

## MAXI DRIP

This simple and efficient system is the solution to take advantages of the drip irrigation without its disadvantages:

- Water saving
- Heavy water tolerance
- Simplified filtration
- Easy to install
- Low cost
- Large range of discharges
- Adapted to long lines
- Reliability of the brass drippers
- Suit to big water demand

This system consists of:

- a brass distributor with a very precisely drilled orifice (machining precision 1/100 mm). The large range of diameter's orifice allows to match the discharge calculated for the irrigation project (for special diameters, please contact us).
- An antispash ring made of polyolefines which fit together with the brass dripper enabling a good water distribution and making a protect cap against outside particles.

Use:

- When the soil condition, climate, and crop require the use of localised watering system.
- When the filtration system is rudimentary and water not fully cleaned.
- When the water volume supplied by a classical drip irrigation system are not sufficient compared to the needs of the crop (hot and dry weather, wind).
- When the foliage parts of the crop must not be in contact with water (cryptogamical and bacteriological diseases).
- When flexible and easy setting are required and the lines to irrigate are long (changing of the distributor's diameters on the line).

Spacing:

Usually for fruit farming irrigation. It is recommended to install one line of distributors par tree line (except on clay soil when lines are closed to each other). When the installer chooses to put to put the same diameter for all the distributors of a line, this line must not be too long. It is possible to irrigate longer lines by using several diameters of outlets (150 to 200 m) than with a classical drip system all in maintaining the discharge variation close to 10 %



Assembly:

This system is very easy to install. It enables to use standard drip pipe of different diameters.  
You have to pierce the pipe with our special tool and clips the Maxi Drip.

Performances:

- Each dripper is marked with::
- diameter (according to our code)
  - logo of the manufacturer
  - material: Dripper > Brass  
Antispash device > Polyolefines
  - packing: box of 5000 MAXI DRIP (dripper + antispash)
  - Operating pressure: 0.5 to 1.5 bars.

Filtration:

MAXI DRIP is a large orifice dripper requiring a minimum filtration system of 300 to 600  $\mu$  depending on dripper  $\emptyset$ . This filtration is often made of a simple disc filter. Overall, the water discharge flowing through the orifice protects from risk of clogging by deposits of mineral salts contained in the irrigation water.

\*\* Installations and specifications done in the area are made under the responsibility of the installer according to the area Rules and Authorities.

Ø en mm	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
Marking	8	9	0	1	2	3	4	5	6	7
Discharge l/h at 0.5 bars	14.16	18.00	22.88	26.00	30.36	34.32	40.20	45.36	50.04	55.00
Discharge l/h at 1.0 bars	19.84	23.40	30.96	35.44	42.00	49.44	56.04	62.16	68.04	75.60
Discharge in l/h at 1.5 bars	23.53	28.62	37.28	42.56	49.20	58.32	67.92	81.00	86.40	92.40

\* To be used for informational purpose only.