ROTODISK AUTOMATIC FILTER

Single head auto filter

Multi head auto filter

Rotodisk automatic filters are made from polyamide reinforced with fiberglass and available for 2" and 3" pipe sizes. A complete unit consists of a single Rotodisc or battery assembly, backwash valves, manifolds (inlet, outlet and discharge) and a filter automation kit. Assemblies can be in single units, twin or batteries and are capable of handling high filtration volumes while maintaining great portability and a small footprint. Flow rates range from 24m³/hr to 640m³/hr. Features include:

- Self-cleaning
- Stainless steel clamp for easy servicing
- Maximum working pressure: 10bar at 20°C.
- Filtering element: Disk with deflector
- Filtration surface: 1400cm² for single head model and 2800cm² for twin model
- Filtration grade: 75, 120 and 155 mesh with 120 recommended for irrigation applications.
- Minimum backwash pressure: 2.8 bar

LOW PRESSURE VALVES

Low pressure solenoid irrigation valves for automation of low pressure systems especially drip kits and kitchen gardens. They are of plastic construction and fitted with a 24VAC actuating solenoid.

Operating Pressure Range: 0.05 bar to 1.0 bar.
Flow Rate: 0.05 to 5m³/hr
Connection: 1" Female thread

NUTRIGATION AND AUTOMATION EQUIPMENT

Irrigation controllers and nutrigation equipment offering a wide range of options from the basic analog time and flow based controllers to more complex digital EC and pH monitoring equipment.

The Commander series of controllers and fertilizer injectors offers precise fertilizer and acid injection into irrigation systems and are suitable for both large and small scale in either soil or hydroponic applications. They are adaptable to both cable and radio frequency control applications. Specifications include;

- Maximum number of irrigation valves: 216
- Maximum outlet port connections on radio: 96
- Maximum digital outputs: 1 water meter, 6 fertilizer meters, 1 differential pressure gauge, 10 configurable.
- Analogue input options: temperature, solar radiation, EC, pH.
- Pump management: 1 master pump and up to 4 auxiliary pumps.
- Injection channels: up to 6 for both EC and pH.
- Backwash filter management: up to 10 filters.
- Programmer power supply options: 230VAC and 12VDC.
- Output power: 12VAC, 12VDC
- Communication: GPRS, WI-FI, Ethernet with web interface.

DAVIS & SHORTLIFF

P1 16mm DRIPLINE

Light drip line is of lay-flat type that provides excellent performance, reliability and versatility. The flat dripper design gives low localized head losses resulting in high uniformity of application along the drip line thus allowing longer lateral lines. Specifications include;

- Available in emitter spacings: 20, 30, 40, 50 and 60cm
- Wall thickness: 0.2, 0.3, 0.4, 0.45, 0.6mm
- Pressure range: 0.9 to 2 bar.
- Can be used for sub-surface irrigation.

PERFORMANCE TABLE

Q LPH	EU %	Spacing (cm 20	30	40	50	60
0.60	90	210	272	326	376	423
	85	260	336	404	465	523
0.80	90	172	223	268	309	346
	85	214	276	332	383	430
1.10	90	140	181	218	251	282
	85	173	224	269	311	349
1.50	90	117	151	181	209	234
	85	144	186	224	258	290
2.10	90	96	124	149	172	193
	85	119	154	185	213	239