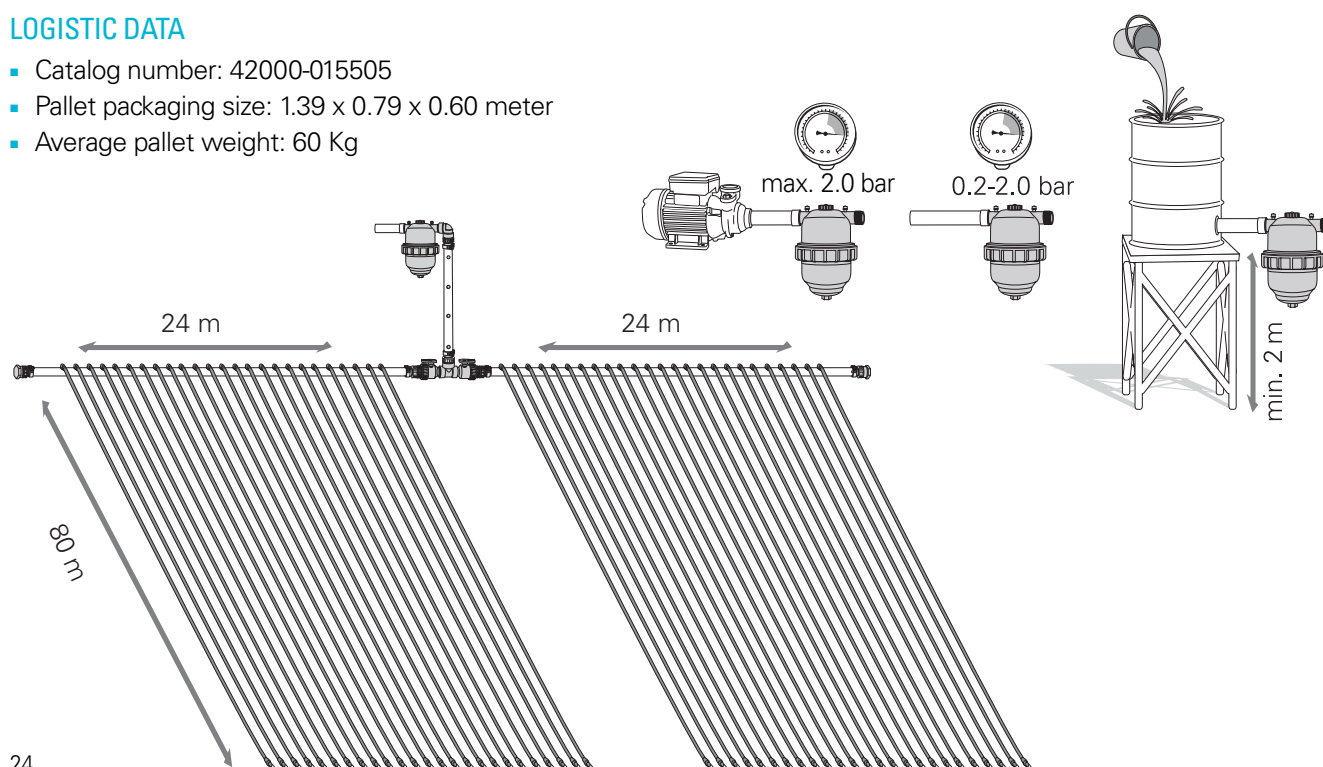
- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 4000 m² with 1.6 m dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015505
- Pallet packaging size: 1.39 x 0.79 x 0.60 meter
- Average pallet weight: 60 Kg



SYSTEM COMPONENTS

DRIPK 4016 • 42000-015505			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 12125 1.00 L/H 0.30 M 1300 M	15686-000101	2	
FXN 2" 1/2" CONN 0.80 M 50 M	43002-000500	1	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	1	
TANK OUTLET 2"	75070-004700	1	
NMV PVC BALL VLV 1 UNION 2" FFT BSP	77450-000104	1	
2" T.S. TAGLINE FIL.SS.SCREEN 120 MESH	74410-001710	1	
PLASTIC ELBOW 2" F	78220-002900	1	
FXN MTH 2"BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC THREADED BALL VALVE M-F 2" -1 NUT	77400-032450	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
NARROW TEFLON	45000-003400	4	
ELBOW RING 12-1/2 MTH-RING 12 W/RINGS	32500-003350	30	
RING END LINE 12 W/RING	32500-003560	30	
RING COUPLING 12 MM W RINGS	32500-002471	30	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.6 M	1.01	1.38	1.66	1.89	2.08	2.26	2.43	2.58	2.72	2.85

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 2400 M WILL BE USED TOGETHER	3.88	5.30	6.36	7.24	8.00	8.69	9.31	9.89	10.43	10.93
FLOW RATE 1/2 AREA (M ³ /H) WHEN 1200 M DRIPPERLINE WILL BE USED	1.94	2.65	3.18	3.62	4.00	4.34	4.66	4.94	5.21	5.47



DRIPK 5010

A COMPLETE DRIP IRRIGATION SYSTEM UP TO 5000 M²

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 5000 m² fields.

BENEFITS AND FEATURES

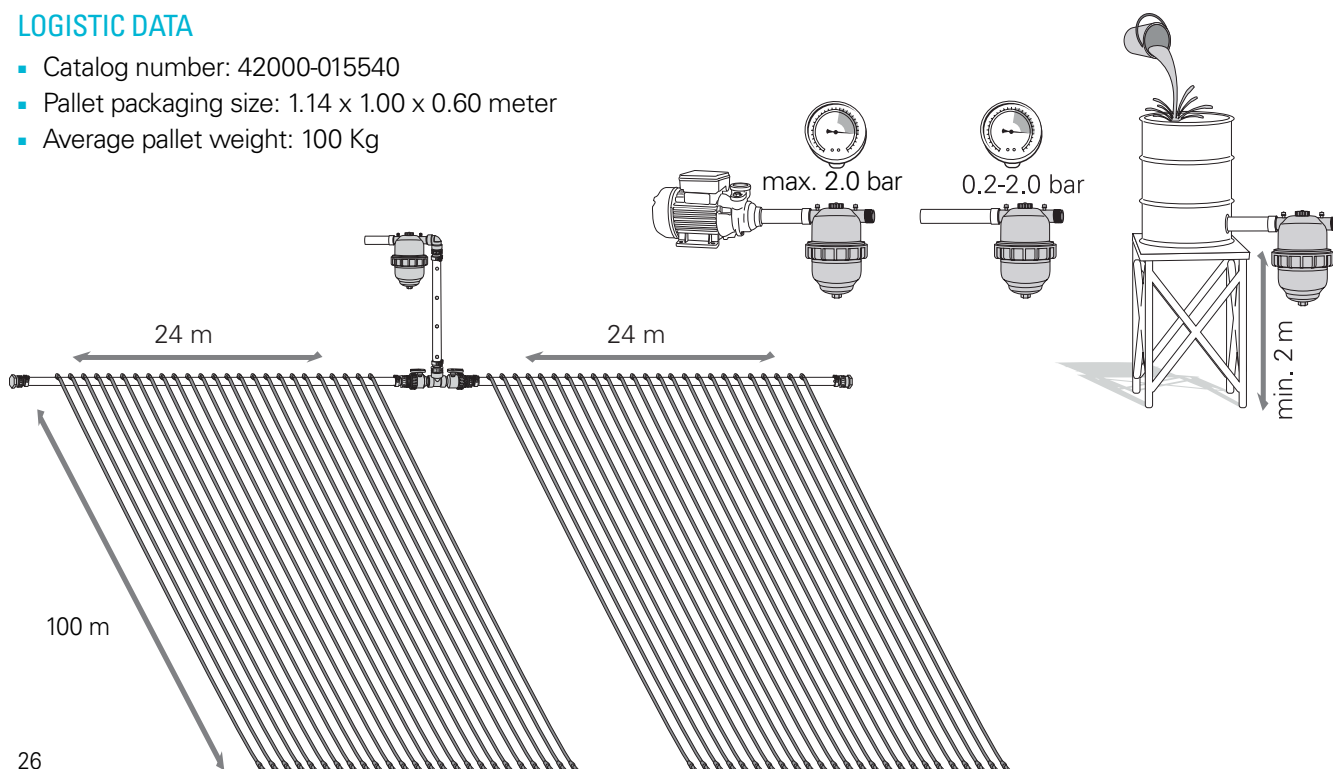
- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 5000 m² with 1.0 m dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015540
- Pallet packaging size: 1.14 x 1.00 x 0.60 meter
- Average pallet weight: 100 Kg



SYSTEM COMPONENTS

DRIPK 5010 • 42000-015540			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 16125 1.00 L/H 0.30 M 1600 M	15700-000260	3	
FXN 2" 1/2" CONN 0.50 M 50 M	43002-000410	1	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	1	
TANK OUTLET 2"	75070-004700	1	
NMV PVC BALL VLV 1 UNION 2" FFT BSP	77450-000104	1	
2" T.S. TAGLINE FIL.SS.SCREEN 120 MESH	74410-001710	1	
PLASTIC ELBOW 2" F	78220-002900	1	
FXN MTH 2"BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC THREADED BALL VALVE M-F 2" -1 NUT	77400-032450	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
NARROW TEFLON	45000-003400	4	
ELBOW RING 16-1/2 MTH-RING 16 W/RINGS	32500-015381	50	
RING END LINE 16 W/RING	32500-016460	50	
RING COUPLING 16 MM W RINGS	32500-016740	50	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.0 M	1.62	2.21	2.65	3.02	3.34	3.62	3.88	4.12	4.34	4.56

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 4800 M WILL BE USED TOGETHER	7.76	10.60	12.72	14.48	16.01	17.38	18.63	19.78	20.86	21.87
FLOW RATE 1/2 AREA (M ³ /H) WHEN 2400 M DRIPPERLINE WILL BE USED	3.88	5.30	6.36	7.24	8.00	8.69	9.31	9.89	10.43	10.93



DRIPK 9608

A COMPLETE DRIP IRRIGATION SYSTEM PER 1 HECTARE

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 10000 m² fields.

BENEFITS AND FEATURES

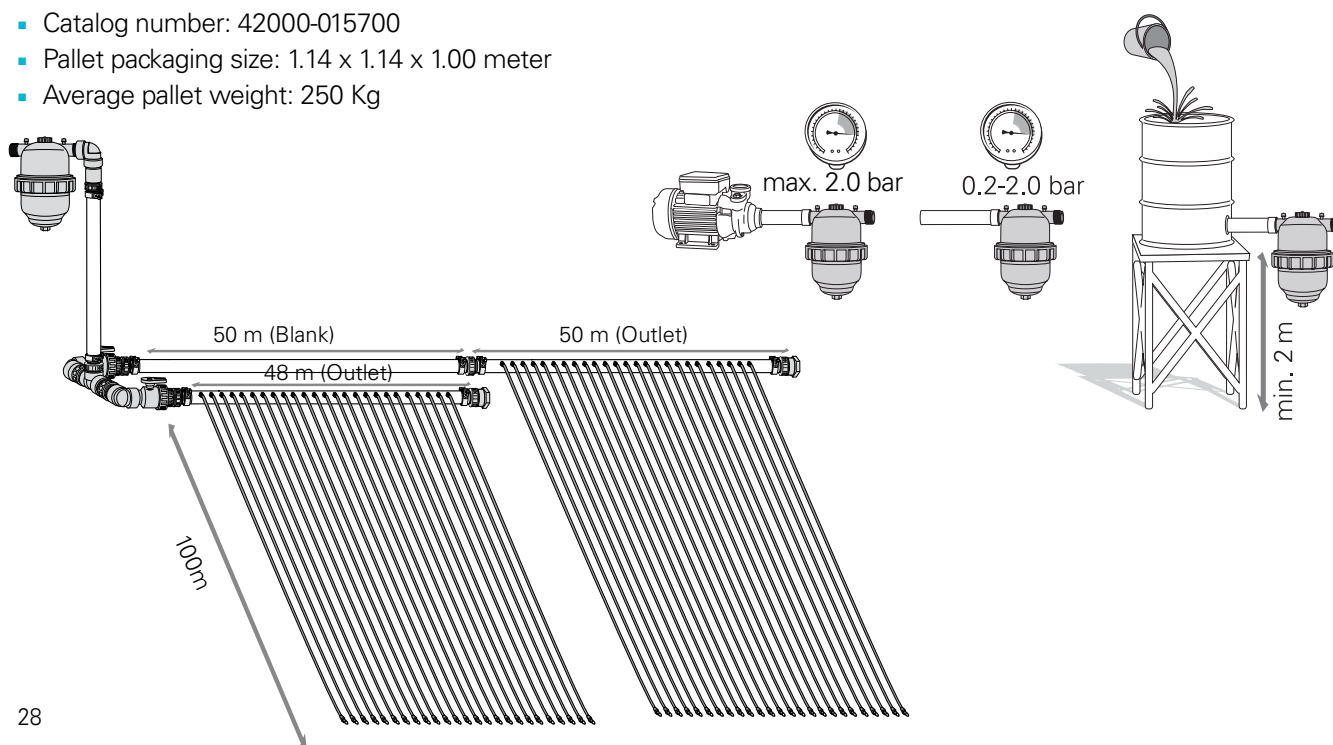
- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 10000 m² with 0.8 m dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015700
- Pallet packaging size: 1.14 x 1.14 x 1.00 meter
- Average pallet weight: 250 Kg



SYSTEM COMPONENTS

DRIPK 9608 • 42000-015700			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 16125 1.00L/H 0.30M 1600M	15700-000260	8	
FXN 2" BLANK 50M	43002-000177	1	
FXN 2" 1/2" CONN 0.80M 50M	43002-000500	2	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	1	
NMV PVC BALL VLV 1 UNION 3" FFT BSP	77450-000106	1	
3"TAGLINE FILTER S.SCREEN 120 MESH	74410-001990	1	
PVC 90 DEG THREADED ELBOW 3	77400-016600	1	
PVC THREADED REDUCER 3M*2F	77400-011100	1	
FXN MTH 2"BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC DOUBLE NIPPLE 2	77400-018000	2	
PVC 90 DEG THREADED ELBOW 2	77400-016400	2	
NMV PVC BALL VLV 1 UNION 2" FMT BSP	77450-000124	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
FXN COUPLING 2**2" KIT	43040-018000	1	
NARROW TEFLON	45000-003400	6	
ELBOW RING 16-1/2MTH-RING 16 + BLUE RING	32500-015381	130	
RING END LINE 16 W/RING	32500-016460	130	
RING COUPLING 16 MM W RINGS	32500-016740	100	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 0.8 M	2.02	2.76	3.31	3.77	4.17	4.53	4.85	5.15	5.43	5.69

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 12000 M WILL BE USED TOGETHER	19.40	26.50	31.80	36.20	40.02	43.44	46.56	49.45	52.14	54.67
FLOW RATE 1/2 AREA (M ³ /H) WHEN 6000 M DRIPPERLINE WILL BE USED	9.70	13.25	15.90	18.10	20.01	21.72	23.28	24.72	26.07	27.34

DRIPK 9610

A COMPLETE DRIP IRRIGATION SYSTEM PER 1 HECTARE

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 10000 m² fields.

BENEFITS AND FEATURES

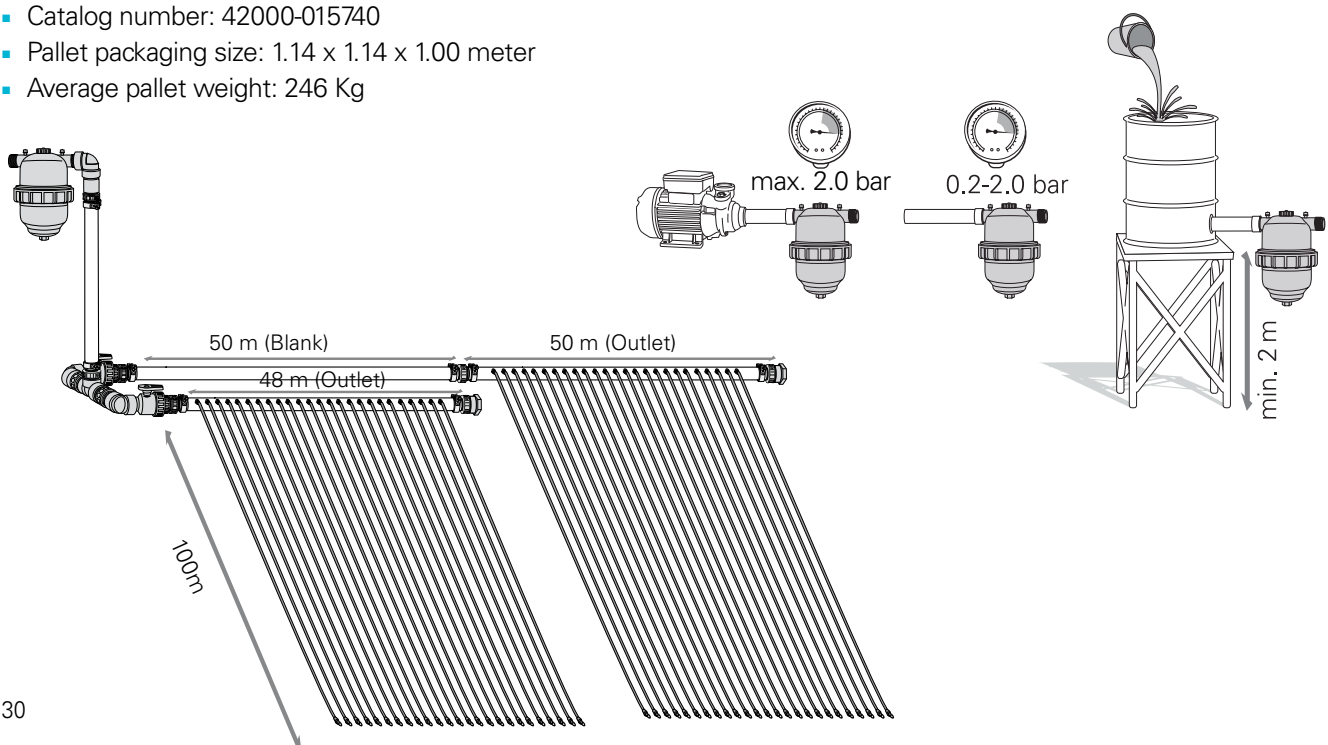
- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 10000 m² with 1.0 m dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015740
- Pallet packaging size: 1.14 x 1.14 x 1.00 meter
- Average pallet weight: 246 Kg



SYSTEM COMPONENTS

DRIPK 9610 • 42000-015740			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 16125 1.00L/H 0.30M 1600M	15700-000260	8	
FXN 2" BLANK 50M	43002-000177	1	
FXN 2" 1/2" CONN 0.80M 50M	43002-000500	2	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	1	
NMV PVC BALL VLV 1 UNION 3" FFT BSP	77450-000106	1	
3"TAGLINE FILTER S.SCREEN 120 MESH	74410-001990	1	
PVC 90 DEG THREADED ELBOW 3	77400-016600	1	
PVC THREADED REDUCER 3M*2F	77400-011100	1	
FXN MTH 2"BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC DOUBLE NIPPLE 2	77400-018000	2	
PVC 90 DEG THREADED ELBOW 2	77400-016400	2	
NMV PVC BALL VLV 1 UNION 2" FMT BSP	77450-000124	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
FXN COUPLING 2**2" KIT	43040-018000	1	
NARROW TEFLON	45000-003400	6	
ELBOW RING 16-1/2MTH-RING 16 + BLUE RING	32500-015381	100	
RING END LINE 16 W/RING	32500-016460	100	
RING COUPLING 16 MM W RINGS	32500-016740	80	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.0 M	1.62	2.21	2.65	3.02	3.34	3.62	3.88	4.12	4.34	4.56

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 10000 M WILL BE USED TOGETHER	16.16	22.08	26.50	30.16	33.35	36.20	38.80	41.21	43.45	45.56
FLOW RATE 1/2 AREA (M ³ /H) WHEN 5000 M DRIPPERLINE WILL BE USED	8.08	11.04	13.25	15.08	16.68	18.10	19.40	20.60	21.72	22.78



DRIPK 9616

A COMPLETE DRIP IRRIGATION SYSTEM PER 1 HECTARE

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 10000 m² fields.

BENEFITS AND FEATURES

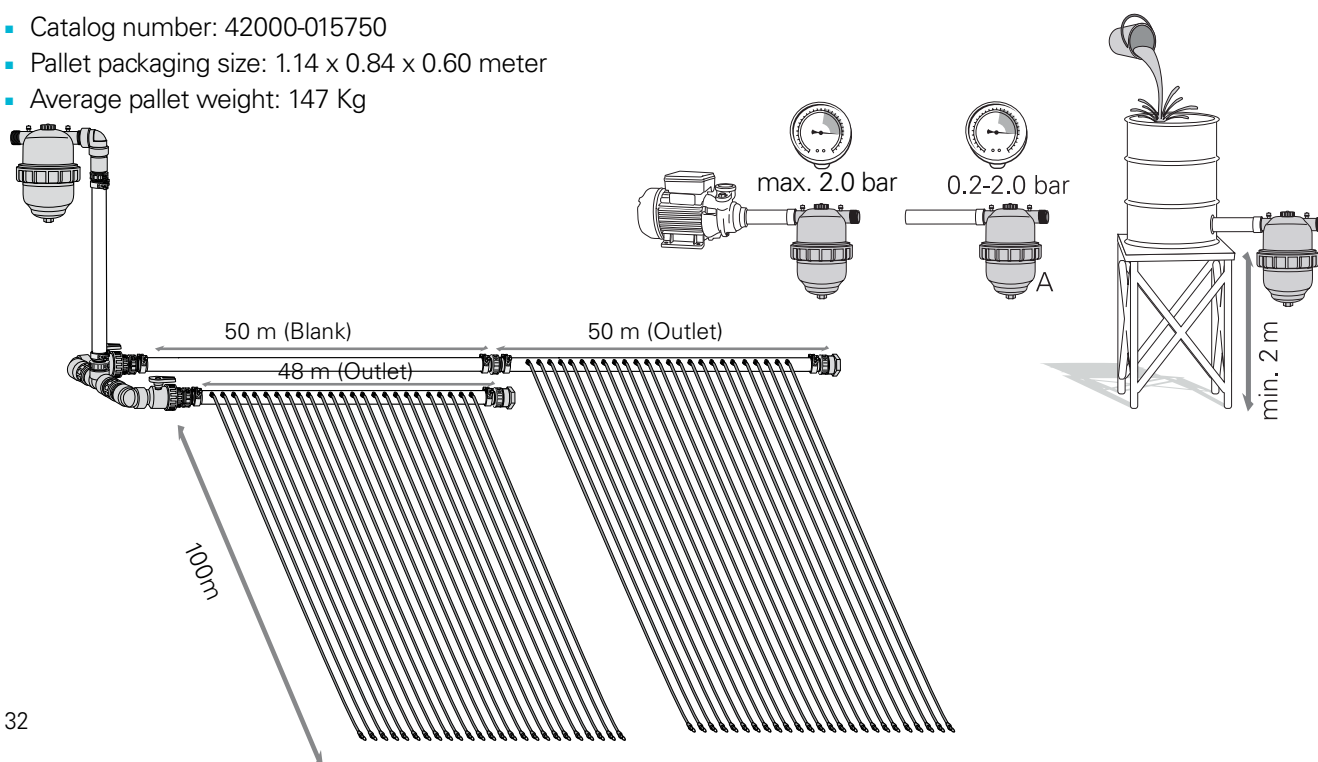
- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

SPECIFICATIONS

- Designed for irrigation of 10000 m² with 1.6 m dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015750
- Pallet packaging size: 1.14 x 0.84 x 0.60 meter
- Average pallet weight: 147 Kg



SYSTEM COMPONENTS

DRIPK 9616 • 42000-015750			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 16125 1.00L/H 0.30M 1600M	15700-000260	4	
FXN 2" BLANK 50M	43002-000177	1	
FXN 2" 1/2" CONN 0.80M 50M	43002-000500	2	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	1	
NMV PVC BALL VLV 1 UNION 3" FFT BSP	77450-000106	1	
3"TAGLINE FILTER S.SCREEN 120 MESH	74410-001990	1	
PVC 90 DEG THREADED ELBOW 3	77400-016600	1	
PVC THREADED REDUCER 3M*2F	77400-011100	1	
FXN MTH 2"BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC DOUBLE NIPPLE 2	77400-018000	2	
PVC 90 DEG THREADED ELBOW 2	77400-016400	2	
NMV PVC BALL VLV 1 UNION 2" FMT BSP	77450-000124	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
FXN COUPLING 2**2" KIT	43040-018000	1	
NARROW TEFLON	45000-003400	6	
ELBOW RING 16-1/2MTH-RING 16 + BLUE RING	32500-015381	70	
RING END LINE 16 W/RING	32500-016460	70	
RING COUPLING 16 MM W RINGS	32500-016740	50	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) WITH DRIPPERLINES EACH 1.6 M	1.01	1.38	1.66	1.89	2.08	2.26	2.43	2.58	2.72	2.85

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 6000 M WILL BE USED TOGETHER	9.70	13.25	15.90	18.10	20.01	21.72	23.28	24.72	26.07	27.34
FLOW RATE 1/2 AREA (M ³ /H) WHEN 3000 M DRIPPERLINE WILL BE USED	4.85	6.62	7.95	9.05	10.01	10.86	11.64	12.36	13.03	13.67



DRIPK 10 FT

A COMPLETE DRIP IRRIGATION SYSTEM UP TO 1 HECTARE

APPLICATIONS

Irrigation of all row crop and vegetable types grown up to 10000 m² fields.

BENEFITS AND FEATURES

- **Higher and better yield:** Precise and water efficient application directly to the root zone, improves water and fertilizer distribution.
- **Healthy and sustainable crops:** Reduces weed growth, evaporation and run-off, eliminates wetting of the foliage thereby reducing fungal diseases.
- **Labor and time saving:** All products/ parts needed for installation and operation are included, easy to use, assemble and operate, can be easily disassembled and stored.
- **Reliable performance:** Integrating durable drippers for several seasons' performance, dripperlines wall thickness allows for multi-seasonal use (layout and retrieval). Netafim™ drippers are manufactured, at the highest levels of quality in compliance with ISO 9261 International Standard.

Designed for irrigation of maximum 1.0 hectare (10000 m²) with 0.5 m multiplications - dripperline spacing.

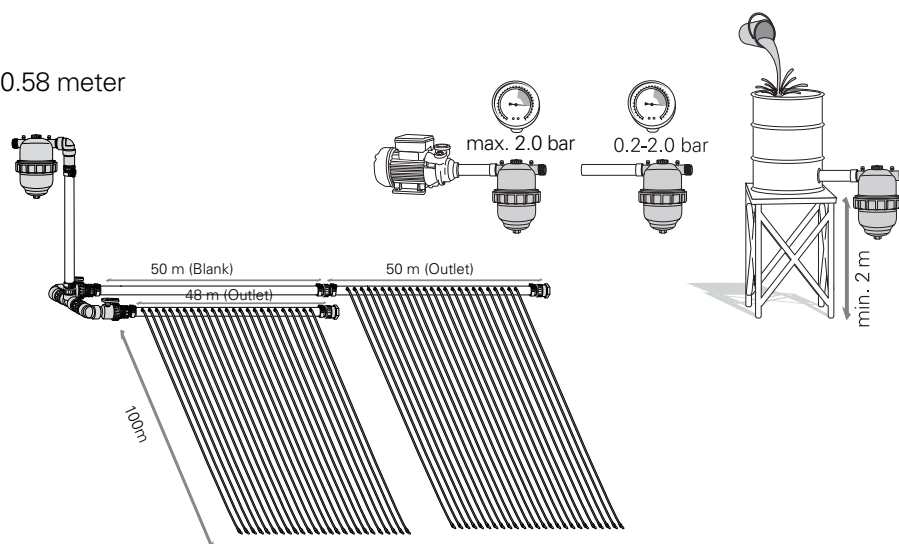
To allow maximum system flexibility with most crop types (mainly fruit trees/shrubs), the sub-main line should include welded outlets every 0.5 m, there are suitable plugs that come with the system. The grower should determine the desired spacing between the dripperlines to be installed (in 0.5 m multiplications) with the unused outlets sealed off. It is possible to use 2 dripperlines per 1 tree row by using 2 close outlets, while sealing the unused outlets according to the distance between the rows.

SPECIFICATIONS

- Designed for irrigation of 10000 m² with 0.5 m multiplications dripperline spacing.
- Working pressure range: 0.2 to 2.0 bar.
- The system can be operated by water pressure using a pump or atmospheric pressure (over 0.2 bar).
- The system includes all needed components for field installation and operation.
- 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.
- Dripper flows, irrigation rates and scheduling at different working pressures will follow in the table below.
- It can be fully or two shift-operated, depending on the water amounts per hour available to the user.

LOGISTIC DATA

- Catalog number: 42000-015900
- Pallet packaging size: 1.10 x 0.95 x 0.58 meter
- Average pallet weight: 147 Kg



SYSTEM COMPONENTS

DRIPK 10 FT • 42000-015900			
COMPONENTS	CATALOG NUMBER AS A SPARE PART	UNITS	ILLUSTRATION
TYP+ 16125 1.00L/H 0.30M 1600M	15700-000260	4	
FXN 2" BLANK 50M	43002-000177	1	
FXN 2" 1/2" CONN 0.80M 50M	43002-000500	2	
FXN PLUG 0.5" MTH+O RING/50 BAG	42000-027105	3	
NMV PVC BALL VLV 1 UNION 3" FFT BSP	77450-000106	1	
3"TAGLINE FILTER S.SCREEN 120 MESH	74410-001990	1	
PVC 90 DEG THREADED ELBOW 3	77400-016600	1	
PVC THREADED REDUCER 3M*2F	77400-011100	1	
FXN MTH 2"BSP*2" KIT	43040-018050	4	
PLASTIC TEE 2	78220-003800	1	
PVC DOUBLE NIPPLE 2	77400-018000	2	
PVC 90 DEG THREADED ELBOW 2	77400-016400	2	
NMV PVC BALL VLV 1 UNION 2" FMT BSP	77450-000124	2	
FXN LINE END CAP 2" KIT	43040-020710	2	
FXN COUPLING 2**2" KIT	43040-018000	1	
NARROW TEFLON	45000-003400	6	
ELBOW RING 16-1/2MTH-RING 16 + BLUE RING	32500-015381	60	
RING END LINE 16 W/RING	32500-016460	60	
RING COUPLING 16 MM W RINGS	32500-016740	40	

The draws are non-uniformly scaled. They are for illustration purposes only.

TECHNICAL DATA

Dripper hourly flow rate respective to working pressures and precipitation rates according to dripper and dripperline spacing:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
FLOW RATE (L/H)	0.48	0.66	0.80	0.90	1.00	1.09	1.16	1.24	1.30	1.37
PRECIPITATION RATE (MM/H) - 2 DRIPPERLINES EACH 4 METER SPACING	0.81	1.10	1.33	1.51	1.67	1.81	1.94	2.06	2.17	2.28

To calculate irrigation time per day divide to total water amount required by the system's precipitation rate, for example: crop requirement of 5 mm per day will be divided by precipitation rate (based on the working pressure) to obtain the total number of hours required for irrigation.

Hourly water amount respective to working pressures when the whole system is operated simultaneously or when the system is operated in two halves:

PRESSURE (BAR)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
TOTAL FLOW RATE (M ³ /H) WHEN ALL 6400 M WILL BE USED TOGETHER	10.35	14.13	16.96	19.31	21.34	23.17	24.83	26.37	27.81	29.16
FLOW RATE 1/2 AREA (M ³ /H) WHEN 3200 M DRIPPERLINE WILL BE USED	5.17	7.07	8.48	9.65	10.67	11.58	12.42	13.19	13.90	14.58



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.

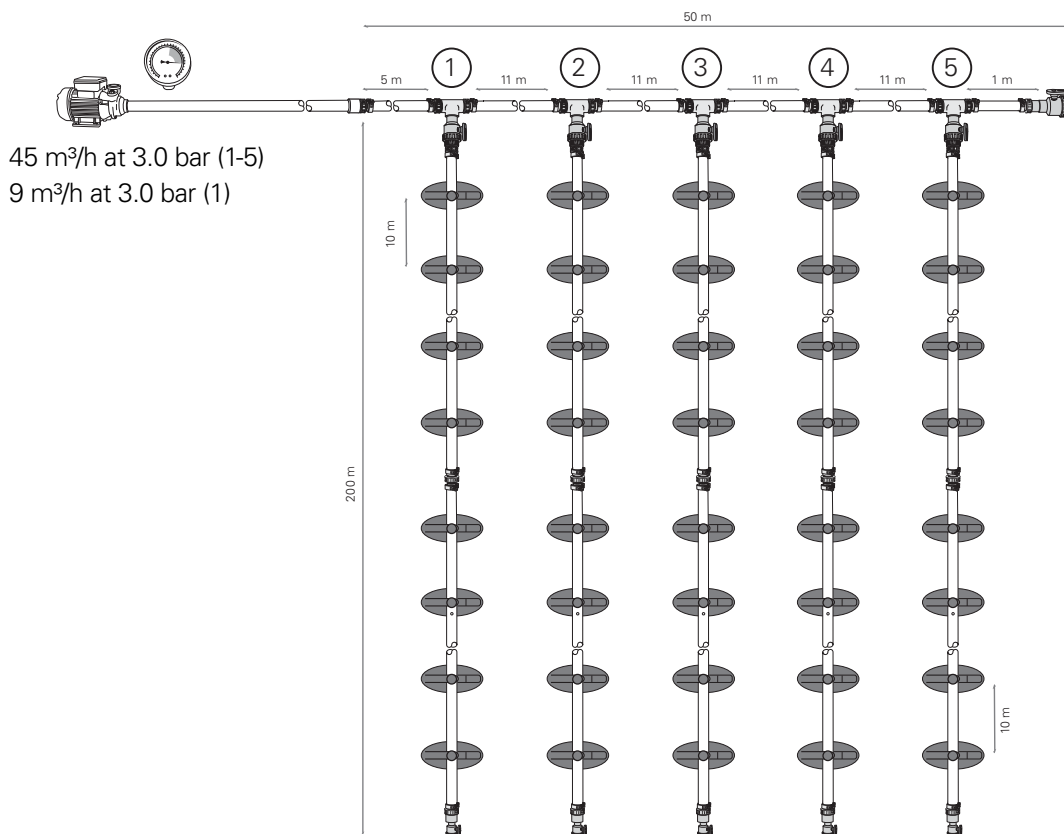
SPECIFICATIONS

- 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 m³/h
Total area flow rate , 5 laterals	46.10 m³/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)





HEADK 2" DWS5

HEAD CONTROL KIT

APPLICATIONS

Drip, Micro-sprinklers, Sprinklers and other irrigation system head.

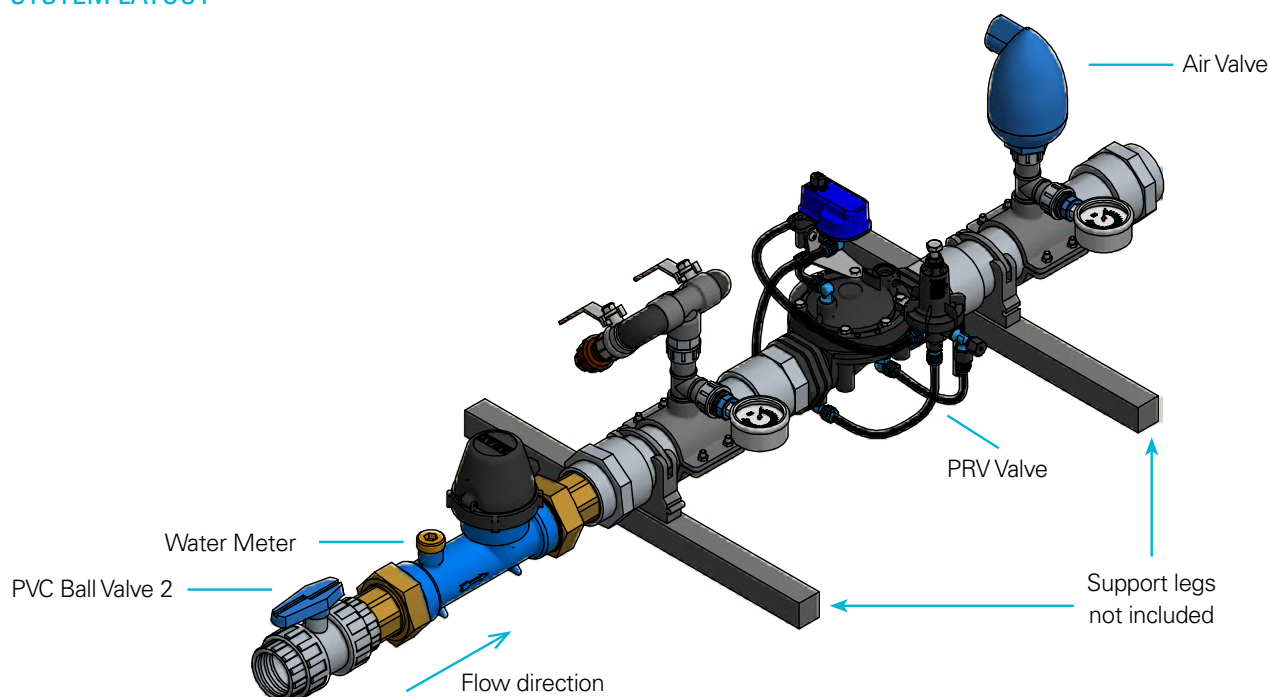
BENEFITS

- All products/parts needed for installation and operation included, without without filtration components.
- Easy to use, assemble and operate.
- Suitable for working with any irrigation system conduction and distribution pipes: PE, PVC or metal pipes.

SPECIFICATION

- Designed to supply up to 20 m³/h
- This head control is suitable for upstream pressures up to 8.0 bar and regulated downstream pressures, according the needs, between 0.5 to 5.0 bar.
- Filtration system is not part of the system head control. Filtration method and micron/mesh size are selected according to the water quality and emitters installed in the field.
- The kit includes a ball valve to separate between the filtration system installed at head control inlet, and the other components of the head control.
- Netafim™ product offering includes Nutrigation™ Kit and a dilution tank Kit, both suitable for working with this head control.

SYSTEM LAYOUT



LOGISTIC DATA

- Catalog number: 37090-002510
- Packaging size: 0.70 x 0.35 x 0.52 meter
- Box weight: 15 Kg

SYSTEM COMPONENTS

DESCRIPTION	UNITS	PICTURE
PVC Ball Valve 2" Catalog number as a spare part: 77400-031100	1	
2" Woltman water meter (10 liter pulse) Catalog number as a spare part: 70240-002500	1	
5D pipe with assembled saddle connector with a 1" threaded outlet Catalog number as a spare part: 37090-005100	2	
Components to assemble 2 service valves on the 5D pipe Catalog number as a spare part: 37090-007300	1	
Netafim™ pressure reduce valve 2" BSP AC Catalog number as a spare part: 71640-001581	1	
Aquative plus DC for replacement Catalog number as a spare part: 35500-001900 (not included)	1	
NAVC 10 1" PN10 BSP Catalog number as a spare part: 32600-002000	1	
Clip for tube 63 Catalog number as a spare part: 77300-024400	3	
Upstream kit Catalog number as a spare part: 37090-007490	2	

The kit include also 2 Narrow Teflon coils (45000-003400) and 20 meters 1/2" garden flex pipe (72400-003050)
The draws are non-uniformly scaled. They are for illustration purposes only.

HEADK DIMENSIONS

WIDTH (MM)	LENGTH (MM)	HEIGHT (MM)
300	1300	Minimum support height 50 mm

* Dimensions don't include the support leg



HEADK 3" DWS5

HEAD CONTROL KIT

APPLICATIONS

Drip, Micro-sprinklers, Sprinklers and other irrigation system head.

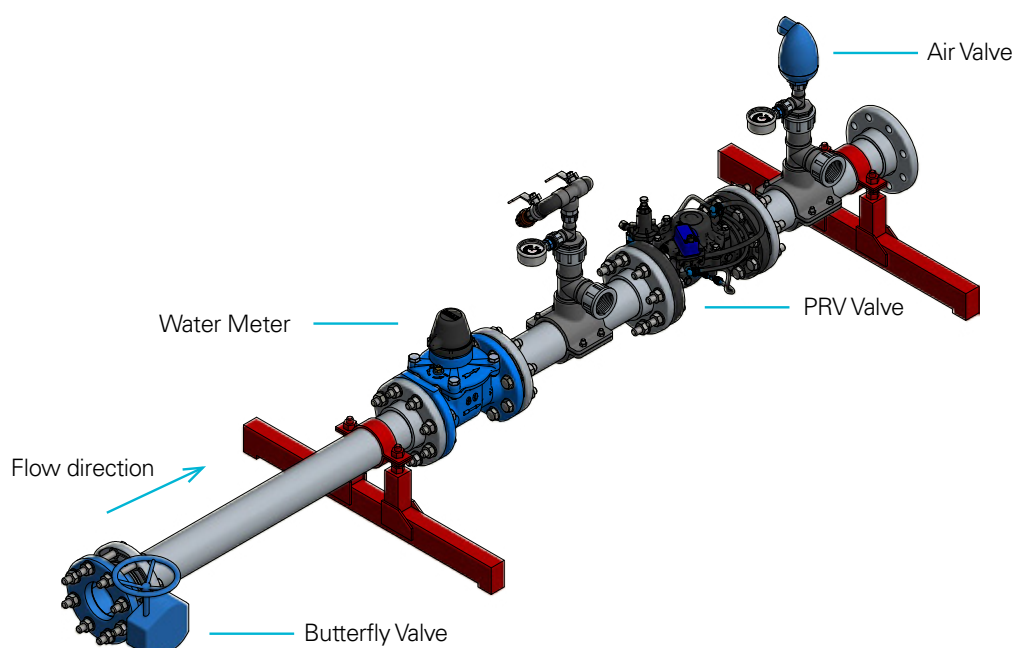
BENEFITS

- All products/parts needed for installation and operation included, without without filtration components.
- Easy to use, assemble and operate.
- Suitable for working with any irrigation system conduction and distribution pipes: PE, PVC or metal pipes.

SPECIFICATION

- Designed to supply up to 60 m³/h
- This head control is suitable for upstream pressures up to 8.0 bar and regulated downstream pressures, according the needs, between 0.5 to 5.0 bar.
- Filtration system is not part of the system head control. Filtration method and micron/mesh size are selected according to the water quality and emitters installed in the field.
- The flanges in this kit meet most of the international standards.
- The kit includes a butterfly valve to separate between the filtration system installed at head control inlet, and the other components of the head control.
- Netafim™ product offering includes Nutrigation™ Kit and a dilution tank Kit, both suitable for working with this head control
















SYSTEM LAYOUT



LOGISTIC DATA

- Catalog number: 37090-002610
- Packaging size: 1.25 x 0.65 x 0.65 meter
- Box weight: 90 Kg

SYSTEM COMPONENTS

DESCRIPTION	UNITS	PICTURE
3" welding flange Catalog number as a spare part: 76500-001550	1	
3" Butterfly valve Catalog number as a spare part: 72200-001700	1	
10D pipe with assembled loose flanges Catalog number as a spare part: 37090-005250	1	
3" IRT water meter (100 liter pulse) Catalog number as a spare part: 70240-007510	1	
Components to assemble 2 service valves on the 5D pipe Catalog number as a spare part: 37090-007300	1	
Netafim™ pressure reduce valve 3" AC Catalog number as a spare part: 71640-002166	1	
Aquative plus DC for replacement Catalog number as a spare part: 35500-001900 (not included)	1	
5D pipe with assembled loose flanges and a saddle connector with a 1" threaded outlet Catalog number as a spare part: 37090-005110	2	
NAVC 10 1" PN10 BSP Catalog number as a spare part: 32600-002000	1	
Upstream kit Catalog number as a spare part: 37090-007490	2	
T 2" catalog number as a spare part: 76200-006760	2	
Seal for Flange 3" Catalog number as a spare part: 76520-001100	5	
Bolt 5/8" x 140 mm Bolt 5/8" x 90 mm Bolt 5/8" x 80 mm Nuts 5/8" Thick washer 5/8"	4 28 4 37 76	
Manifold support Catalog number as a spare part: 70040-084890	2	
DBL clamp support 3"-S Catalog number as a spare part: 70040-085000	2	

The kit include also 2 Narrow Teflon coils (45000-003400) and 20 meters 1/2" garden flex pipe (72400-003050)

The draws are non-uniformly scaled. They are for illustration purposes only.

HEADK DIMENSIONS

WIDTH (MM)	LENGTH (MM)	HEIGHT (MM)
750	~2400	180 - 330



HEADK 4" DWS5

HEAD CONTROL KIT

APPLICATIONS

Drip, Micro-sprinklers, Sprinklers and other irrigation system head.

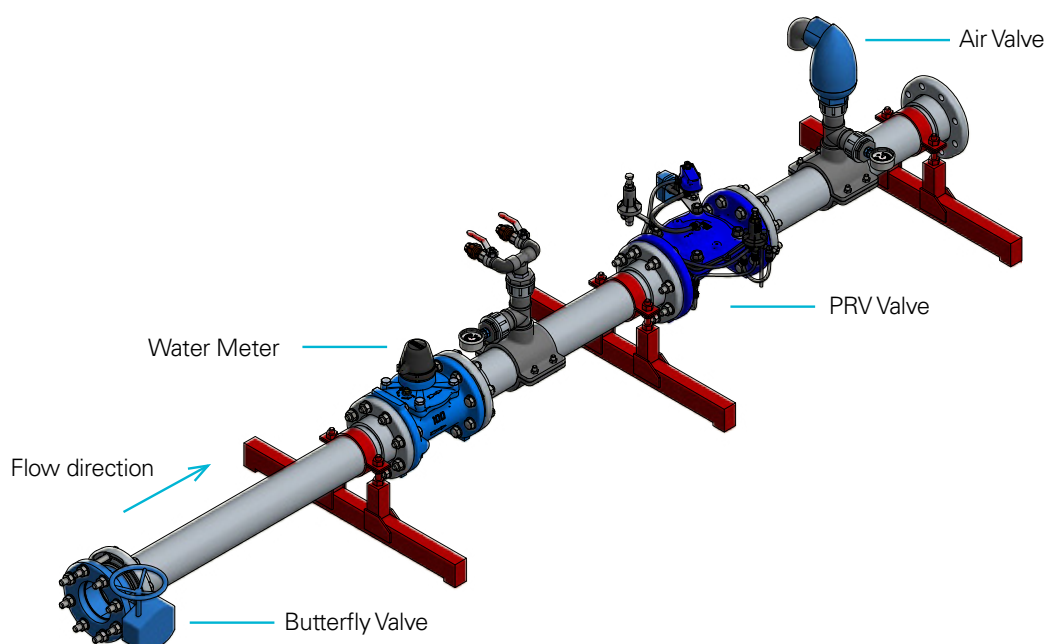
BENEFITS

- All products/parts needed for installation and operation included, without filtration components.
- Easy to use, assemble and operate.
- Suitable for working with any irrigation system conduction and distribution pipes: PE, PVC or metal pipes.

SPECIFICATION

- Designed to supply up to 100 m³/h
- This head control is suitable for upstream pressures up to 8.0 bar and regulated downstream pressures, according the needs, between 0.5 to 5.0 bar.
- Filtration system is not part of the system head control. Filtration method and micron/mesh size are selected according to the water quality and emitters installed in the field.
- The flanges in this kit meet most of the international standards.
- The kit includes a butterfly valve to separate between the filtration system installed at head control inlet, and the other components of the head control.
- Netafim™ product offering includes Nutrigation™ Kit and a dilution tank Kit, both suitable for working with this head control.






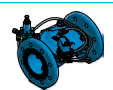








SYSTEM LAYOUT



LOGISTIC DATA

- Catalog number: 37090-002710
- Packaging size: 1.40 x 0.65 x 0.80 meter
- Box weight: 120 Kg

SYSTEM COMPONENTS

DESCRIPTION	UNITS	PICTURE
4" welding flange Catalog number as a spare part: 76500-001910	1	
4" Butterfly valve Catalog number as a spare part: 72200-001900	1	
10D pipe with assembled loose flanges Catalog number as a spare part: 37090-005260	1	
4" IRT Water meter (100 liter pulse) Catalog number as a spare part: 70240-006090	1	
Components to assemble 2 service valves on the 5D pipe Catalog number as a spare part: 37090-007310	1	
4" PRV valve with quick pilot AC Catalog number as a spare part: 71640-005455	1	
Aquative plus DC for replacement Catalog number as a spare part: 35500-001900 (not included)	1	
5D pipe with assembled loose flanges and a saddle connector with a 2" threaded outlet Catalog number as a spare part: 37090-005120	2	
NAVC 10 2" PN10 BSP Catalog number as a spare part: 32600-004000	1	
Upstream kit Catalog number as a spare part: 37090-007500	2	
Seal for flange Catalog number as a spare part: 76520-001200	5	
Bolt 5/8" x 140 mm Bolt 5/8" x 90 mm Nuts 5/8" Thick washer 5/8"	4 40 45 90	
Manifold support Catalog number as a spare part: 70040-084890	3	
DBL clamp support 4"-SS Catalog number as a spare part: 70040-085050	3	

The kit include also 2 Narrow Teflon coils (45000-003400) and 20 meters 1/2" garden flex pipe (72400-003050)
The draws are non-uniformly scaled. They are for illustration purposes only.

HEADK DIMENSIONS

WIDTH (MM)	LENGTH (MM)	HEIGHT (MM)
750	~3000	180 - 330



HEADK 6" DWS5

HEAD CONTROL KIT

APPLICATIONS

Drip, Micro-sprinklers, Sprinklers and other irrigation system head.

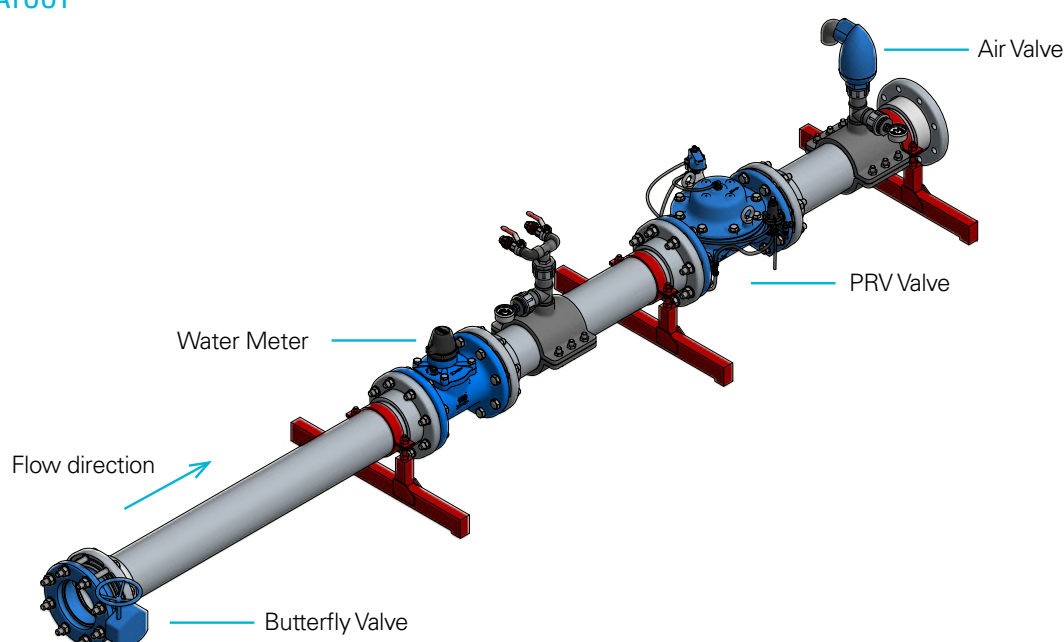
BENEFITS

- All products/parts needed for installation and operation included, without filtration components.
- Easy to use, assemble and operate.
- Suitable for working with any irrigation system conduction and distribution pipes: PE, PVC or metal pipes.

SPECIFICATION

- Designed to supply up to 180 m³/h
- This head control is suitable for upstream pressures up to 8.0 bar and regulated downstream pressures, according the needs, between 0.5 to 5.0 bar.
- Filtration system is not part of the system head control. Filtration method and micron/mesh size are selected according to the water quality and emitters installed in the field.
- The flanges in this kit meet most of the international standards.
- The kit includes a butterfly valve to separate between the filtration system installed at head control inlet, and the other components of the head control.
- Netafim™ product offering includes Nutrigation™ Kit and a dilution tank Kit, both suitable for working with this head control.















SYSTEM LAYOUT



LOGISTIC DATA

- Catalog number: 37090-002810
- Packaging size: 1.90 x 0.70 x 0.85 meter
- Box weight: 210 Kg

SYSTEM COMPONENTS

DESCRIPTION	UNITS	PICTURE
6" welding flange Catalog number as a spare part: 76500-002320	1	
6" Butterfly valve Catalog number as a spare part: 72200-002100	1	
10D pipe with assembled loose flanges Catalog number as a spare part: 37090-005270	1	
6" IRT Water meter (100 liter pulse) Catalog number as a spare part: 70240-006159	1	
5D pipe with assembled loose flanges and a saddle connector with a 2" threaded outlet Catalog number as a spare part: 37090-005130	2	
Components to assemble 2 service valves on the 5D pipe Catalog number as a spare part: 37090-007310	1	
6" PRV valve with quick pilot AC Catalog number as a spare part: 71640-016660	1	
Aquative plus DC for replacement Catalog number as a spare part: 35500-001900 (not included)	1	
NAVC 10 2" PN10 BSP Catalog number as a spare part: 32600-004000	1	
Upstream kit Catalog number as a spare part: 37090-007500	2	
Seal for flange Catalog number as a spare part: 76520-001300	5	
Bolt 5/8" x 150 mm Bolt 5/8" x 90 mm Nuts 5/8" Thick washer 5/8"	8 40 50 100	
Manifold support Catalog number as a spare part: 70040-084890	3	
DBL clamp support 6"-S Catalog number as a spare part: 70040-085100	3	

The kit include also 2 Narrow Teflon coils (45000-003400) and 20 meters 1/2" garden flex pipe (72400-003050)
The draws are non-uniformly scaled. They are for illustration purposes only.

HEADK DIMENSIONS

WIDTH (MM)	LENGTH (MM)	HEIGHT (MM)
750	~3750	180 - 330



NUTRIK 10

COMPLETE NUTRIGATION™ KIT

APPLICATIONS

To be used with FDS.

BENEFITS

All products/parts needed for installation and operation included.

Easy to use, assemble and operate.

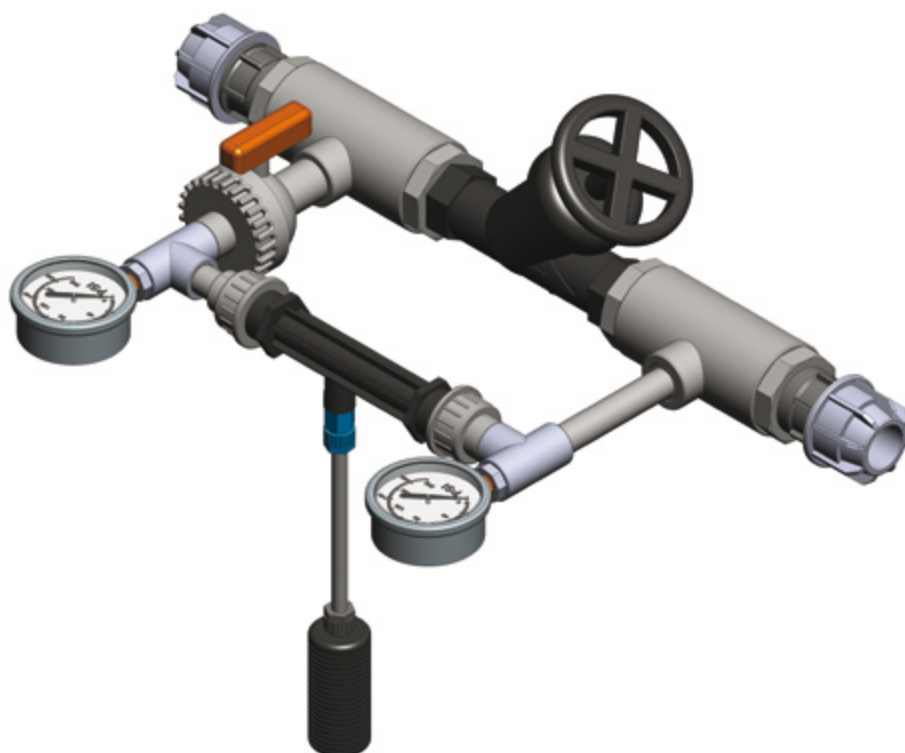
SPECIFICATION

The kit is designed for assembly on FDS Kits.

PE pipe will be cut close to the water source and then connected to the kit on both its ends.

Flow direction should be noted!

BASIC SYSTEM DESIGN













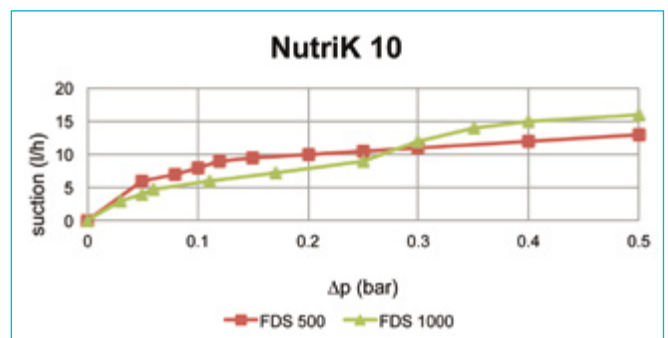
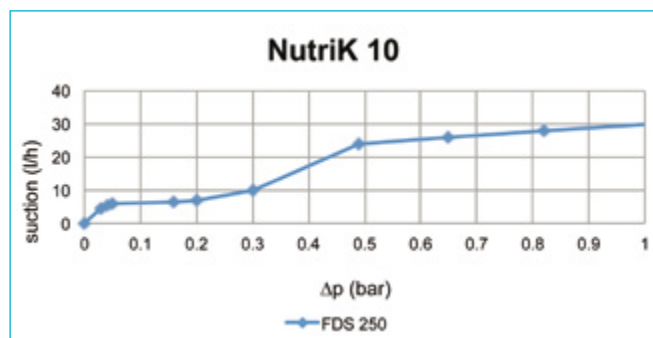
LOGISTIC DATA

- Catalog number: 37090-001050
- Packaging size: 0.28 x 0.28 x 0.57 meter
- Box weight: 2.5 Kg

SYSTEM COMPONENTS

DESCRIPTION	UNITS	PICTURE
VENTURI 484-A 3/4" PVDF/KYNAR Catalog number as a spare part: 77800-003450	1	
ANGLE SEAT VALVE 1" MTH * 1" MTH Catalog number as a spare part: 75070-001400	1	
FDS IN Catalog number as a spare part: 37090-006000	1	
FDS OUT Catalog number as a spare part: 37090-006500	1	
PRESSURE GAUGE 250 4 BAR 1/4" BSP Catalog number as a spare part: 77540-000940	2	
FEMALE CONNECTOR 8 MM * 1/4" Catalog number as a spare part: 76400-002400	1	
FILTER WEIGHT Catalog number as a spare part: 33020-000960	1	
SILVER MALE ADAPTOR 25 MM * 1" Catalog number as a spare part: 75020-004500	2	
TUBE PE 8 MM		

The draws are non-uniformly scaled. They are for illustration purposes only.





NUTRIK 20

COMPLETE NUTRIGATION™ KIT

APPLICATIONS

To be used with DripK.

BENEFITS

All products/parts needed for installation and operation included.

Easy to use, assemble and operate.

SPECIFICATION

The kit is designed for assembly on DripK Kits.

PolyNet™ (flexible) pipe will be cut close to the water source and connected to the kit supplied on both its ends.

Flow direction should be noted!

BASIC SYSTEM DESIGN














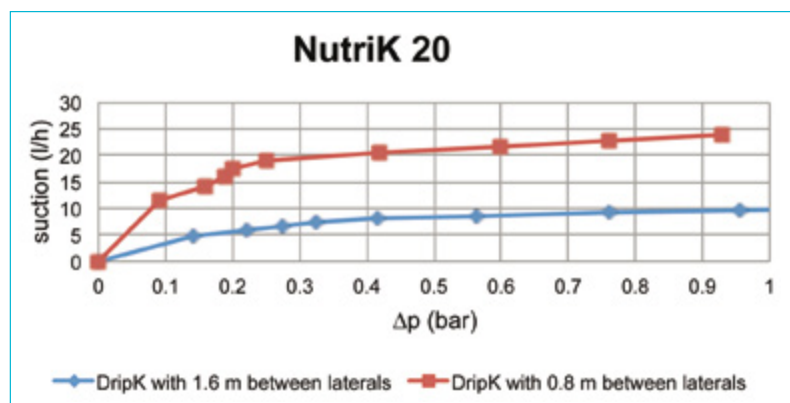
LOGISTIC DATA

- Catalog number: 37090-001100
- Packaging size: 0.28 x 0.28 x 0.57 meter
- Box weight: 3.5 Kg

SYSTEM COMPONENTS

DESCRIPTION	UNITS	PICTURE
VENTURI 484-A 3/4" PVDF/KYNAR Catalog number as a spare part: 77800-003450	1	
ANGLE SEAT VALVE 2" MTH * 2" MTH Catalog number as a spare part: 75070-001600	1	
DRIPK IN Catalog number as a spare part: 37090-006010	1	
DRIPK OUT Catalog number as a spare part: 37090-006510	1	
PRESSURE GAUGE 250 4 BAR 1/4" BSP Catalog number as a spare part: 77540-000940	2	
FEMALE CONNECTOR 8 MM * 1/4" Catalog number as a spare part: 76400-002400	1	
FILTER WEIGHT Catalog number as a spare part: 33020-000960	1	
PLASTIC FEMALE CONN. 2" Catalog number as a spare part: 75050-003700	2	
PLN/FTN BARB 2" X MTH BSP 2" KIT + 1/2" BSP Catalog number as a spare part: 43040-030900	2	
TUBE PE 8 MM		

The draws are non-uniformly scaled. They are for illustration purposes only.





NUTRIK 23

COMPLETE NUTRIGATION™ KIT

APPLICATIONS

To be used with HeadK 2" and HeadK 3".

BENEFITS

All products/parts needed for installation and operation included.

Easy to use, assemble and operate.

SPECIFICATION

The kit is designed for assembly on HeadK controls.

TO INSTALL IT

Remove air release valve and service valves from the HeadK control unit.

Assemble the kit and then reassemble the removed components back in place.









LOGISTIC DATA

- Catalog number: 37090-001150
- Packaging size: 0.70 x 0.35 x 0.52 meter
- Box weight: 3 Kg



SYSTEM COMPONENTS

DESCRIPTION	UNITS	PICTURE
VENTURI INJECTOR 3/4" 0.9 F Catalog number as a spare part: 33000-001300	1	
3/4" N.C. HYDRAULIC VALVE Catalog number as a spare part: 74480-011100	1	
SWIVEL FITTING TEE 1"F * 1"F * 1"M Catalog number as a spare part: 76200-006700	2	
SILVER FEMALE ADPATOR 20 MM * 3/4" Catalog number as a spare part: 75020-005600	1	
PLASTIC BUSHING 1M * 3/4F Catalog number as a spare part: 78220-004600	2	
SILVER MALE ADAPTOR 20 MM * 3/4 Catalog number as a spare part: 75020-004400	1	
TUBE 8 MM (3 M), PE 100 20/16 (0.55 M), 3/4" VALVE M/F (1), 3/4" COUPLER (1), TEE MALE 1/4*8 (1)		

The draws are non-uniformly scaled. They are for illustration purposes only.

PERFORMANCE DATA

PRESSURE AT THE INJECTOR INLET (BAR)	PRESSURE AT THE INJECTOR OUTLET (BAR)	SUCTION FLOW* (L/H)
1.4	0.3 0.7	215 121
2.8	0.7 1.4	176 162
4.2	1.4 2.4	162 99

* With a 12 mm suction pipe



NUTRIK 46

COMPLETE NUTRIGATION™ KIT

APPLICATIONS

To be used with HeadK 4" and HeadK 6"

BENEFITS

All products/parts needed for installation and operation included.

Easy to use, assemble and operate.

SPECIFICATION

The kit is designed for assembly on HeadK controls.

TO INSTALL IT

Remove air release valve and service valves from the HeadK control unit.








Assemble the kit and then reassemble the removed components back in place.



LOGISTIC DATA

- Catalog number: 37090-001250
- Packaging size: 0.70 x 0.35 x 0.52 meter
- Box weight: 8 Kg

SYSTEM COMPONENTS

DESCRIPTION	UNITS	PICTURE
VENTURI INJECTOR D 2" x 12 Catalog number as a spare part: 33000-001425	1	
3/4" N.C. HYDRAULIC VALVE Catalog number as a spare part: 774480-011100	1	
SWIVEL FITTING TEE 2" F * 2" F * 2" M Catalog number as a spare part: 76200-006760	2	
PLASTIC BALL VALVE 2" FF FD4 Catalog number as a spare part: 76600-005550	1	
SILVER MALE ADAPTOR 50 MM * 2" Catalog number as a spare part: 75020-005200	2	
PLASTIC NIPPLE 2" M * 2" M Catalog number as a spare part: 78220-007600	2	
PLASTIC FEMALE COUPLER 3/4" Catalog number as a spare part: 78220-001100	1	
TUBE 8 MM, PE 100 50/10, FLEXIBLE PIPE		

The draws are non-uniformly scaled. They are for illustration purposes only.

PERFORMANCE DATA

PRESSURE AT THE INJECTOR INLET (BAR)	PRESSURE AT THE INJECTOR OUTLET (BAR)	SUCTION FLOW* (L/H)
1.4	0.3 0.7	1170 905
2.8	0.7 1.4	1073 1075
4.2	1.4 2.4	1102 982

* With a 25 mm suction pipe



NUTRIK DILUTION TANK

COMPLETE NUTRIENT DILUTION KIT

APPLICATIONS

To be used with HeadK.

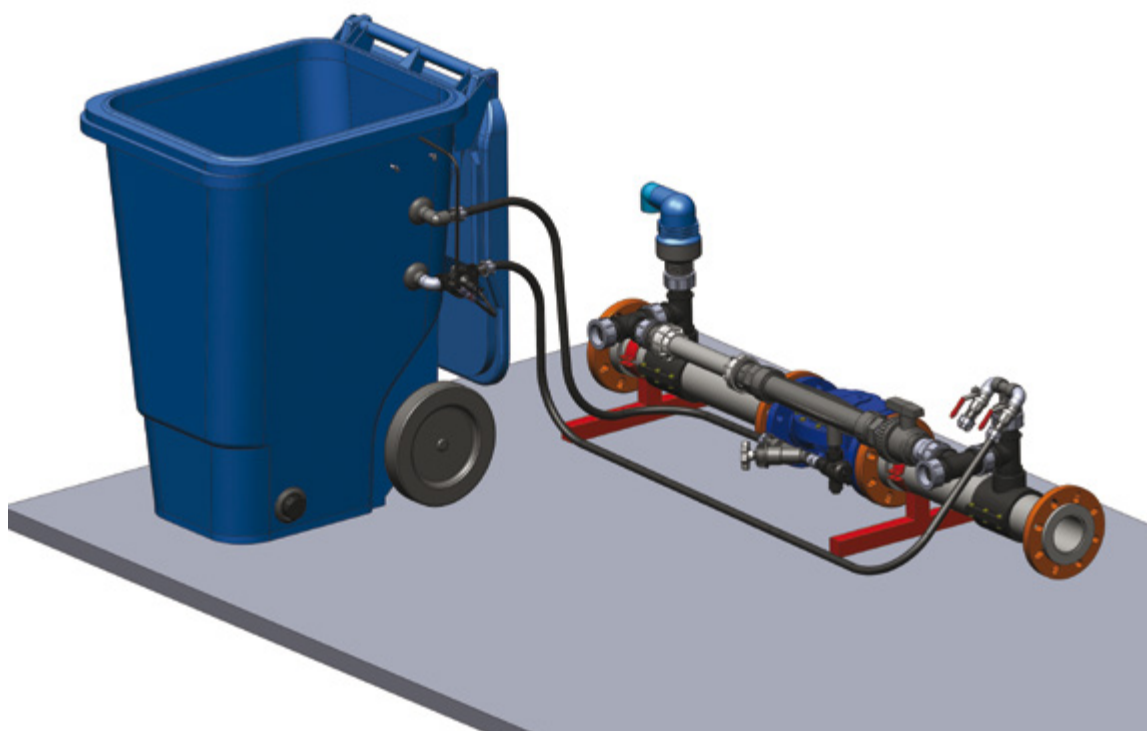
BENEFITS

All products/ parts needed for installation and operation included.
Easy to use, assemble and operate.

SPECIFICATION

- The kit is designed for assembly on irrigation heads.
- Helps dissolve the fertilizers continuously.
- Pumps water flowing in the system, dilutes with fertilizers and drives the solution back into the system.
- Large opening simplifies solid fertilizer application into the dilution tank.
- Tank inlet connected to one of the service valves on the head control and outlet to the Venturi pump connection.

BASIC SYSTEM DESIGN



LOGISTIC DATA

- Catalog number: 37090-000900
- Packaging size: 0.60 x 0.90 x 1.10 meter
- Weight: 28 Kg

SYSTEM COMPONENTS

DESCRIPTION	PICTURE
CONTAINER+PENETRATION SEAL F/DISSOLNUT Catalog number as a spare part: 37090-003500	
FILLING TAP KIT F/DISSOLNUT Catalog number as a spare part: 37090-003520	
FERTILIZE SUCTION KIT F/DISSOLNUT Catalog number as a spare part: 37090-003400	
DRAINAGE KIT F/DISSOLNUT Catalog number as a spare part: 37090-003510	
FLOAT KIT F/DISSOLNUT Catalog number as a spare part: 37090-003530	

The draws are non-uniformly scaled. They are for illustration purposes only.

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