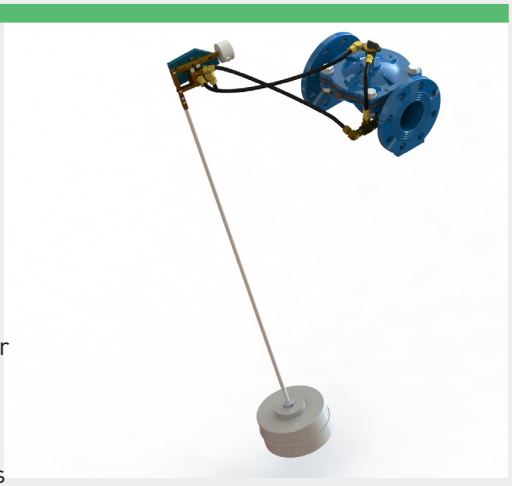
RAF 13

Bi-Level Float Control Valve

3-W Float Pilot



The RAF 13 is activated by line pressure and controls by a float pilot.
The valve opens at a low preset water level and closes at a high preset water level. Therefore, there is no need for energy other than line pressure.
The RAF 13 allows filling and draining of a reservoir or a water tank in a level range that can be easily changed.
The RAF 13 stays in its last position (fully open or fully close) as long as the water level is in between minimum and maximum preset levels.

Maximal Nominal Pressure: 16 bar

Setting Range: 0.6 to 6 bar

MARKETS

Green house

Landscape

Mechanised Irrigation

Open field Irrigation

Water Transmission

Fluid: raw water or filtered water

Nominal Diameter (DN):
from 25 to 350 mm (1" to 14")

Available connections: Flanged, Threaded or Grooved

Nominal Pressure (PN):
16 bar

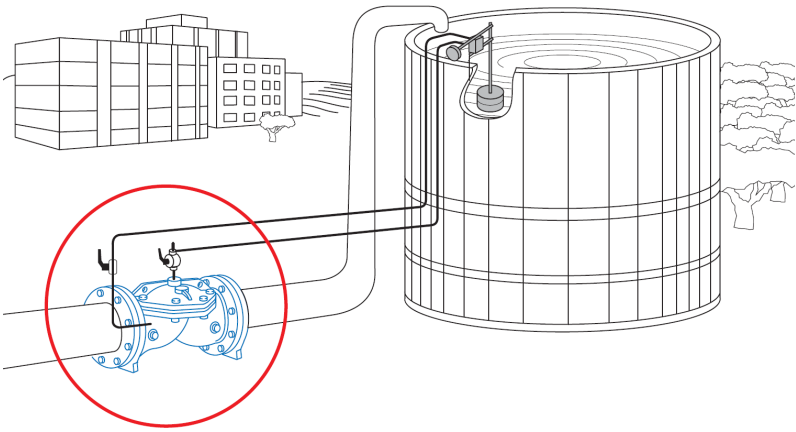
Medium Temperature:
up to 70 °C

Body material: Ductile Iron

Standard Controls: Foat level control valve controls with Raphael's 3-W float pilot.
The vertical water level changes are conveyed to the float.

APPROVALS

W/O



TYPICAL APPLICATIONS

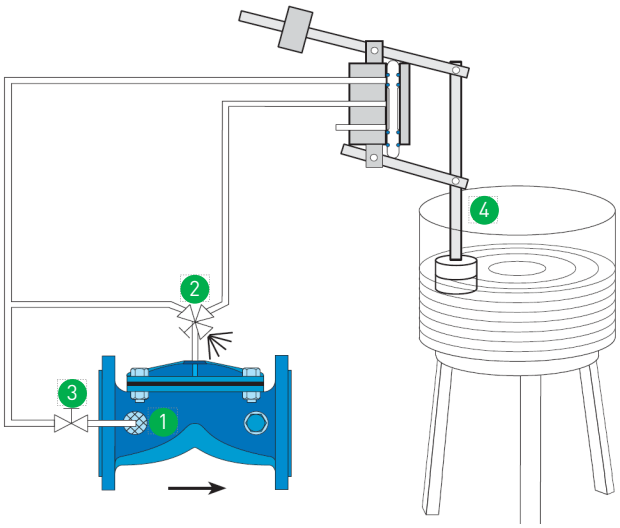
- Control filling of reservoirs and water tanks, in any situation taht water level is controlled.
- Best fit where On/Off non-modulating valve operation is essential. Due to its simple design,it is virtually maintenance free.

FEATURES

- RAF valve two-layered Epoxy-polyester coated
- Self-cleaning screen filter
- 2-W brass pilot P-10
- Brass float arm
- Stainless steel float
- 2-W selecting cock valve
- Needle valve
- Reinfor

OPTIONAL FEATURES:

- Rilsan internal coating
- Large capacity external filter
- Stainless steel pilot P-10
- Copper and stainless steel tubing



RAF-10 2-W Bi-Level Float Control Valve

Ref	Name
1	Self-cleaning screen filter
2	3-W valve
3	Cock valve
4	3-W Float pilot assembly

Nominal Diameter		Recommended Flow Rate [m³/h]	
mm	inch	Min.	Max.
25	1	20	28
40	1.5	25	35
50	2	45	60
65	2.5	60	80
80D	3D	70	100
80	3	90	120
100D	4D	90	120
100	4	150	180
125D	5D	150	200
150D	6D	150	200
150	6	320	400
200	8	550	750
250	10	950	1150
300	12	1200	1700
350	14	1400	1700

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