RAF-P 31P

Electric Plastic Control Valve (N.C.)

3-W Plastic Solenoid

The **RAF- P 31P** electric valve is a Normally Closed (N.C.) line pressure hydraulically actuated.
The 3-W solenoid valve changes positions:
The **RAF-P 31** valve opens when 3-W plastic solenoid valve is energized.
The **RAF- P 31P** shuts off when 3-W plastic solenoid valve is de-energized.
The 3-W electric solenoid valve configuration together with Raphael's patented diaphragm enables smooth opening and surge free shutoff.



MARKETS



Green house | Landscape | Open field Irrigation

TECHNICAL DATA

Fluid: raw water or filtered water

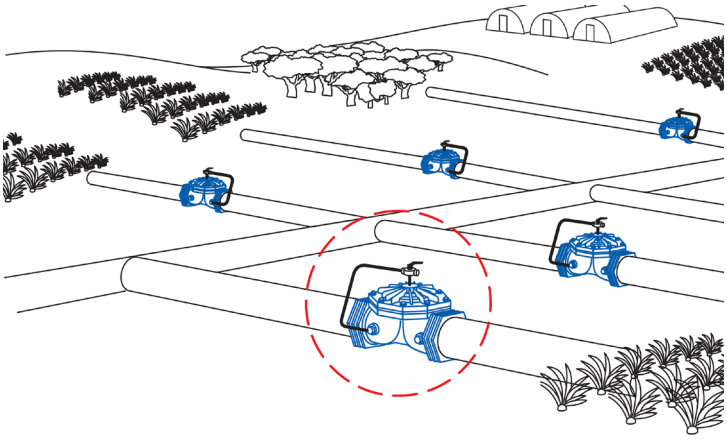
Nominal Diameter (DN): from 40 to 100mm (1.5" to 4")

Available connections end: Flanged, Threaded, grooved

Nominal Pressure (PN): 10 bar

Medium Temperature: up to 70 °C

Body material: glass reinforced nylon



TYPICAL APPLICATIONS

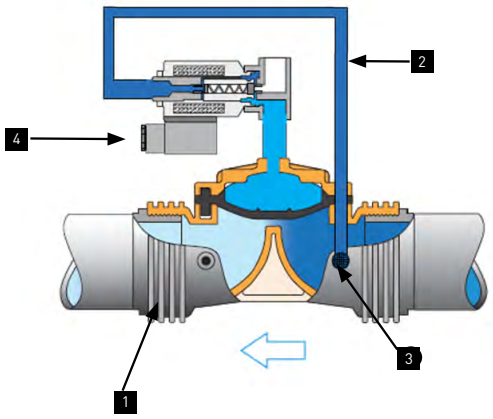
- Irrigation water distribution and field control
- Remote operation of valve by electric command

FEATURES

- Basic RAF-P valve
- Self-cleaning screen filter
- 3-W (N.O.) plastic solenoid 24VAC
- Polyethylene plastic tubing

OPTIONAL FEATURES:

- Pressure Check point
- Glicerin filled pressure gauge
- Normaly closed (N.C.) solenoid (for N.O. valve)
- Power source - 110V, 220V (AC) & 9V, 12V, 24V (DC)
- DC latch solenoid



RAF-P 31P 3-W Electric Plastic Control Valve (N.C.)

Ref	Name
1	RAF-P plastic valve
2	Plastic Tubing
3	Self-cleaning screen filter
4	Solenoid (N.O.) 24V (AC)

Nominal Diameter		Max. Flow Rate	
mm	inch	m3/h	gpm
40	1.5	35	154
50	2	35	154
65	2.5	47	207
80	3	47	207
80S	3S	111	489
100	4	111	489

Nominal diameter only, for full dimensions please refer to engineering bulletin.