

# Jobe™

## RESERVOIR VALVE



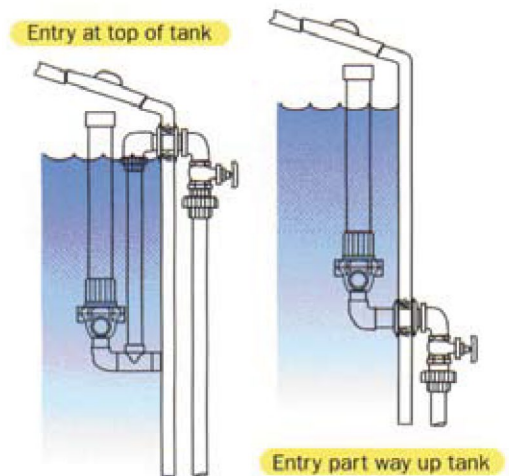
### Fitting Instructions

- Flush pipelines thoroughly before fitting valve.
- Apply thread seal tape to all joints.
- Ensure valve is mounted vertically.
- Top inlet position, constructed PVC pipe.
- Gooseneck fitting as per diagram.
- Fit an inline filter before valve for grit protection.

### Top Inlet Pipe Fittings For Installation

- 1 PVC Plain 90° Elbow
- 1 PVC 90° Faucet Elbow
- 1 PVC Tee
- 1 PVC End Cap
- 1 PVC Socket Union
- 1 Metre PVC Pipe
- Using PVC solvent, glue parts together as shown in the diagram opposite.

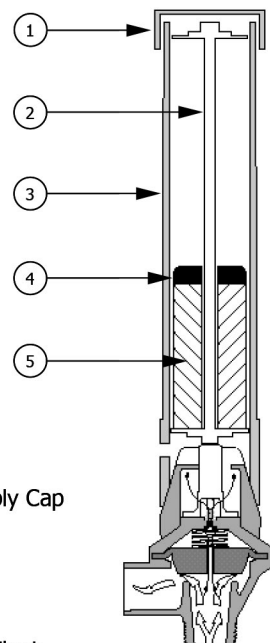
### Mounting Positions



### Valve Operation

- When float reaches the top of the shaft valve closes.
- The shaft is lifted of the starting mechanism and start valve closes on the O' ring seal.
- Water pressure builds up behind diaphragm in upper cavity and shuts water flow off.
- When valve is closed allow for 15 PSI (103kpa) above normal working pressure to keep valve closed until float travels to the bottom of the shaft.
- The combined shaft and float weight will activate the starting valve and release pressure in upper cavity allowing the water line pressure to overcome the internal pressure and allow a full flow.
- Should valve open before float has travelled to bottom of shaft, the line pressure will be lower than 15 PSI (103 kpa) which could be caused by a second Reservoir on line or any other draw off including leaks.
- when a number of Reservoir are fitted in a system at varying levels the lower level valves will require extra weight to start as pressure can be as high as 100 PSI (689 kpa).

This weight must only be added to the float assembly



1. Float Assembly Cap
2. Float Shaft
3. Housing
4. Weight Case
5. Polystyrene Float

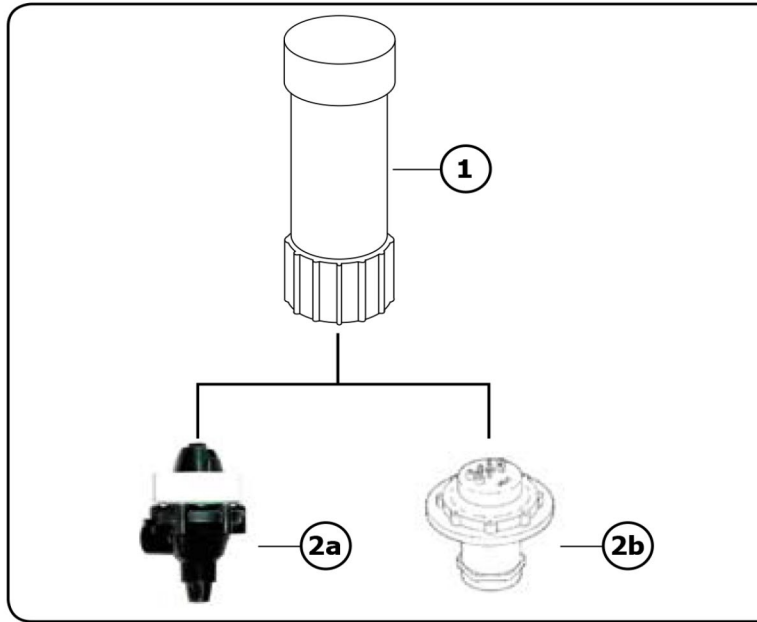
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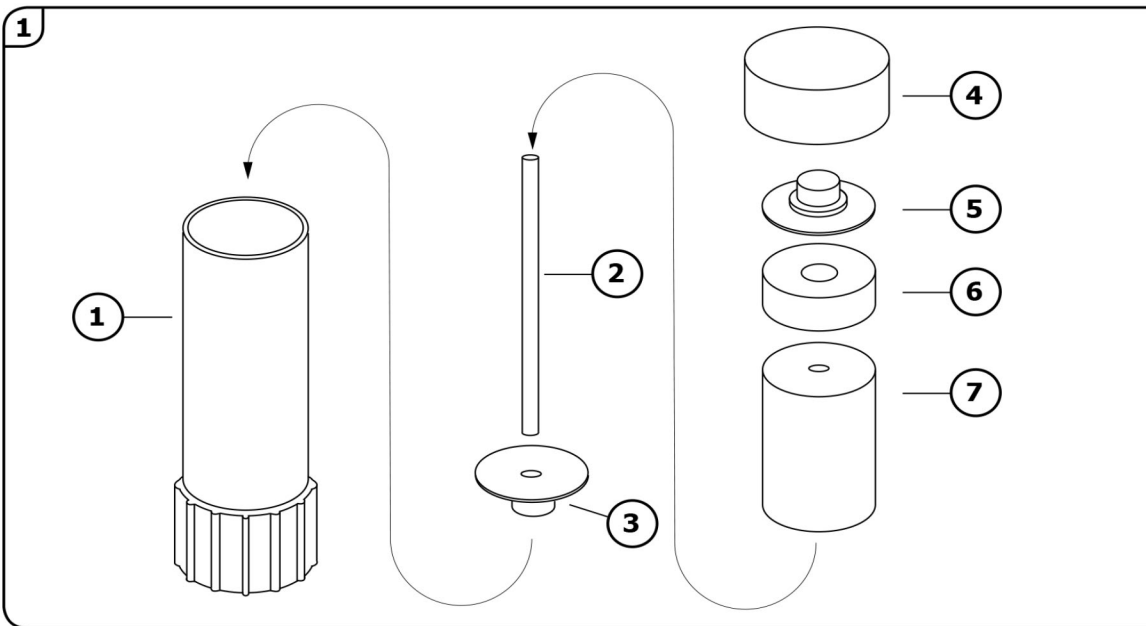
# RESERVOIR VALVE PARTS



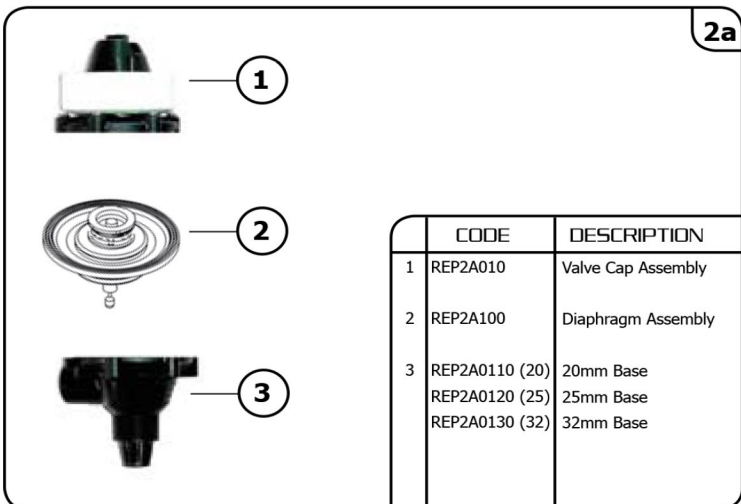
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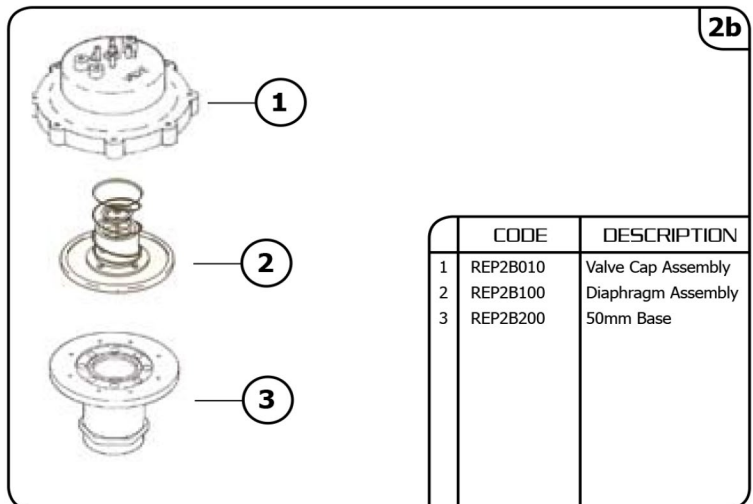
CODE	DESCRIPTION
1	REP1D100 Float Case Assembly 100mm (350mm long)
	REP1D300 Float Case Assembly 300mm (475mm long)
	REP1D600 Float Case Assembly 600mm (790mm long)
2a	REP2AI20 Valve Body 20mm
	REP2AI25 Valve Body 25mm
	REP2AI32 Valve Body 32mm
	REP2BI50 Valve Body 50mm



CODE	DESCRIPTION
1	REP1060 Float Case 100mm
	REP1062 Float Case 300mm
	REP1064 Float Case 600mm
2	REP1050 Float Shaft Assembly 100mm
	REP1052 Float Shaft Assembly 300mm
	REP1054 Float Shaft Assembly 600mm
3	REP1020 Float Shaft Cap
4	REP1010 Float Case Cap
5	REP1020 Float Shaft Cap
6	REP1030 Weight
7	REP1040 Float



CODE	DESCRIPTION
1	REP2A010 Valve Cap Assembly
2	REP2A100 Diaphragm Assembly
3	REP2A0110 (20) 20mm Base
	REP2A0120 (25) 25mm Base
	REP2A0130 (32) 32mm Base



CODE	DESCRIPTION
1	REP2B010 Valve Cap Assembly
2	REP2B100 Diaphragm Assembly
3	REP2B200 50mm Base