ROJO FLOAT VALVE
PRODUCT INFO



ROJO FLOAT VALVE

Intertek 5002993
Conforms to NSF/ANSI STD 372

20 L / MIN

Description

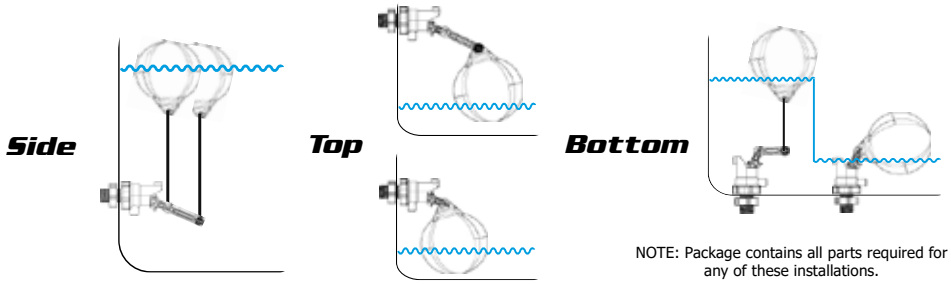
Rojo Float Valves are float operated valves for automatic filling of water storage vessels. The Rojo can be **mounted above or below water level**. It is a simple mechanically operated valve. The Rojo is a good choice where its **low flow** is sufficient and its compact non corrosive construction is beneficial.

Applications

Maintaining water levels in:

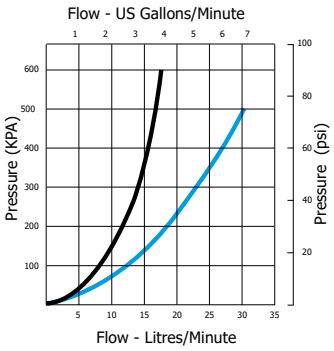
- Animal drinking troughs
- Water storage tanks
- Water Cisterns
- Process applications

Mounting Positions



NOTE: Package contains all parts required for any of these installations.

Flow Graph



Key
■ Standard
■ Low Pressure

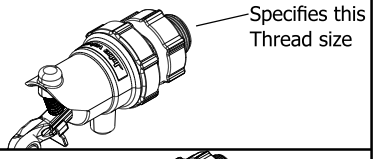
Features

- Side, Bottom, Top Mounting
- Valve body screws apart by hand for easy servicing
- Flow stops when unscrewed for servicing
- Supplied with backnut and seal washer
- Built in check valve
- Fully adjustable float angle
- Pressure range 0-10 Bar (0-150 PSI)
- Low pressure model also available 0-5 Bar(0-75 psi) gives 60% more flow
- Non corrosive material construction
- Has switch to lock valve in off position

Options

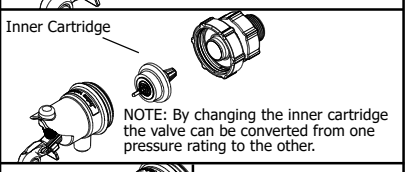
Inlet sizes:

8mm	¼" bsp/npt
15mm	½" bsp/npt
20mm	¾" bsp/npt



Pressure Rating:

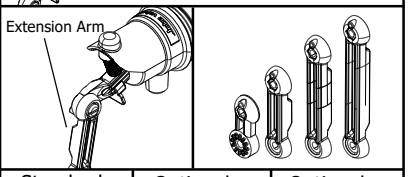
STD	0 Bar(0 PSI)	-	10 Bar (150 PSI)
HF	0 Bar(0 PSI)	-	5 Bar (75 PSI)



NOTE: By changing the inner cartridge the valve can be converted from one pressure rating to the other.

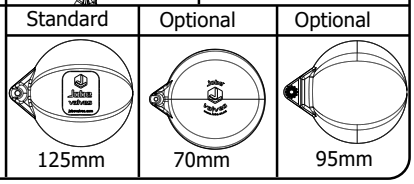
Extension Arms:
75mm Extension Arm supplied Standard

Available Extension Arm Lengths:
25mm 50mm 75mm 100mm



Floats: 125mm wide floats supplied standard.
Note: Suitable for any mounting position

70mm and 95mm floats optional
Note: Suitable for top entry only.



ROJO FLOAT VALVE SPECIFICATION

PRODUCT	CODE	INLET SIZE	CODE		OPTIONS	CODE
Rojo Float valve	RJV		BSP	NPT	Low pressure	HF
		¼"	8	0025	25mm Extn Arm	A25
		½"	15	0050	50mm Extn Arm	A50
		¾"	20	0125	75mm Extn Arm	A75
					100mm Extn Arm	A100
					70mm wide Float	F70
					95mm wide Float	F95

(e.g) A Rojo Float Valve with: ¾" bsp inlet, 100mm Extn Arm, 95mm Float has the following spec number: RJV 20 A100 F95 NOTE: If no options are specified the standard ones will be supplied

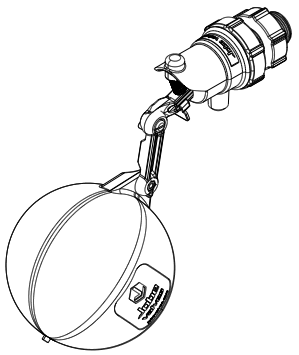
Note: Product may differ slightly from these specs due to ongoing product development.

ROJO FLOAT VALVE
DIMENSIONS AND MATERIALS

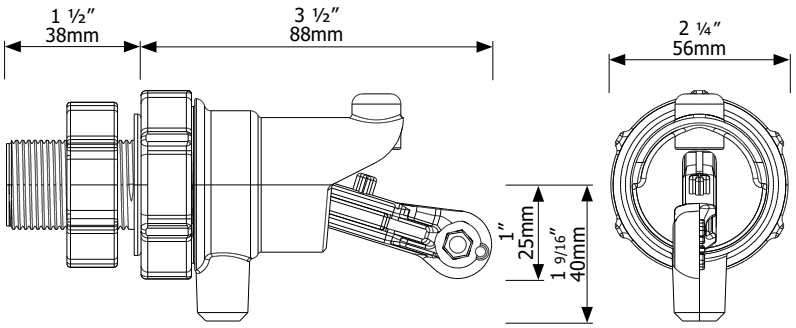
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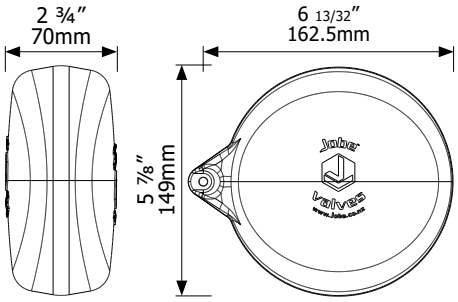
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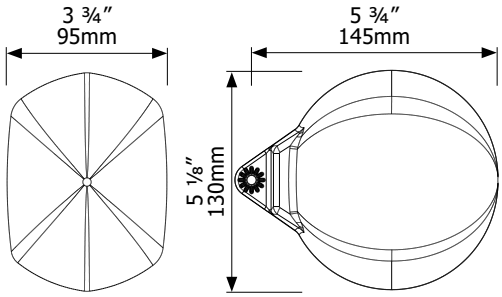
Rojo Dimensions



Float Dimensions

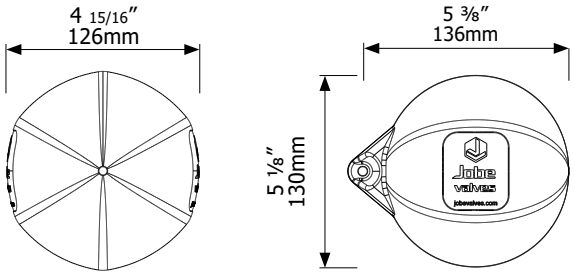


70mm Float



95mm Float

Note: 70mm & 95mm floats are suitable for top entry only.



125mm Float (Standard)

Part	Material	Part	Material
Valve Body	*ABS*	***Seal Washer***	*LDPE*
Tail & Nut Arm Extension Arms Internal Black Mouldings	*Glass Filled Nylon*	***Springs Bolts Nuts***	*304 Stainless Steel*
		O'Rings	*Nitrile*
Yellow Valve Parts Filter	*Acetal*	***Float Cord***	*Polyester*
Float	*HDPE*		

Maximum Operating Temperature	60ºC, 140ºF

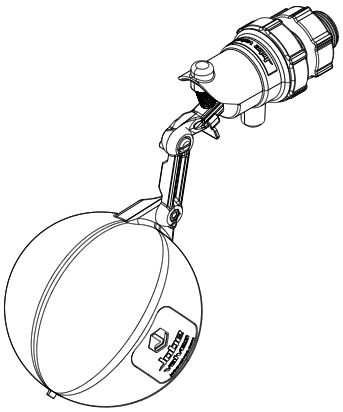
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ROJO FLOAT VALVE
PARTS IDENTIFICATION SHEET

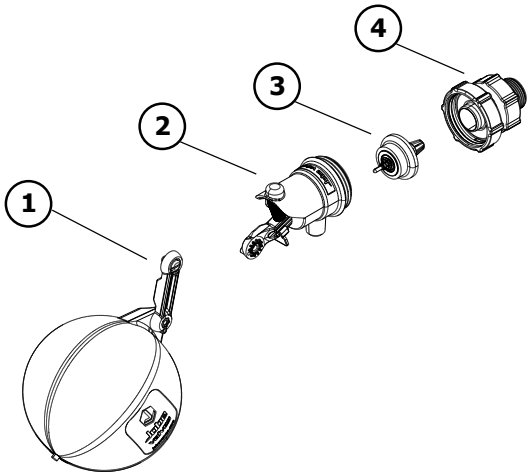
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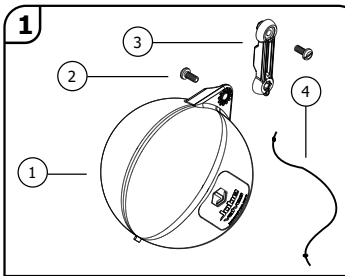


CODE: RJV



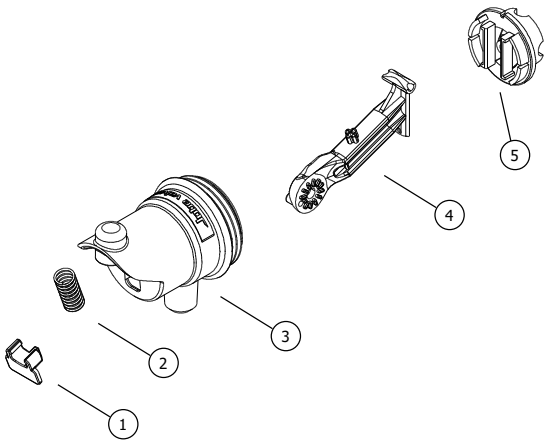
	CODE	DESCRIPTION
1	RJP1	Float & Connection
2	RJP2A	Body Assembly
3	RJP3A	Inner Cartridge Assembly
	RJP3B	Inner Cartridge Assembly High Flow (L/P)
4	RJP415	15mm (½") Tail Assembly
	RJP420	20mm (¾") Tail Assembly
	RJP420E	20mm (¾") NPT Tail Assembly

1



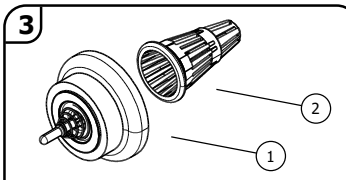
	CODE	DESCRIPTION
1	RJP1010	70mm Float
	RJP1011	95mm Float
	RJP1012	125mm Float
2	RJP1020A	Arm Bolt Slot
	RJP1020B	Arm Bolt Phillips
3	RJP1030	Extension Arm 25mm
	RJP1031	Extension Arm 50mm
	RJP1032	Extension Arm 75mm
	RJP1033	Extension Arm 100mm
4	RJP1040	Float Cord

2



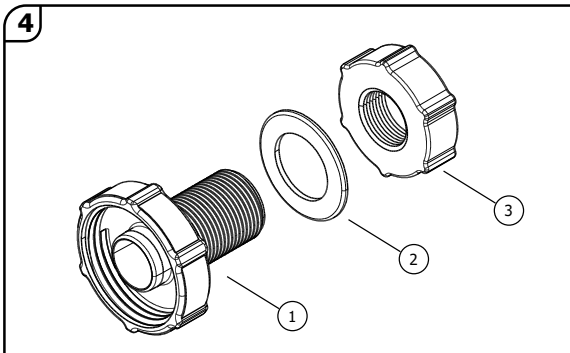
	CODE	DESCRIPTION
1	RJP2010	Lock-Off Switch
2	RJP2020	Arm Spring
3	RJP2030	Body
4	RJP2040	Arm Assembly
	RJP2041	Arm Assembly (HF)
5	RJP2050	Retainer

3



	CODE	DESCRIPTION
1	RJP3010	Inner Cartridge Std
	RJP3011	Inner Cartridge High Flow (LP)
2	RJP3020	Filter

4



	CODE	DESCRIPTION
1	RJP4009	8mm (¼) Tail
	RJP4010	15mm (½") Tail
	RJP4011	20mm (¾") Tail
	RJP4012	20mm (¾") Tail NPT
2	RJP4020	15mm Seal Washer
	RJP4021	20mm Seal Washer
3	RJP4030	15mm (½") Backing Nut
	RJP4131	20mm (¾") Backing Nut