Concealed Cistern Installation Instructions

Please leave this instruction leaflet with the end user

PACK CONTENTS

CHANGING CISTERN CAPACITY

PARTITIONS & CISTERN CAPACITY

MAINTENANCE: INLET VALVE

MAINTENANCE: OUTLET

INSTALLATION CHECKLIST / TROUBLESHOOTING

Leaks: Check that all connections are fully tightened and that there are no leaks.
Inlet Valve: Check the float is free to move and that the valve shuts off when the float is raised. If not, follow the inlet valve maintenance procedure in section 8.
Water Level: Ensure that the actual water level aligns with specified water level mark. If not see section 6.
Overflow: Hold the inlet valve float down until the cistern begins to overflow. Ensure that the overflow pipe is capable of draining all incoming water, without the cistern overflowing. If not, check that the flow restrictor has been fitted. See section 6 for further details on flow restrictors.
Outlet Valve: Check that the outlet valve flushes correctly. If not ensure all moving parts are free to move. Check that there is no water flow into the toilet pan when the outlet valve is shut. If there is, follow the outlet valve maintenance procedure in section 9 to ensure it is sealing correctly. If overflowing persists, contact technical help at Thomas Dudley Ltd. 0121 530 7032

PACK CONTENTS

1. Hanging Bracket
2. Push button (style may vary)
3. Adhesive Hooks x2
4. Flush Pipe Connector
5. Flush Pipe
6. Cistern Lid
7. Clear Tube
8. Green Tube (dual flush only)
9. Miniflo Cistern Assembly (side entry or bottom entry inlet valve)
10. White Flow Restrictor
11. Red Flow Restrictor
12. Partition x2 (not supplied with 6L Mono Flush)

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**CHANGING FEED ORIENTATION**

IMPORTANT: Before installing the Miniflo cistern, check where the inlet valve feed is coming from. The feed orientation can be changed for both side and bottom entry inlet following the steps below. If changing the feed orientation is not required, continue to section 3.

**FITTING THE MINIFLO CISTERN Continued**

Positioning the hanging bracket:

1. To position the cistern draw a line 49mm from the cistern lid to get the position of the hanging bracket. Ensure that there is sufficient space above the cistern to allow for maintenance of the valves.

2. Fit the bracket to the wall using appropriate fixing screws for the application (Fixings NOT supplied). Ensure that the bracket is level.

3. Hang the cistern on the fixing bracket and adjust to suit by moving the cistern side to side.

**FITTING THE FLUSHPIPE**

Step 1: With the cistern in position, push the flush pipe over the o-rings until it hits the dead stop. Ensure that both o-rings have been covered by the pipe.

Step 2: Ensuring the flushpipe is vertical. Measure distance ‘A’ between the centrelines of the pan inlet and the horizontal section of the flushpipe. Note this measurement.

Step 3: Remove the flushpipe and cut distance ‘A’ from the top of the vertical section. Ensure the cut is square and free from burrs.

Step 4: Refit the pipe onto the cistern. Ensure that the pipe again covers the o-rings and hits the dead stop.

**CONNECTING THE TUBES**

Dual & Single Flush: Attach clear tube on the circle side up to dead stop.

Dual Flush Only: Attach green tube on the square side up to dead stop.

Stick adhesive hooks onto the pads in the cistern marked with ‘fix hook here’. Ensure open end of hook is facing up as shown in image.

Route the tubing through the hooks to avoid interference with any other parts in the cistern. Route in consideration of Dudley button, push plate or Electroflo.

**PLUMBING THE CISTERN**

**USE OF FLOW RESTRICTORS:**

- **White Restrictor (As fitted)**
  - Pressure Above 3.5 Bar (50psi)

- **Red Restrictor**
  - Pressure 1-3.5 Bar (15-50psi)

- **Below 1 bar (15psi)**
  - No Restrictor

**FITTING THE TUBES**

- **Bottom Entry Inlet Valve**
  - **Clear Tube** 1000 mm
  - **Green Tube** (dual flush only) 1000 mm

- **Side Entry Inlet Valve**

**IMPORTANT:** Check there is sufficient space to fit all components including the button and pneumatic tubing. Use suitable fixings to secure the hanging bracket to the wall, please note fixings are NOT supplied.