



Step into a new adventure.

PRODUCT CATALOGUE 2023

Think AgroTech – Think AgroSheriff

www.agrosheriff.net
www.agrosheriff.com
www.agrosheriff.asia





ABOUT US

Agrosheriff Ltd. established in 1999, is an agricultural technology integrator and producer of special equipment, based in Israel. We create individual projects for agricultural enterprises, develop technical and technological solutions for small, medium, and large producers of agricultural products worldwide. We are the only ones in Israel who provide our customers with extensive knowledge and experience enabling, to effectively apply modern agricultural technologies in your farm regardless of the size of the farm. One of our advantages is the opportunity to provide our clients with information, advice and technical support in their native language



Competitive advantage – unique products and lifetime aftercare service



The main priority are small entities, small farms, and individual solutions

We have been working in the market of agricultural equipment and technologies for more than 20 years.

- We carry out projects of different levels of complexity, supply Israeli equipment, provide technical support, training and advice.
- Our feature – We have **individual** approach to each project. We successfully work with **any-sized** of agricultural entrepreneurs.
- Our goal is to provide agribusiness of **ANY LEVEL** the possibility of using innovative technologies, regardless of its size, providing the appropriate equipment and knowledge

Turnkey Projects

- Open Field
- Horticulture
- Agricultural and Medical Cannabis

Smart Upgrade

- Smart Farm integration
- Automation
- AI Solutions

Unique Solutions

- Irrigation kits
- Water management
- Animal husbandry
- Food processing
- Agricultural Machinery

Consultancy

- Planning
- After care services
- On-site and online agronomist



OUR SERVICES

OUR CATEGORIES UNIQUE PRODUCTS



IRRIGATION

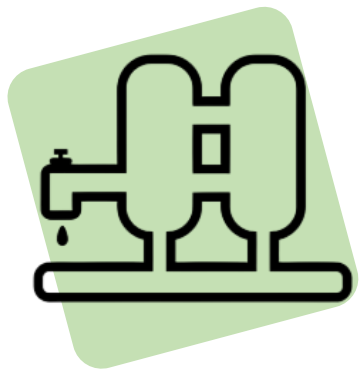
DRIP IRRIGATION

- Button Drippers
- Hydrobloom Dripline
- Subsurface Irrigation

MICRO IRRIGATION

- Sprinklers
- Mini-sprinklers
- Foggers

[6-10](#)



FILTERS

- Manual Filters
- Semi-automatic Filters
- Automatic Filters & Filter stations
- Sand Separators (Hydrocyclone)

[18](#)



FERTIGATION

DOSING PUMPS

FERTIGATION UNITS

[11-14](#)



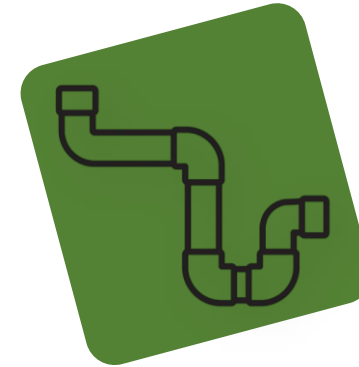
AUTOMATION

AUTOMATION UNITS

IRRIGATION CONTROLLERS

OTHER DEVICES

[19-21](#)



FITTINGS & ACCESSORIES

- Threaded & Nut Lock Fittings
 - Barb Connectors
- Swivel & Compression fittings
 - Ball & Dripline valves
- Drip tape nut connectors
- Micro drip accessories
- Sprinklers & foggers accessories
 - Micro fittings

[15-17](#)



VALVES & PRESSURE REGULATORS

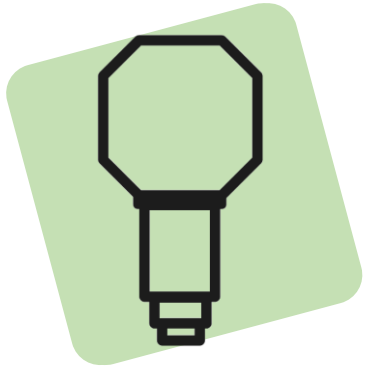
Solenoid Valves

- Pilot Valves
- 2 Way & 3 Way Solenoids

Pressure Regulators / Hydraulic Valves

[22-23](#)

OUR CATEGORIES UNIQUE PRODUCTS



AIR VALVES

[24](#)



COVERS

NETS
FILMS

[25-26](#)



TOOLS & MEASURING INSTRUMENTS

[27](#)



STRUCTURES

GREENHOUSES
NETHOUSES

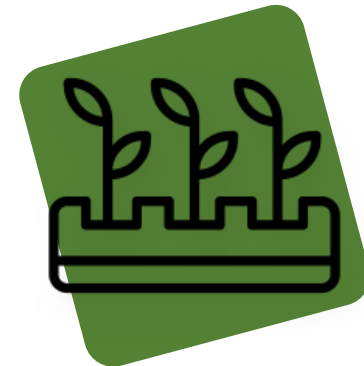
[28-29](#)



DIY KITS

IRRIGATION KITS
SEEDLINGS KIT
HYDROPONICS FACILITIES

[30-31](#)



HYDROPONIC INSTALLATION CONTAINERS

STRAWBERRIES
VEGETABLES & HERBS

[32](#)

DRIP IRRIGATION

Wide variety of drip irrigation systems for different crops, purposes and flow rates.

Contact us if you require additional drip irrigation flow rates or purposes.

Providing precision watering in controlled manner.

For best results combine with [Automation](#) and [Fertigation](#) system.



Subsurface Drip irrigation

Initially designed to provide long-term field crops - such as vineyards, orchards, row crops, etc. - the product can be installed for up to 10 years.

Flow rate : 1.0-3.4 bar

Price List : 21161



Hydrobloom Dripline

An 8 mm diameter non-compensated dripline is an excellent option for small greenhouses and landscaping projects within the home or office.

Flow rate : 1.2 L/H Max row length 25m

Price List : 21163



Button Drippers Katif

Pressure-compensated online dripper for universal use. Among the smallest PC drippers, the compact profile protects against damage. Self-cleaning.

Flow rate : 2.3, 3.75, 8.4 L/H

Price List : 21162



Driplines

Variety of outdoor and greenhouse driplines with emitters. For each emitter, precise water outflow ensures uniform watering.

Diameter : 16-25mm

Flow rate : 0.85-10L

Wall Thickness : 0.4-1.25mm

Spacing : 20-100mm

Price List : 21164

DRIP IRRIGATION

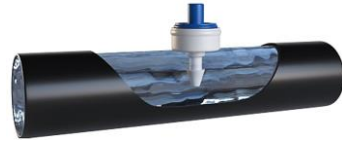
Wide variety of drip irrigation systems for different crops, purposes and flow rates.

Contact us if you require additional drip irrigation flow rates or purposes.

Providing precision watering in controlled manner.

For best results combine with [Automation](#) and [Fertigation](#) system.

Button Drippers Gali



The dripper is a non-draining, pressure-compensated on-line dripper. Self-cleaning.

Flow : 1, 2, 4, L/H

Price List : 21171

Dripper S Kit 4-way outlet



Non-draining compensated dripper. 4 outlets per dripper, for 4 small pots, 2 medium, or 1 big pot. Plants in grow bags and pots.

Flow : 2, 4, 8 L/H

Price List : 21174

Dripper T Kit 2-way outlet



Non-draining compensated dripper. 2 outlets per dripper, for 2 small pots, or 1 big pot. Potted plants.

Flow : 2, 4, 8 L/H

Price List : 21172

Dripper S Kit 2-way outlet



Non-draining compensated dripper. 2 outlets per dripper, for 2 small pots, or 1 big pot. Plants in grow bags and pots.

Flow : 2, 4, 8 L/H

Price List : 21175

Dripper T Kit 4-way outlet

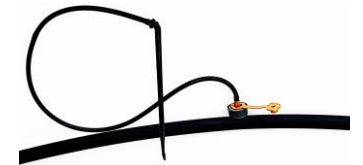


Non-draining compensated dripper. 4 outlets per dripper, for 4 small pots, 2 medium or 1 big pot. Potted plants.

Flow : 2, 4, 8 L/H

Price List : 21173

Dripper S Kit 1-way outlet



Non-draining compensated dripper. 1 outlet per dripper, for 1 small pot. Plants in grow bags and pots.

Flow : 2, 4, 8 L/H

Price List : 21176

SPRINKLERS

Wide variety of irrigation sprinklers for different crops, purposes and flow rates

Contact us if you require additional sprinklers flow rates or purposes.

Providing precision watering in controlled manner.

For best results combine with [Automation](#) and [Fertigation](#) system.



86X Series

With a patented mechanism and no bridge construction, mini sprinklers perform best in difficult conditions. Models 861, 862, 863, 866.

Pressure : 2.0-2.2 bar

Price List : 21281



80X Series

This time-proven series features a durable bridge and dynamic spray heads. Series 80x includes mini sprinklers 800, 801, and 803. Spray heads 806/806S, 807/809.

Pressure : 2.0-2.5 bar

Price List : 21283



9XX Series

Large throw diameter, low flow rates. Patented turbine mechanism. Twin jets resulted in uniform distribution and large spacing diameters. Models 900, 920, 961, 961P.

Pressure : 2.0-2.5 bar

Price List : 21282



8XX Series

A nozzle protection swivel prevents insects and dirt from entering this single-bridge mini sprinkler. Models, flow rates, and uniform distribution cover a wide range of applications. Models 831, 841, 850.

Pressure : 1.0-2.5 bar

Price List : 21284

SPRINKLERS

Wide variety of irrigation sprinklers for different crops, purposes and flow rates

Contact us if you require additional sprinklers flow rates or purposes.

Providing precision watering in controlled manner.

For best results combine with [Automation](#) and [Fertigation](#) system.



700 Series

The 700 series features a thin needle inside the orifice that vibrates when in use, distributing fine droplets evenly.

Pressure : 1.5-2.2 bar

Price List : 21291



Trijet Series

Innovative emitters irrigate oil palm plantations and other trees planted widely. Water is sprayed directly into the root zone, reducing weed growth and water waste

Pressure : 0.7-2.5 bar

Price List : 21293



4XXX Series

Various sprayer heads and flow rates. The 4XXX series is ideal for landscape and agricultural irrigation. Models 4460, 4461, 4462, 4463, 4452, 4454, 4442, 4444, 4168

Pressure : 1.5-3.5 bar

Price List : 21292



Peleg Series

Adjustable drips, sprays, and bubblers for any purpose. Spikes or buttons for direct pipe insertion. Features a removable spray cap and threaded base for easy maintenance. Excellent UV resistance.

Pressure : 0.7-2.0 bar

Price List : 21294

FOGGERS

Variety of irrigation foggers for different purposes, flow rates, and working pressure.

Contact us if you require additional foggers flow rates or purposes.

Providing precision watering in controlled manner.

For best results combine with [Automation](#) and [Fertigation](#) system.



4191 Series

Used for germination, rooting, and seedling. Suitable for humid environments. Creates a microclimate in greenhouses, chicken coops, and animal houses. Irrigation of single-bench plants.

Pressure : 1.5-5 bar

Price List : 212101



EXL Foggers

Specifically used to reduce temperature and add humidity to the air. Ideal for germination, rooting, and seedlings. Ideal for humidity-controlled environments. Creates microclimates in greenhouses, chicken coops, and animal houses.

Pressure : 2.5-5.5 bar

Price List : 212102

DOSING PUMPS

Fertilization is the injection of fertilizers into irrigation water.

Using this method, water-soluble nutrients are provided to plants in the optimal amount and mode.

Available flow rates from 1m³ to 25m³.

Precision application of fertilizer, into the root zone with define percentage.

For best results combine with [drip irrigation](#) and [automation](#).

Filtration required – [page 19](#)

Available models for irrigation livestock, industrial, and carwash usage.

MixRite 1 Series



Working pressure of 0.2-8 bars.

Flow Rate : 20 - 1,000 l/h

Price List : 221111

MixRite 2.5 Series



Working pressure of 0.2-8 bars.

Flow rate : 7 - 2,500 l/h

Price List : 221112

MixRite 3.5 Series



Working pressure of 0.2-8 bars.

Flow Rate : 10 - 3,500 l/h

Price List : 221113

MixRite TF-5 Series



Working pressure of 1-8 bars.

Flow Rate : 100 - 5,000 l/h

Price List : 221114

MixRite TF-10 Series



Working pressure of 1-8 bars.

Flow Rate : 50 - 10,000 l/h

Price List : 221115

MixRite TF-25 Series



Working pressure of 1-8 bars.

Flow Rate : 200 - 25,000 l/h

Price List : 221116

FERTIGATION UNITS

A device that provides plants with nutrients in the required and sufficient quantity in a continuous manner.

Integrates into an irrigation system.

Does not require electricity - is a water-driven proportioning injection pump

Each fertigation unit is designed in such a way that provides two circuit irrigation system:

For irrigation with clean water.

For irrigation with water soluble fertilizers.

Compact Model - Minimal space occupation

Combined Model - Combined both drip irrigation & Floggers / Sprinklers



Combined Model



Ferty Mini QS

Flow Rate Range : 20-1000 L/H

Dosage Rate : 0.1%-1%
0.2%-2% 0.4%-4% 2% Fix

Pressure : 0.8-5 bar

Coupling : Thread / Compression

Quartet-pumps : NPK Pump
Composition Adjustment Pump
Acidity Adjustment Pump
Leaf Nutrition Pump

Price List : 222121



Compact Model

Ferty Norm S

Flow Rate Range : 20-2400 L/H

Dosage Rate : 0.1%-0.9%
0.3%-2% 0.4%-4% 0.2% Fix
0.8% Fix

Pressure : 0.4-5 bar

Coupling : Thread / Compression

Solo-pumps : NPK Pump

Price List : 222123



Compact Model

Ferty Mini TS

Flow Rate Range : 20-1000 L/H

Dosage Rate : 0.1%-1%
0.2%-2% 0.4%-4% 2% Fix

Pressure : 0.2-5 bar

Coupling : Thread / Compression

Trio-pumps : NPK Pump
Composition Adjustment Pump
Acidity Adjustment Pump

Price List : 222122

Ferty Norm DS

Flow Rate Range : 20-2400 L/H

Dosage Rate : 0.1%-0.9%
0.3%-2% 0.4%-4% 0.2% Fix
0.8% Fix

Pressure : 0.5-5 bar

Coupling : Thread / Compression

Duo-pumps : NPK Pump
Acidity Adjustment Pump

Price List : 222124

FERTIGATION UNITS

A device that provides plants with nutrients in the required and sufficient quantity in a continuous manner.

Integrates into an irrigation system.

Does not require electricity - is a water-driven proportioning injection pump

Each fertigation unit is designed in such a way that provides two circuit irrigation system:

For irrigation with clean water.

For irrigation with water soluble fertilizers.

Compact Model - Minimal space occupation

Combined Model - Combined both drip irrigation & Floggers / Sprinklers



Compact Model

Ferty Norm TS

Flow Rate Range: 20-2400 L/H

Dosage Rate : 0.1%-0.9%
0.3%-2% 0.4%-4% 0.2% Fix
0.8% Fix

Pressure : 0.8-5 bar

Coupling : Thread / Compression

Trio-pumps : NPK Pump
Composition Adjustment Pump
Acidity Adjustment Pump

Price List : 222131



Ferty Mega QP

Flow Rate Range : 150-30000 L/H
600-75000 L/H

Dosage Rate :
0.1%-1% 0.3%-2.5% 1%-5.5%

Pressure : 1.5-5 bar

Coupling : Thread / Compression

Quartet-pumps : NPK Pump
2 Composition Adjustment /
Microelements Pumps
Acidity Adjustment Pump

Price List : 222133



Compact Model

Ferty Norm TP

Flow Rate Range: 60-7400 L/H
60-10000 L/H

Dosage Rate : 0.1%-1%
0.2%-2% 0.5%-5% 0.2% Fix
0.8% Fix

Pressure : 0.6-5 bar

Coupling : Thread / Compression

Trio-pumps : NPK Pump
Composition Adjustment Pump
Acidity Adjustment Pump

Price List : 222132



Ferty Mega TP

Flow Rate Range : 120-10000 L/H
120-20000 L/H

Dosage Rate : 0.1%-1%
0.2%-2% 0.5%-5%

Pressure : 1.5-5 bar

Coupling : Thread / Compression

Trio-pumps : NPK Pump
Composition Adjustment Pump
Acidity Adjustment Pump

Price List : 222134

FERTIGATION UNITS

A device that provides plants with nutrients in the required and sufficient quantity in a continuous manner.

Integrates into an irrigation system.

Does not require electricity - is a water-driven proportioning injection pump

Each fertigation unit is designed in such a way that provides two circuit irrigation system:

For irrigation with clean water.

For irrigation with water soluble fertilizers.



Combined Model

Ferty Set Plus QS

Flow Rate Range Drip Irrigation :
20-3400 L/H

Flow Rate Range Leaf Nutrition :
100-4800 L/H

Dosage Rate For Leaf Nutrition :
0.1%-1% 0.2%-2% 0.5%-5%

Dosage Rate Drip Irrigation :
0.1%-0.9% 0.3%-2% 0.4%-4%
0.8% Fix 0.2% Fix

Pressure : 1-5 bar

Coupling: Thread / Compression

Quartet-pumps: NPK Pump
Composition Adjustment Pump
Acidity Adjustment Pump
Leaf Nutrition Pump

Price List : 222141



Combined Model

Ferty Set QS

Flow Rate Range :
20-3400 L/H

Dosage Rate : 0.1%-1%
0.3%-2% 0.4%-4% 0.2% Fix
0.8% Fix

Pressure : 0.8-5 bar

Coupling : Thread / Compression

Quartet-pumps : NPK Pump
Composition Adjustment Pump
Acidity Adjustment Pump
Leaf Nutrition Pump

Price List : 222142

Compact Model - Minimal space occupation

Combined Model - Combined both drip irrigation & Floggers / Sprinklers

FITTINGS and ACCESSORIES

A wide range of connectors for the installation of irrigation systems. All components are Fertilizer resistant.

Contact us if you require additional fittings threads, size, working pressure etc.

Giving the ability, to install the equipment properly, with the high-quality materials.



Threaded Fittings

Long life, durability, and resistance to breakage with extra strong design. Wide grip for easy assembly.

Material: PP

Pressure :	16 bar (230 psi)
Threads :	BSPT
Size :	1/2" – 2"
Price List :	231151



Barb Fittings

Flexible leak-free joint. Minimal flow restrictions.

Suitable for working with chemicals and outdoors.

Material – Acetal.

Pressure :	8 bar (116 psi)
Threads :	BSPT
Size :	12 – 25 mm
Price List :	231152



Swivel Fittings

Swivel fitted with O-Ring standard - no Teflon required for sealing. Materials - Body and Swivel: PP Gasket: EPDM

Pressure :	10 bar (145 psi)
Threads :	BSPT
Size :	3/4" –2"
Price List :	231153



Nut Lock Fittings

Strong and durable fittings that will stand the test of time. This product is designed for ease of use and tight water connection.

Pressure :	10 bar (145 psi)
Threads :	BSPT
Size :	16, 20 , 25 mm
Price List :	231154

FITTINGS and ACCESORRIES

A wide range of connectors for the installation of irrigation systems. All components are Fertilizer resistant.

Contact us if you require additional fittings threads, size, working pressure etc.

Giving the ability, to install the equipment properly, with the high-quality materials.

Manifolds



Swivel fitted with O-Ring as standard - no Teflon required for sealing.
 Materials:
 Body and Swivel: PP
 Gasket: EPDM

Pressure :	10 bar (145 psi)
Threads :	BSPT
Size :	1"
Price List :	231161

Ball Valves



Wide range of connections:
 Thread: Male/Female 1/2"-2"
 Swivel: 3/4"-2"
 Materials: PP body and Nut

Pressure :	16 bar (232 psi)
Threads :	BSPT
Size :	1.5" – 2" (15-50mm)
Price List :	231162

Drip Tape Nut Connectors



Used for drip tape, OD with or without seam. Inverted thread for easy assembly.
 Nut Connectors: Wall thickness 4-45 mil, (0.1-1.1 mm).
 Materials: PP body and Nut

Pressure :	8 bar (116 psi)
Threads :	BSPT and NPT
Size :	16-17, 22, 25 mm
Price List :	231163

FITTINGS and ACCESSORIES

A wide range of connectors for the installation of irrigation systems. All components are Fertilizer resistant.

Contact us if you require additional fittings threads, size, working pressure etc.

Giving the ability, to install the equipment properly, with the high-quality materials.



Sprinkler Connectors

Wide range of connections.

For 4/7 tube and sprinklers assembling.

Size : 4/7 tube

Price List : 231171



Micro Drip Accessories

Wide range of connections.

For 3/5 tube and button drippers assembling.

Size : 3/5 tube

Price List : 231173



Thread Lock Saddle Clamp

High pressure saddles without bolts. Quick and easy assembly and maintenance. Install without tools. No metal parts = No corrosion

Pressure : 10 bar (140 psi)

Threads : BSPT and NPT

Size : 20X1/2" to 63X1/2"

Price List : 231172



Mini Barb Connectors

Wide range of connections.

For 8 mm and 6 mm tube connecting.

Size : 8 and 6 tube

Price List : 2311714

FILTERS IRRIGATION

The quality of water used for irrigation is an important aspect for the smooth operation of irrigation systems and their service life. Therefore, properly selected filtration is the key to the durability of any irrigation system.

Contact us if you require additional filters diameter, range, flow rates or purposes.

Giving the ability, to filter the water in manual, semi or automatic manner.

Manual Filter S/D



Two main types of filters elements: screen filters and disc filters

- Diameter :** 3/4" – 3"
- Filter Range :** 40-200 Mesh (70-425 mic)
- Flow rate :** 3-50 m³/h
- Price List :** 241181

Automatic Filter Batteries



Filters with the capability of self-cleaning in an automatic mode. Element of disk filtration

- Diameter :** 2", 3"
- Filter Range :** 40-700 Mesh (20-425 mic)
- Flow rate :** 40-400 m³/h
- Price List :** 241184

Manual Filter D55



Irrigation disc filter 55 mic - for foggers irrigation systems

- Diameter :** 3/4"
- Filter Range :** 260 Mesh (55 mic)
- Flow rate :** 5 m³/h
- Price List :** 241182

Sand Separators Hydrocyclone



Designed for sand removal, the Hydro cyclone is an essential part of any filtration system where sand is an issue

- Diameter :** 2"
- Filter Range :** 100-297 Mesh (50-150 mic)
- Flow rate :** Up to 125 m³/h
- Price List :** 241185

Semi Automatic Filters



A filter element can be either a disk or a screen that can be used for the purpose of filtering

- Diameter :** 2", 3"
- Filter Range :** 80-200 Mesh (70-200 mic)
- Flow rate :** 25-50 m³/h
- Price List :** 241183

Semi Automatic Filters Batteries



It allows the user to flush the filter without disassembling it. Screen or disk filtration element

- Diameter :** 2", 3"
- Filter Range :** 80-200 Mesh (70-200 mic)
- Flow rate :** 40-200 m³/h
- Price List :** 241186

DC IRRIGATION CONTROLLERS

Huge variety of automation controllers from small 1 irrigation zones to 12 irrigation zones.

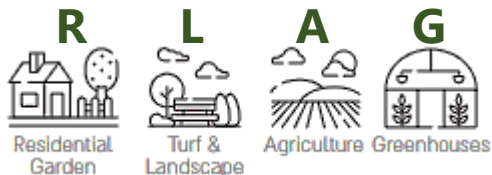
From 1 small affordable controller to All-in-One automation units.

Giving the ability, irrigate the plants few times a day or an hour in an automated mode. Each valve can be programmed independently.

For best results combine with [drip irrigation](#) and [Fertigation](#) system.

Solenoid valve required – [page 22](#)

LEGEND



6200 Series



Timer based – irrigation controller, battery powered. (Window type opt.)

Valves : Up to 12

Usage : L, A, G

Min. water Dur. : From 1 sec.

Price List : 252191

6100 Series



Timer based – battery powered controller / smartphone (Bluetooth)

Valves : 1-6

Usage : R, L, G

Min. water Dur. : From 1 sec.

Price List : 252192

iiri Series



Smartphone-controlled window irrigation controller (BT) – battery powered

Valves : 1

Usage : R, L, G

Min. water Dur. : From 10 sec.

Price List : 252193

7000 Series



Smartphone-controlled window irrigation controller (BT) – battery powered (Rain sensor opt.)

Valves : 1

Usage : R, L, G

Min. water Dur. : From 1 min.

Price List : 252194

G75 Series



Precision controller - powered battery activated. (Window type opt.)

Valves : 1-2 + Master

Usage : R, L, G

Min. water Dur. : From 1 sec.

Price List : 252195

AC IRRIGATION CONTROLLERS

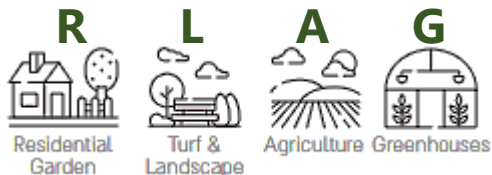
From 4 irrigation zones and up to 24 irrigation zones. If you require additional valve controllers, please contact us.

Giving the ability, irrigate the plants few times a day or an hour in an automated mode. Each valve can be programmed independently.

For best results combine with [drip irrigation](#) and [Fertigation](#) system.

Solenoid valve required – [page 22](#)

LEGEND



8000 Series



The irrigation controller allows independent programming of each valve, ideal for lawns, drip irrigation systems, sprinklers, and basic agriculture. The controller has options for 4, 6, 9 and 12 valves. Smartphone BT optional.

- Valves :** Up to 12

- Usage :** R, L, A, G

- Min. water Dur. :** From 1 sec.

- Price List :** 252201

GSI Series



Advanced cloud / web-based controllers GSI and Galileo series. Analog and wi-fi operated. Up to 24 digital and 16 analogue O/P. Up to 16 inputs. Contact us for more information.

- Valves :** Up to 24

- Usage :** A, G

- Min. water Dur. :** From 1 sec.

- Price List :** 252202

80024 Series



The controller features auxiliary programs for lighting and additional, independent electrical activation, as well as variable irrigation and fertigation zones. The controller operates for 8-24 valves.

- Valves :** Up to 24

- Usage :** A, G

- Min. water Dur. :** From 1 min.

- Price List :** 252203

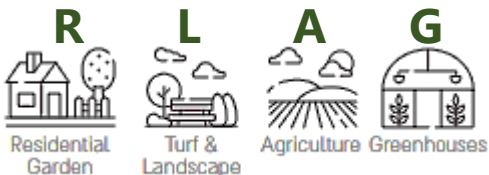
OTHER DEVICES

Various add-on devices for monitoring, control, climate control, etc.

Administrates appropriate technological processes.

Greenhouse application.

LEGEND



Weekly Programmable Timer



Managing auxiliary lighting, evaporators, greenhouse curtains, fans, etc. Daily programs. Week-ahead pre-setting

Voltage : AC 220 V, 50/60 Hz

Usage : G

Price List : 253211

Intelligent Temp. & Humidity Sensor



Sensor for greenhouse temperature and humidity.

Range: Temp. 0-100°C
Humidity 0-100% RH

Voltage : 220 V AC / 24 V DC

Usage : G

Price List : 253212

Fertilizer Flow meter



Used to measure the fertilizers and chemicals introduced into a computerized irrigation system. Flow rate 25-500 l/h

Pressure : 5 bar

Usage : A, G

Price List : 253213

Evaporator



Disperses insecticides and antifungal materials over plants.

Voltage : 230V AC

Usage : G

Price List : 253214

Active air humidifier



Using a fan, nebulized water mixes with air to create humidified air. 5 m moisture flow. Controller included.

Voltage : 220V AC / 24 V DC

Usage : G

Price List : 253215

SOLENOID VALVES

Electromechanically operated valves.

An integral part of automation and control systems.

Contact us if you require additional solenoid valves sizes or purposes.

Providing precision watering in controlled manner.

For best results combine with [drip irrigation](#) and [Fertigation](#) system.

Solenoid Valves 24V AC NC



Solenoid valves for electricity powered control. Contact us for bigger diameters.

Diameters : From 1/2" +

Powered : AC

Price List : 261221

Solenoid Valves Latch NC



Solenoid valves for latch impulse – battery powered control. Contact us for bigger diameters.

Diameters : 1/2", 3/4", 1", 1 1/2", 2"

Powered : DC

Price List : 261222

Variety 2- & 3-way, Pilot



Large selection of 2 / 3 way solenoids, including high-pressure solutions and flow rate adjustable solenoids, and Pilot valves.

Diameters : 1/8", 1/4"

Powered : DC/AC

Price List : 261223

PRESSURE REGULATORS

Water pressure regulators (reducers) are special devices that allow to regulate the pressure of the water flow.

They help reduce the fluid supply force to an acceptable level, prevent water hammer and failure of devices and equipment used in irrigation systems.

For best results, combine with a [fertigation unit](#).

Pressure Reduces



Adjustable direct acting pressure reducer.

Mechanical operation.

Sizes :	¾" 1"
Pressure :	0.7-9 bar
Flow Rate :	0.2 – 7m ³
Price List :	262231

Hydraulic Pressure regulators



Provide compact, efficient and accurate high flow pressure reducers.

Hydraulic operation.

Sizes :	From 1"+
Pressure :	From 0.7 bar+
Flow Rate :	From 2.5m ³ +
Price List :	262232

Hydraulic Valve



The purpose of a flow control valve is to regulate the flow rate in a specific portion of a hydraulic circuit.

Sizes :	From ¾"+
Pressure :	From 0.3 bar+
Flow Rate :	0.7-9m ³
Price List :	262233

AIR VALVES

Automatic air release valves release accumulated air while the system is under pressure.

A water system with air can result in decreased flow and increased heat loss. Also, unwanted air may cause water hammers and metering errors.

Contact us if you require additional air valves sizes or purposes.

For best results, combine with a [fertilization unit](#).

Air Valve SG-10



Automatic Air Release Valve. Releases trapped air from pressurized systems. Installed after filters, pressure reducers, and fertilizer injection systems.

Diameters : 1/2", 3/4"

Pressure : 0.2 – 16 bar

Thread : Male

Price List : 271241

Air Valve AV-10



Automatic Air Release Valve. AV-10 Air & Vacuum Valve discharges air when the system is being filled or charged and admits air when the system is being drained.

Diameters : 3/4", 1", 2", 3"

Pressure : 0.2 – 10 bar

Thread: Male / Female

Price List : 271242

Air Valves variety



Different sizes and types of air valves with a range of pressures, threads, and diameters are available.

Diameters : 1/4, 3/4", 1", 2", 3"

Pressure : 0.05 – 10 bar

Thread: Male / Female

Price List : 271243

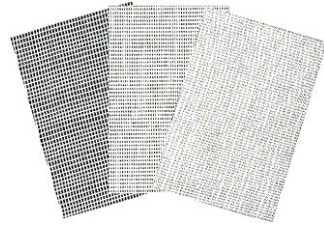
NETS

Protect your crops with specially designed nets made of durable materials that have a long service life.

Variety of usage: shading, darkening, energy saving, protection against insect pests, birds, wind and hail.

Shelter your crop from the environment, minimizing its negative impact.

Anti-Insect



Alternatives to pesticides prevent pests from entering crop environments. Insect nets differ by the size of their holes.

Variant : 17 mesh, 25 mesh, 40 and, 50

Usage : P, R, Q

Price List : 282251

OptiNet



Physical and optical protection against insects. Nets contain optical additives (non-toxic) that blind and repel insects.

Variant : 17 mesh, 25 mesh, 40 and, 50

Usage : P, R, Q

Price List : 282252

Shade



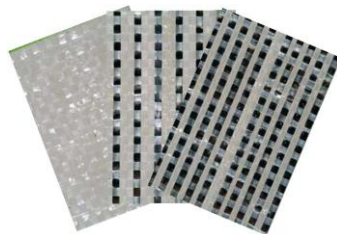
Light dispersion control, reduction of temperatures during the day, protection from direct sunlight.

Variant : Aluminet O, I. Color: BK, RD, Pearl, Silver

Usage : P, R, Q

Price List : 282253

Thermal



Among its benefits are climate control, protection from direct sunlight, and energy efficiency.

Variant : Aluminet IC

Usage : P, R, Q, M

Price List : 282254

Darkening



A technological solution for regulating daylight hours and the intensity of light throughout the day.

Variant : Aluminet DS, Aluminet TDS

Usage : P, R, Q

Price List : 282255

Birds & Hale Protection



The net has been designed to prevent penetration by hale and birds.

Variant : Color: Cristal, BK, RD, GY, YL

Usage : P, R, Q

Price List : 282256

LEGEND



FILMS

Protect your crops with specially designed films made of high-quality PE with UV protection.

Features: anti-dust, anti-virus, thermal, anti-mist, anti-drip, light diffusion.

Keeping your crops protected from the environment ensuring that growth without being adversely affected.



Greenhouse

Multi-feature PE films for greenhouses and low tunnels covering:
 Thermal effect, anti-virus effect, anti-mist, anti-dust, light diffusion, anti-drip, and UV protection.

Thickness : 100-250 mic

Size : Tailor made W & L

Price List : 282261



Mulch

Advanced multilayer mulch films are manufactured by blow film co-extrusion and casting (flat die) extrusion. UV-protective, these films are available embossed (cast) or smooth (blown) and in a wide range of thicknesses and widths to suit growers' requirements.

Thickness : 25-50 mic

Size : Tailor made W & L

Price List : 282262

TOOLS & MEASURING INST

Variety of tools and measuring instruments for different equipment and purposes.

Contact us if you require additional tools or measuring instruments purposes.



Punchers

Tool for holing pipes with high quality punch tip

Size : Hole 3 & 4mm | Pipe 16-32mm

Price List : 291271



Inserters

A tool for stabbing button drippers and sprinkler connectors into pipes

Size : Pipe diam. 16-32 mm

Price List : 291272



TDS & conductivity meter

Measurement range
Conductivity: 0-9990 us/cm
TDS: 0-5000 ppm

Price List : 291273



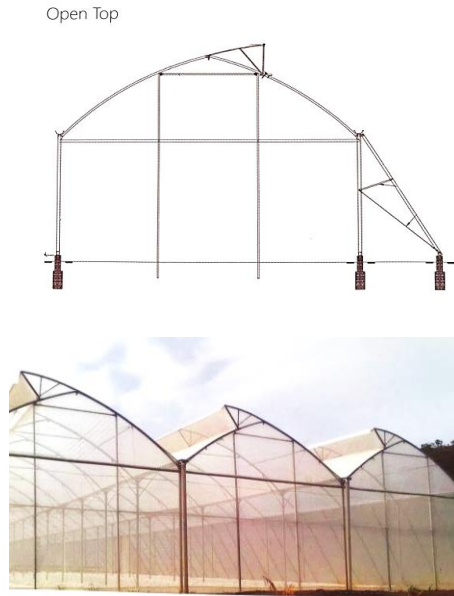
Pen-type pH Meter

Measurement range:
0.00-14.00 pH
Resolution: 0.01 pH

Price List : 291274

GREENHOUSE STRUCTURES

Prefabricated & assembled on site by means of bolts, nuts and washers only, without any welding, enabling easy implementing and full adaptation to all related sub systems used in modern greenhouse production.

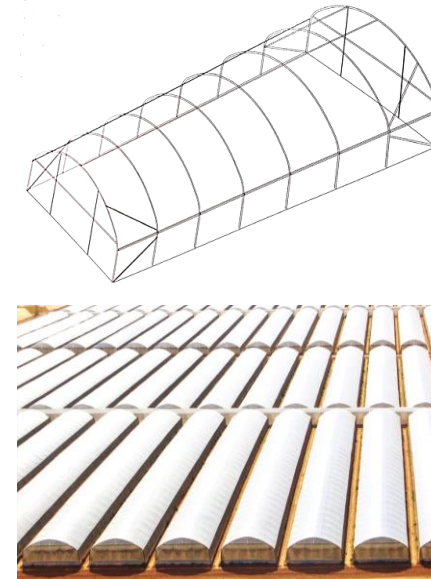


Multi Span

Whether in cold regions or hot and arid regions, multi-span greenhouse offers the highest level of volume and performance.

Size : Range of widths and heights

Price List : 2101281



Tunnel

Open-ended film doors provide ventilation without requiring a dedicated system. Costs are lower for tunnel greenhouses. Quick rotation of seasonal crops. Best for seedlings. Hail, wind, frost, excessive precipitation, and pests are protected by tunnels.

Size : Range of widths and heights

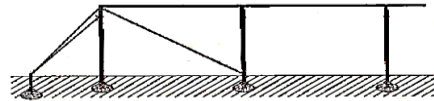
Price List : 2101282

NETHOUSE STRUCTURES

Facility covered with anti-insect nets, combining the advantages of open-field and greenhouse cultivation. Affordable compared to greenhouses.

Prefabricated & assembled on site without any welding.

Net Houses reduce light intensity and effective heat during the day to allow crops to grow under controlled conditions. Shade percentages and factors are available on the [nets](#) page.

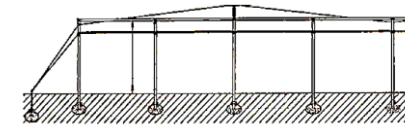


Flat

Flat roof design - the simplest and cheapest, used in regions with a dry climate (where there is no precipitation) or for seasonal use (the mesh is dismantled for the precipitation period).

Size : Tailor made

Price List : 2102291



Two - Slope

A two-slope roof is a versatile solution suitable for any climate.

Winter snow requires the mesh to be removed in cold climates.

Size: Tailor made

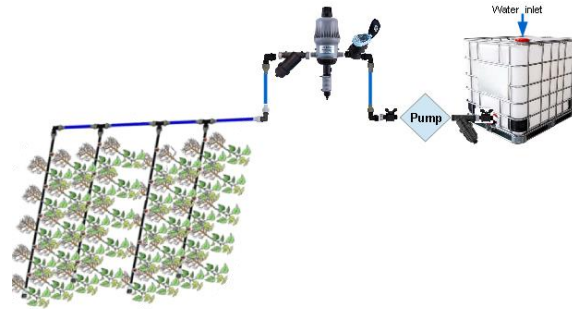
Price List : 2102292

DIY KITS

Variety of DIY kits for your home, garden and farm. Equipped with precise agriculture technologies. Automated controllers, drip irrigation, fertilizer dosing pumps, filters and more.

All to ensure simple, yet responsible agricultural practices, with minimum efforts.

iGrow Kit



Complete designed kit to irrigate your crops, ideal for in-field applications, provide automatic uniformity irrigation, even for sloping terrain.

Feed and water your plants on time.

Usage : R, L, A, G

Price List : 2111301

HomeGarden Kit



Irrigation kit designed for urban applications (hobby greenhouse, garden, landscaping). Effectively provide automatic irrigation and fertigation.

Set your own automated garden

Usage : R, L, G

Price List : 2111302

Lawn Kit



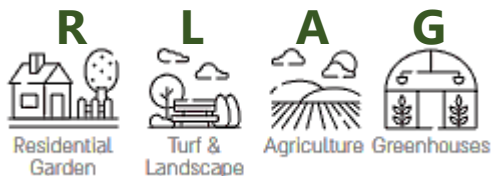
Minimalistic designed kit, for manual control of drip irrigation operation. The cheapest option to simplify your irrigation.

Save time and water

Usage : R, L, G

Price List : 2111303

LEGEND



DIY KITS

Variety of DIY kits for your home, garden and farm. Equipped with precise agriculture technologies. Automated controllers, drip irrigation, fertilizer dosing pumps, filters and more.

All to ensure simple, yet responsible agricultural practices, with minimum efforts.



GOLDA Kit

Complete designed kit to irrigate your vegetables, herbs and berries, ideal for urban applications (balcony, garden, rooftop etc). Provide automatic uniformity irrigation for all pots, regardless of location level.

Grow your own food.

Usage : R, G

Price List : 2111311



GOLDA V2 Kit

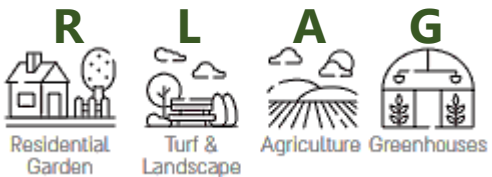
Designed to irrigate vegetables, herbs, and berries indoors (apartment, office, gallery). Regardless of location level, provide automatic uniformity irrigation. Space-saving vertical facility.

Grow your own food.

Usage : R, G

Price List : 2111311

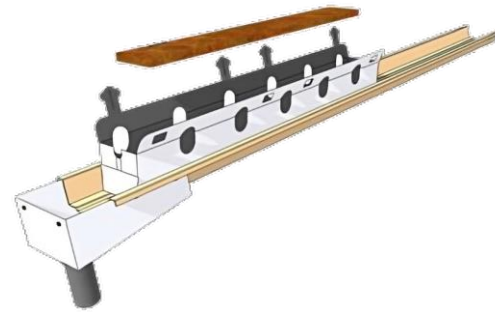
LEGEND



HYDROPONIC CONTAINERS

Variety of hydroponics installation containers for different crops, and sizes.

Contact us if you require additional containers for different crops or purposes.

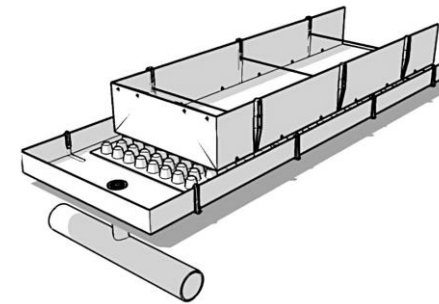


Strawberry

PVC 110 gutters allow growing more plants per square meter (up to 20 plants per square meter), maximizing greenhouse space and boosting returns. A full system includes PVC gutters, growing containers, and drainage

Size: 10 x 100 cm

Price List : 2121321



Vegetables and Herbs

Trough system with drainage holes and drainage collection is convenient and efficient system includes trough, drainage spacer, drainage envelope and assembly accessories.

Wide range of widths and heights

Size: Tailor made length

Price List : 2121322



AGRIMAX

Heat

Heating system creates an optimal environment and boosts growth cycles, therefore increasing production over a short period of time. Cycles hot water – affordable and convenient.

Ideal for cold regions.

Width : 30cm / 60cm / 90cm etc.

Length : 2.31m / 2.92m / 3.23m / 3.85m

Flow Rate : 0.6 – 12 m³/h

Pressure : 4 bar (60 PSI) at 60°C (140°F)

Price List : 2131331



Cost saving system – identical energy consumption regardless of the area.



Constant and controlled temperature at the root zone.



Safe environment – electricity free.



Resistant to corrosion, lime-scale, salts and fertilizers



Uniformed water distribution

LEGEND

Learn which emitter are more suitable for your usage application in this legend.

EMITTER		APPLICATIONS								SPECIAL FEATURES									
		TREES			OVERLAPPING		GARDENS	FROST & COOLING			IP	INF	NFR	RJC	LDE	NBE	LP	SECTOR*	FLOW RATES RANGE L/H
TYPE	SERIES	LARGE	MEDIUM	SMALL	OPEN FIELD	HOTHOUSES	LANDSCAPE GARDENING	FROST PROTECTION	COOLING SYSTEMS										
Sprinkler	920/940	•			•	•	▲	•	•	•	•				•		360	180-300	
	961	•			•	•	▲	•	•	•	•				•		360	120-160	
	961p				•	•	▲	•							•		90-270	120	
Mini-Sprinkler	861				•	•	▲▼	•	•	•	•				•	•	360	35-160	
	862/862r		•	• R				•							•	•	360	35-160	
	863/863r		•	• R				•							•		360	20	
	866					•	▼		•						•		360	35-160	
	831	•			•	•	▲	•	•	•	•						360 ☒	35-240	
	841	•	•		•	•	▲	•	•	•	•					•	360 ☒	35-160	
	850	•						•									180-200	50-90	
	801	•			•	•	▲	•	•	•						•	360 ☒	20-240	
	803					•	▼		•								360 ☒	35-240	
Sprayer	4460		•					•									360 ☒	40-90	
	4461		•					•							•		320	40-90	
	4462		•					•									360 ☒	20-90	
	4463			•				•									360 ☒	20-90	
	4442		•	•				•									twin	20-90	
	4444		•					•									ellipse	40-90	
	4452							•							•		180	40-90	
	4454							•							•		90	40-70	
	4168	•														•	360	35-180	
	700		•	•					•							•		360	40-160
	806		•	•					•									360 ☒	35-240
	806s			•					•									360 ☒	35-240
	807		•	•					•									360 ☒	35-160
Mister	4190					•	▲▼	•		•							360 ☒	20-90	
	4191					•	▲▼	•		•				•			320	20-90	
	809					•	▲▼	•		•							360 ☒	20-240	

- INF** **Integral Nozzle Filter:**
Minimizes clogging caused by accumulating particles or dirt in the pipes beyond the filtration system, enables trouble free operation and easy field cleaning without the need to dismantle the nozzle.
- NFR** **Nozzle Flow Reducer:**
Incorporated flow reducer with an integral nozzle filter enabling the use of larger water passage for low flow rates and ensuring an outstanding high clogging resistance.
- LDE** **Low Dripping Emitter:**
A unique feature for "bridge" structure emitter, minimizing dripping caused by water hitting the "bridge".
- NBE** **No Bridge Emitter:**
Ensures uninterrupted full circle irrigation and prevents dripping.
- IP** **Insect Protected:**
Shuts off after operation thus preventing insects and dirt from penetrating the nozzle from the outside.
- RJC** **Removable Jet Converter:**
Converts the water jet into large droplets spread over a small diameter. Can be removed as the plant grows.
- SBO** **Smooth Balance Operation Sprinkler:**
Provides continuous double balanced jets of water which irrigates without damaging the soil and maintains stable assembly without vibrations.

- Suitable for the application
- Suitable only in area protected from wind
- ☒ Bridge emitter 340°-350°
- L.P = Also works well in low pressure above 1.5 atm.
- ▲ Upright position
- ▼ Downward position
- ▲▼ Both positions



Contact us.

export@agrosheriff.net

[+972 77 329 4030](tel:+972773294030)

[+972 50 301 6749](tel:+972503016749)



INDIVIDUAL
SOLUTIONS
FOR YOUR
SUCCESS