

RAF-P 63

Pressure Reducing Control Valve 3-W Plastic Pilot

Pressure rating PN-10

Nominal Diameter 1 1/2" - 5"

The **RAF-P 63** pressure reducing valve is line pressure hydraulically actuated, 3-W plastic valve. The **RAF-P 63** maintains a constant downstream set pressure, regardless of flow changes or upstream pressure fluctuations. The 3-W plastic pilot configuration together with Raphael's patented diaphragm enables smooth and precise downstream pressure control.

Typical Applications

RAF-P 63 is best for irrigation, water treatment circulation and filtration network.

The 3-W plastic pilot has a simple design that provides high corrosion resistance and cost effective price.

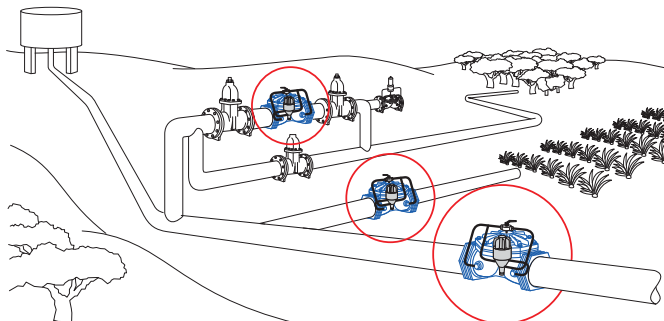


Standard Controls

RAF-P 63 pressure reducing valve controls with Raphael's 3-W plastic pilot, polyethylene plastic tubing and nylon fittings.

Adjustments

Downstream pressure adjustment up to 7 bars. For pressure setting by pilot screw adjustment, please refer to available springs list.



RAF-P Series | Irrigation

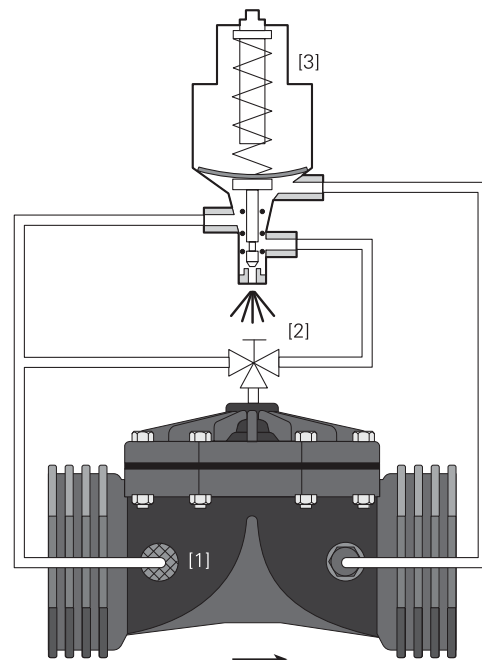


Features

- Basic RAF-P valve
- Self-cleaning screen filter
- 3-W plastic pilot PC
- 3-W cock valve
- Polyethylene plastic tubing
- Pressure check point

Optional Features

- Large capacity external filter
- Glycerin filled pressure gauge



RAF-P 63 Pressure Reducing Control Valve

Part list

- [1] Self-cleaning screen filter
- [2] 3-W cock valve
- [3] 3-W plastic pilot PC

Recommended Flow

Nominal Diameter		Min flow Rate		Max flow Rate	
[Inch]	[mm]	[m³/h]	[gpm]	[m³/h]	[gpm]
1.5"	40	3	13	25	110
2"	50	3	13	25	110
2"S	50S	8	35	45	198
2.5"	65	8	35	45	198
3"	80	8	35	45	198
3"S	80S	10	44	120	528
4"	100	10	44	120	528
5"	125	10	44	120	528

For full dimensions please refer to engineering bulletin.

Spring Selection

Plastic pilot PC

	Grey Default	Green	Blue
[bar]	2.5-7	1-2.5	0.5-1.5
[psi]	35-100	14-35	7-22

On/Off

PRV

PSV

Pilots and Accessories

Engineering bulletin