

4 TROUBLESHOOTER

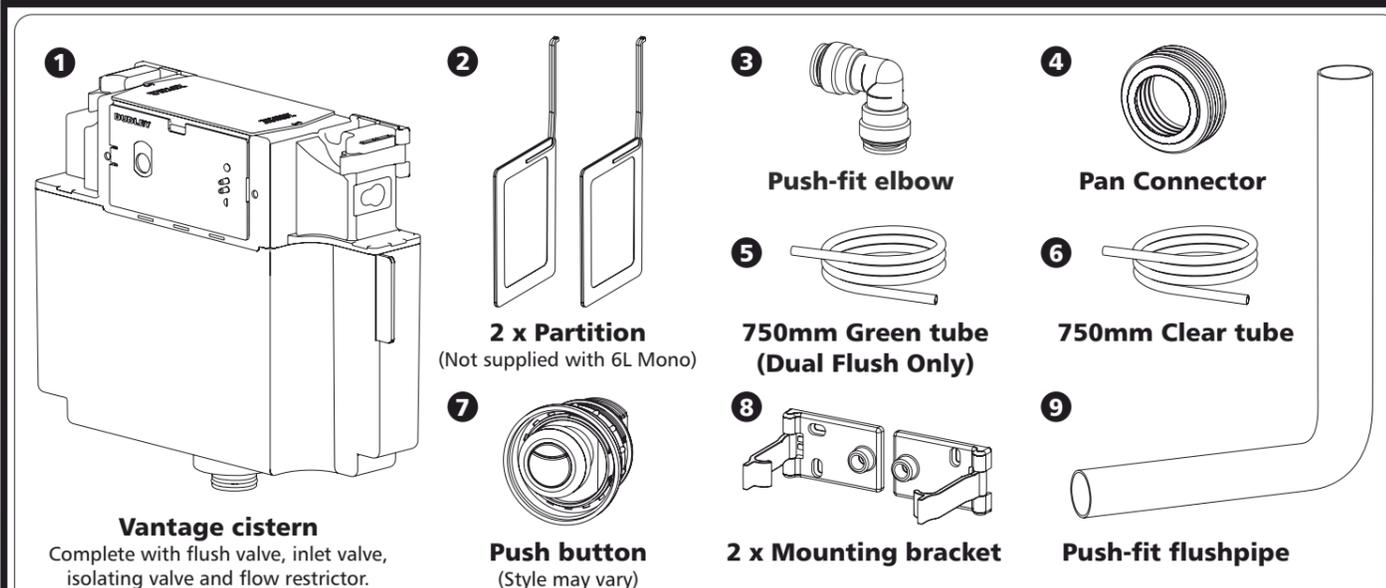
Symptom	Possible Cause	Remedy
No water flow from inlet valve.	Mains supply tap not open. Isolating valve not open Filter blocked Float arm not free to move Float stuck on/in float chamber	Open supply tap. Open isolating valve. Remove filter and clean. Mount valve correctly, straighten bent float stem. Adjust float/float chamber height (ensure float remains inside float chamber at all times).
Inlet valve not shutting off.	Seal missing on float lever arm Filter and 'O' ring missing Valve has become dislodged from mounting bracket Float chamber/float set too high Float lever arm dislodged from mounting Front nut loose Blue restrictor not fitted at very high mains pressure Monitoring pin seized	Replace seal in arm. Replace filter and 'O' ring. Re-engage valve in bracket. Adjust float chamber/float position. Re-fit or replace lever arm. Tighten nut. Fit blue restrictor. Replace diaphragm assembly.
Low flow from inlet valve.	Blue restrictor fitted when water supply is tank fed Filter blocked	Remove blue restrictor. Clean filter.
Turbulent and noisy flow from inlet valve.	Blue restrictor not fitted when water supply is mains fed Lay flat tube missing Lay flat tube not hanging vertically	Fit blue restrictor. Replace lay flat tube. Re-fit lay flat tube.
Internally overflowing.	Inlet valve not shutting off Water level set too high	See 'B' above. Lower float on inlet valve.
Outlet valve not closing. (Water continually running into pan).	Bellows not evacuating all air Build up of debris on seal face of housing or seal	Relieve by removing pipe to valve. Clean surfaces.
Outlet valve closing before full volume delivered.	Seal not clearing window Lack of air to inflate bellows Push button leaking Bellows poorly fitted to lever mount	Check for leaks on bellows and push button. Check push button for leaks. Replace push button. Push-fit bellows into lever mount.
Outlet valve not operating with push button.	Pneumatic pipes not connected Bellows poorly fitted to lever mount Bellows leaking Push button leaking	Re-connect pipes. Push-fit bellows into lever mount. Replace bellows. Replace push button.
Leaking from flush pipe connection.	Damaged 'O' rings on cistern outlet Flush pipe seam protruding Flush pipe cut at angle Flush pipe cracked	Replace 'O' rings. Trim seam with knife. Replace flush pipe and cut square. Replace flush pipe.
Partial flush volume when operating full flush button.	Wrong position of pneumatic pipes	Substitute pipes.
Full flush volume when operating partial flush button.	Adjustable weight not retained on locating studs Wrong position of pneumatic pipes	Re-connect weight. Substitute pipes.
Button sticking on Vantage with Niagara valve.	Collet not located correctly	Ensure collet is fully engaged.

Vantage

Concealed WC Cistern Installation Instructions



PACK CONTENTS



 **Dudley**
Water saving solutions

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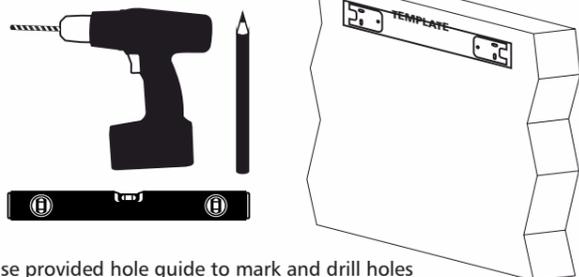
www.dudleybathroomproducts.co.uk

Thomas Dudley Ltd, P.O.Box 28, Birmingham New Road, Dudley, West Midlands, DY1 4SN

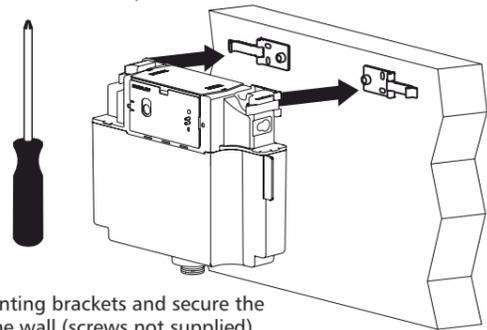
1 VANTAGE CISTERN INSTALLATION

Fit Vantage cistern to wall

Note: Prior to installation ensure there is sufficient space for the Vantage to be installed

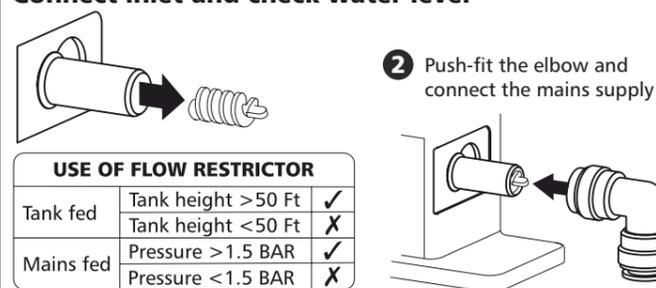


- Use provided hole guide to mark and drill holes to suit No.8 CSK screws ensuring template is level (Guide located on front flap of box)

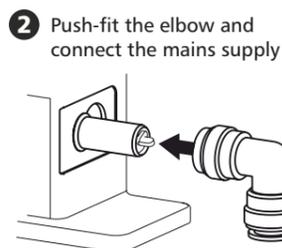


- Fit the mounting brackets and secure the cistern to the wall (screws not supplied)

Connect inlet and check water level



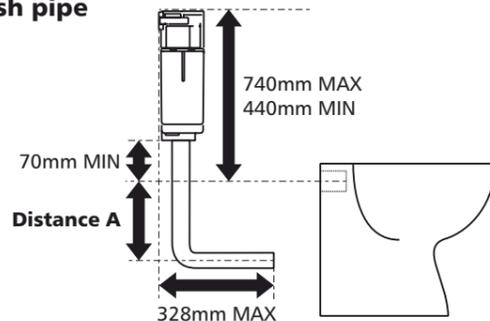
- Remove factory fitted flow restrictor if necessary (See table above)



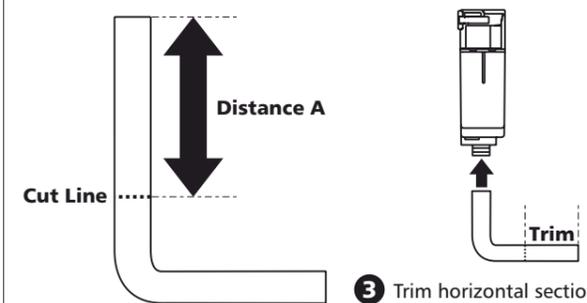
- Push-fit the elbow and connect the mains supply

USE OF FLOW RESTRICTOR		
Tank fed	Tank height > 50 Ft	✓
	Tank height < 50 Ft	✗
Mains fed	Pressure > 1.5 BAR	✓
	Pressure < 1.5 BAR	✗

Fit flush pipe



- Fit flush pipe to Vantage cistern and measure **Distance A**



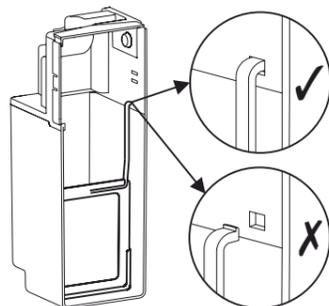
- Cut **Distance A** from larger diameter section of flush pipe
- Trim horizontal section of flush pipe to suit WC pan installation. Re-fit flush pipe to Vantage cistern and connect to WC pan

Converting the Vantage cistern flush capacity (if required)

- Fit or remove partitions as required

Dual Flush
6/4 Litre - No Partitions ✓
5/3 Litre - One Partition ✗
4/2.6 Litre - Two Partitions ✗

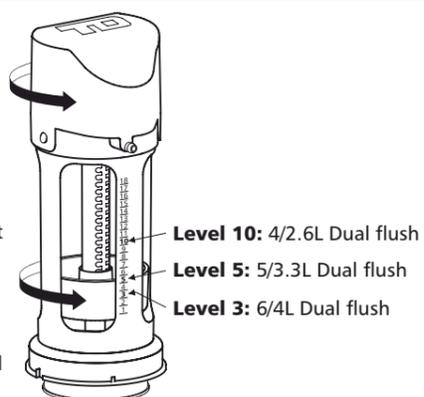
Mono Flush
6 Litre - No Partitions ✓
5 Litre - One Partition ✗
4 Litre - Two Partitions ✗



- Configure Niagara valve

Remove Niagara Valve
Twist Niagara valve anti-clockwise to release from Vantage cistern
Reverse operation to re-fit

Adjust weight
Twist adjustable weight anti-clockwise to unlock
Slide to required level and relock into position



WARNING: No sealing compound, paste, flux or solvent to be used in contact with plastic or rubber surfaces to avoid damage. Rubber washers or 'O' rings should provide an adequate seal. PTFE tape may be used on threads. Do not over tighten plastic nuts.
No chemical block or additive is to be used in this cistern.

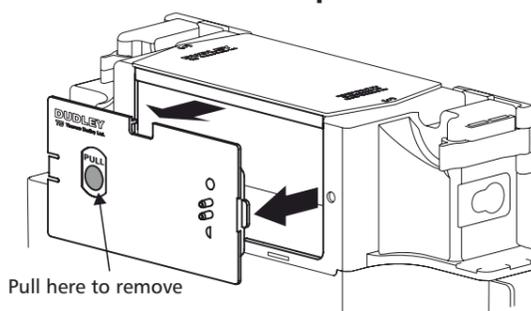
FINAL INSTALLATION CHECK LIST:

- Check all moving components operate freely and the inlet valve shuts off correctly.
- If overflowing or poor flushing subsequently occurs, check that the float and arm move freely up and down and that the water level is correct.
- Check all joints are tightened correctly.
- Check carefully for leaks.
- Hold the inlet valve float down, causing the cistern to internally overflow. Ensure the overflow pipe is capable of discharging all incoming water without the cistern overflowing. If water overflows the cistern make sure that the flow restrictor is fitted. If overflowing persists contact:

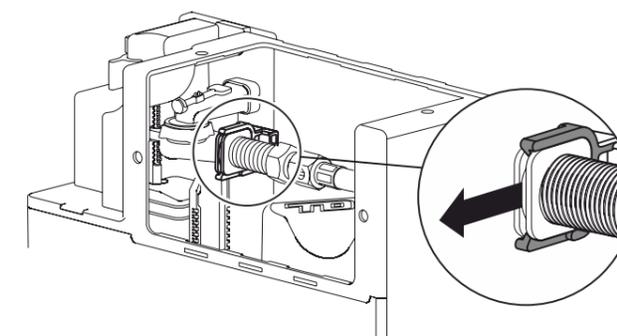
Technical Help @ Thomas Dudley Ltd on 0121 530 7000

2 VANTAGE CISTERN MAINTENANCE

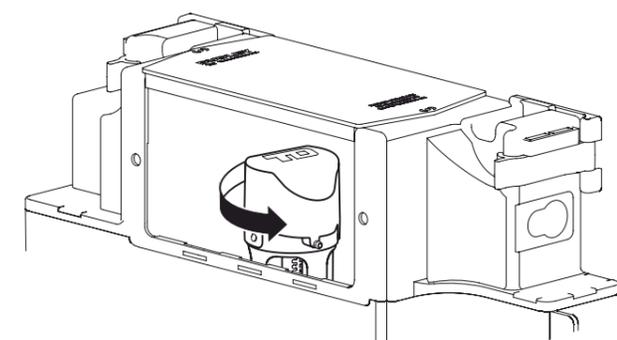
Removal of internal components



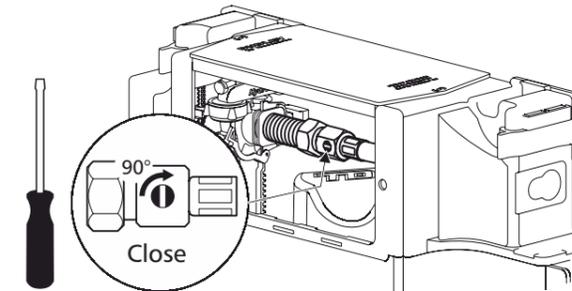
- Remove front service cover



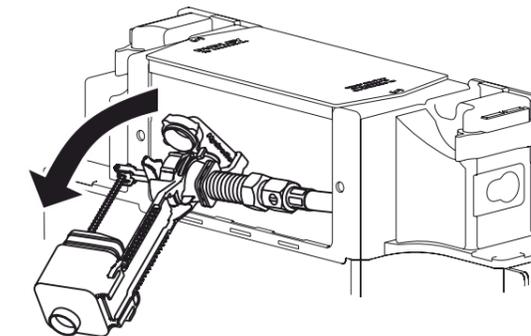
- Remove the Hydroflo valve from mounting clip



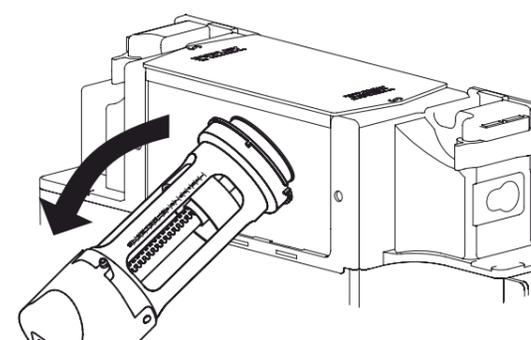
- Twist the Niagara valve anti-clockwise to release



- Close isolation valve and flush to empty cistern

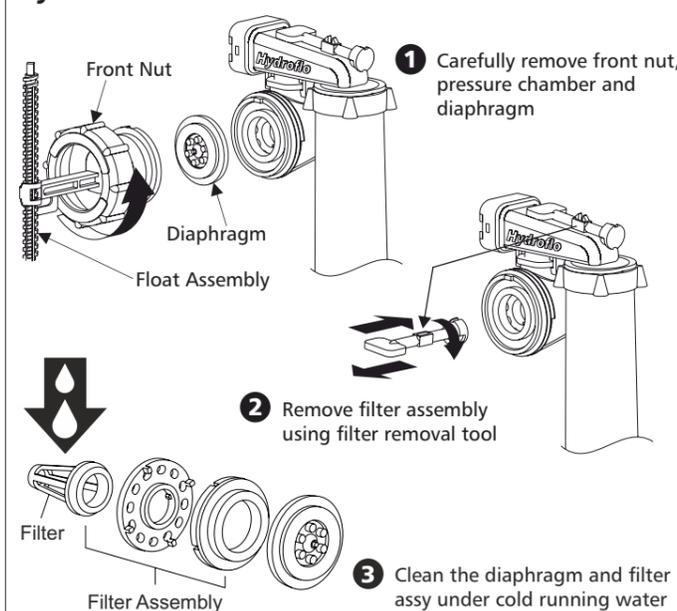


- Remove the Hydroflo valve through the service aperture



- Remove the Niagara valve through the service aperture

Hydroflo inlet valve maintenance



Niagara outlet valve maintenance

