

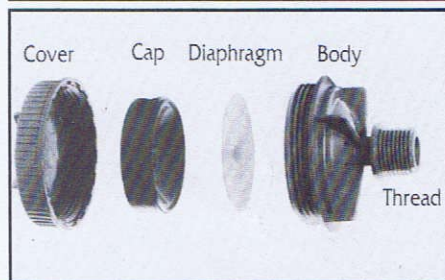
# Products Review

## VACUUM BREAKER

### NETAFIM IRRIGATION EQUIPMENT

**Netafim** Vacuum Breakers do the vital job of introducing air into the irrigation system. This prevents excessive vacuum build-up, leading to pipe collapse and intake of mud through the drippers. Conversely, when the system fills with irrigation water, it releases air, facilitating speedy water intake.

The structure is simple with four easily assembled parts, ensuring reliable operation. The large orifice means fast air passage and the material is fertilizer and chemical resistant.



#### Technical Specifications:

##### Raw Material

##### Cover & Body

Nylon reinforced w/fiber glass  
UV resistance

##### Cap:

Polypropylene

**Diaphragm:** Silicone rubber  
**Male thread:** 1/2" NPT/BSPT  
**Maximum working pressure:** 4.0 bar  
**Maximum water temperature:** 70° C  
**Leakproof pressure:** 0.2 bar  
**Air suction capacity (max):** 1.7 liter/second

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## RELEASE VALVE

### A.R.I.

#### "GUARDIAN" - AV-010 New Air and Vacuum Release Valve

**A.R.I.**, a leading manufacturer of air release valves, introduces a new innovative air and vacuum release valve for irrigation, agricultural and landscape systems.

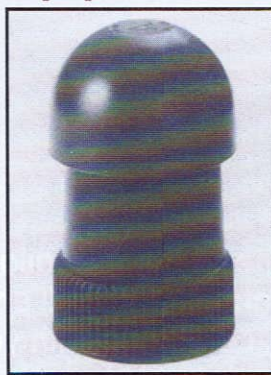
The main advantages of the **GUARDIAN AV-010** are:

- \* New design (allowing only water pressure closure and not air pressure closure)
- \* Maintenance free
- \* Made of non-corrosive materials
- \* Competitively priced

#### Valve operation:

Releases large air quantities from the line when water enters the system, and admits air into the line when draining the system to avoid vacuum.

Proper placement of the **GUARDIAN** in agricultural and landscape systems (after main on/off valve), ensures damage prevention from dripping pipes and helps prevent water hammer in submain lines.



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## INFRASTRUCTURE

### RiS - Resnik Infrastructures Systems Ltd.

**Resnik Infrastructure Systems**, under the management of Eng. Anna Resnik, is a leader in the planning, control and management of municipal and regional infrastructures.

The company uses advanced computerized systems and highly qualified and experienced teams of professionals to produce comprehensive infrastructure systems for municipalities. As municipal infrastructures become more complex, total professionalism, supported by the establishment of flexible information systems is the key to efficient budgeting and management.

**RiS** supplies:

- Planning and establishment of computerized information systems.
- Consulting and planning of landscaping development, combined with infrastructure work.
- Compilation of computerized geographic information (GIS) and the establishment of central databases for local authorities.

**RiS** centralizes information on sewerage infrastructures, producing computerized maps to quantify the real scope of blockage problems and enabling the system to work more effectively. The system regularly updates information relating to municipal water supplies, generating statistical reports on all levels that support maintenance and financial planning.

For total solutions, **RiS** computerized municipal information systems collect and centralize data on water sewerage, electricity and telephone infrastructures, leading to greatly increased economies of time and overheads. **RiS** is comprised of a team of leading hydrotechnical engineers, systems engineers, measurement engineers, landscape architects and infrastructure data technicians.

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