



Intelligent Agriculture

Precision Technology

30 Years of Experience

Thousands of Satisfied Clients

PROFITABLE IRRIGATION SOLUTIONS



AZUDRIP COMPACT

Market Leader in Turbulent Flow Driplines

Diameter (mm)	: 12	16	20
Discharge (lph)	: 1.9 & 3.0	1.6, 2.2 & 4.0	2.2 & 3.4
Dripper Spacing (cm)	: 25 - 150		
Applications	: Row crops, vegetables, nurseries, green houses etc.		

* Approved under Uniformity Category 'A'.



- ✓ Dynamic, Lineal and Mechanical protection against clogging.
- ✓ Higher Uniformity.
- ✓ Wide Labyrinth.
- ✓ Wide filtration area.
- ✓ Protection against UV rays.
- ✓ Easy Handling.



AZUD PRO

Technology Applied to the Labyrinth

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* Wide passage area of labyrinth minimizes clogging.



AZUD PC DIS

Dripline with Pressure-Compensating System

Diameter (mm)	: 16 & 20		
Dripper Spacing (cm)	: 20 - 200		
Discharge (lph)	: 2.2 & 4.0		
Applications	: Undulating land, row crops, vegetables, nurseries, greenhouses etc.		

- * Suitable for installations in areas with irregular topography.
- * Covers large crop areas with longer dripline lengths, maintains constant flow independently of pressure variation from 0.5 kg/cm² to 4 kg/cm².
- * Ensures maximum uniformity of fertigation.



AZUDLINE

Thin-wall Dripline with Flat Drippers

Diameter (mm)	: 12, 16 & 22		
Dripper Spacing (cm)	: 15 - 75		
Discharge (lph)	: 1.1, 1.4, 2.1 & 3.8		
Applications	: Row crops, vegetables, nurseries, greenhouses, surface and subsurface irrigation.		

* Anti - Sedimentation Labyrinth.

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MINI-SPRINKLER



SPRINKLER



Mini Sprinkler - Macro Benefits

Inlet Size (in)	: 1/2
Radius Coverage (m)	: 6 - 12
Operating Pressure (kg /cm ²)	: 1.5 - 4
Discharge (lph)	: 325 - 950
Applications	: Field Crops & Fodder Crops.

- ✓ Water savings.
- ✓ Fertilizers and chemicals can be applied with water through the irrigation system.
- ✓ Improved production on marginal land.
- ✓ Crop protection from frost.

Uniform Irrigation and Improved Efficiency

Inlet Size (in)	: 3/4
Radius Coverage (m)	: 12.2 - 14
Operating Pressure (kg /cm ²)	: 1 - 4
Discharge (lph)	: 1494 - 2868
Applications	: Field Crops, Fodder Crops, Turf & Landscape.

RAIN GUN



Long Range and Improved Performance

Radius Coverage (m)	: 14 - 52.1
Discharge (lph)	: 1,300 - 43,800
Operating Pressure (kg /cm ²)	: 2 - 7.5
Applications	: Vegetables, field crops, medicinal plants, cash crops, landscaping, sports ground and dust suppression.

MAZZEI VENTURY



Differential Pressure Injectors for Fertigation

Size (inch)	: 3/4, 1, 1.5 & 2
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- * Precise chemical applications for irrigation.
- * Low cost solution as compared to other injection methods.
- * Available in polypropylene (PP).

XILEMA



**NX 300
Controller**



Automatic Irrigation & Fertigation

Models	NP-20	NP-30	NP-35
Fertilizer Injection	3-5	5-9	5-9
No. of Sections	7	16	32
No. of Venturies	3-5	3-9	3-9
Suitable :	Small & medium size farms		Medium & large size farms

Applications : Green Houses and open fields.

* PH & EC control with double pH sensor option.

* Emergency alarm for low or high pressure, EC & pH flow etc.

* PC & mobile communication.

✓ Manages fertilizer doses according to pH & water quality.

✓ Precise fertilizer injection.

✓ Easy installation & maintenance.



HELiX SYSTEM AZUD



Minimum Frequency of Maintenance Labour

AZUD HELIX DISC FILTER

Size (inches)	: 2", 2"S, 3", 4", 4"S & 6"
Filtration Grade (micron)	: 5 - 200
Filtering Element	: Disc
Maximum Pressure (bar)	: 10
Flow (m ³ /hr)	: 30 - 100

* Suitable to work with temperatures upto 60°C.

✓ Material of construction:- Nylon, Polyamide and Crystal Fibre.

✓ Wide filtration surface area

✓ 3 dimensional filtration.

A Revolution in Filtration: Low Maintenance System

AZUD AUTOMATIC DISC FILTER

Filtration Grade (micron) : 5 - 200

Filtering Element : Multi Grooved & Wall Disc

Models : 200, 201, 300, 400, 500, 4DCL and HF



Helix Element



Anti-Clogging Device: The helix generates a helical centrifuge effect, which moves away from the disc a high percentage of particles suspended in the water. Achieving the optimal performance results in saving of water and low cost of maintenance.

HELiX AUTOMATIC AZUD



LUXON AZUD



LDB

LXE

AZUD AUTOMATIC SCREEN FILTERS

ELECTRIC MODELS

Filtration Grade (micron)	: 20 to 1,000
Size (inches)	: 2 to 14
Maximum flow (m ³ /h)	: 1,000
Models	: LDB & LXE

* Suitable to work with temperatures upto 60°C.

* Large filtration surface.

AZUD-LUXON - A steel heart.
The new AZUD-LUXON series of Automatic Screen Filters join the existing AZUD Disc Filters to complete the range of AZUD filtration products.



Quality Policy

HARVEL AGUA is committed to deliver innovative and effective water resource management products & services to meet the needs of our existing and potential customers through continual improvement in quality management systems & involvement of the entire team.

ABOUT THE COMPANY

HARVEL AGUA INDIA PRIVATE LIMITED is a 50:50 techno-commercial joint venture between **HARVEL IRRIGATIONS PRIVATE LIMITED – INDIA**, a well-recognized name in Irrigation Engineering since 1984 having world-wide affiliation with irrigation majors and **SISTEMA AZUD – SPAIN**, a European major in Irrigation & Filtration Systems, part of Wind group of Spain engaged in research, manufacturing and commercialization of high performance agricultural products and services for the past 25 years.

HARVEL AGUA INDIA PRIVATE LIMITED

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Group Companies



Accreditations & Certifications

ISO 9001:2015 | ISO 14001:2004 | OHSAS 18001:2007