



80 SERIES REINFORCED NYLON CONTROL VALVES

DESCRIPTION

Globe and angle plastic valves of the 80 series, equipped with a fully supported diaphragm, guarantee rapid and precise control of irrigation systems.



APPLICATIONS

Innovative valve series (1.5" – 4"R) specially designed to operate and protect irrigation networks in open fields, greenhouses, hydroponics and mist systems.

BENEFITS

- **Optimal Protection**
Tight closing & quick opening is achieved by a rigid plug mechanism that is suitable for high pressure applications and responds rapidly to water pressure fluctuations.
- **Efficient Installation**
The valves are available in both globe and angle shapes and therefore eliminate the use of elbow joints and extending pipelines.
- **Extensive Flexibility**
Available with full range of control functions, various end connections and a selection of 2 way and 3 way bonnets with integral accessories.

TECHNICAL SPECIFICATIONS

- Maximum pressure – 10 bar (145 psi)
- Minimum recommended flow – 1 m³/h (5 gpm)
- Minimum operating pressure – 0.7 bar (10 psi)
- Maximum operating temperature – 70°C (160°F)

PARTS AND MATERIALS

#	PART	STANDARD
1	Body	Reinforced Nylon
2	Bonnet	Reinforced Nylon
3	Diaphragm	Natural Rubber
4	Spring seat	Nitrile Rubber
5	Spring	SST 302



