

MATRIX DOUBLE BOUNDARY BOX

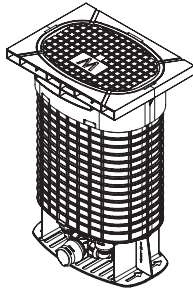
INSTALLATION INSTRUCTIONS



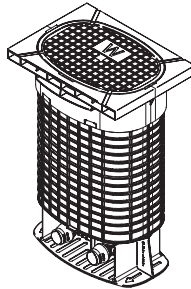
MATRIX DOUBLE BOX

Atplas boundary boxes are designed to comply with the relevant aspects of BS 5834 parts 1 and 2. This Matrix Double Box is fitted with a Class B surface box. They are designed for conveyance of cold potable water only. No warranty is given nor liability accepted by Atplas for use for any other purpose, for failure to comply with these installation instructions, or for alterations made to the boxes. Atplas recommends the use of suitable protective clothing such as gloves, overalls, eye protection and safety footwear during installation.

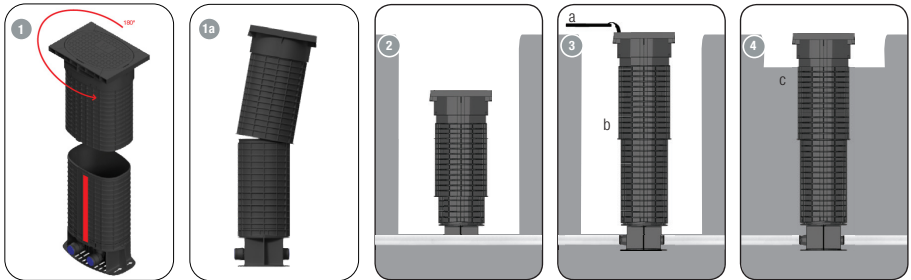
Ensure you have selected the correct box for the installation:



Single inlet, double outlet pushfit
Single inlet, double outlet PE tails



Double inlet, double outlet pushfit
Double inlet, double outlet PE tails



1. Before installation, remove the top guard tube and rotate it by 180 degrees, before replacing it to engage the ratchet. Ensure the protruding tabs are lined up with the ridged track of the fixed sleeve guard tube.

1a. If using a sealed box, angle the sliding sleeve guard tube so that the protruding clip hooks under the wiper seal groove and rotate the angled sliding sleeve guard tube over the fixed sleeve guard tube taking care to ensure the protruding clip does not roll the wiper seal.

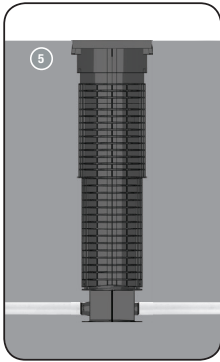
2. The service should be flushed fully to avoid any debris entering the system before connecting the service pipes. Place the complete unit in position on firm even ground and connect the inlet and outlet pipe work (Pushfit version: Insert the liner into the end of the pipe. Push pipe fully into the fitting until a hard stop is reached. PE tails version: connect using a suitable fitting for PE pipe). Avoid excess stress being placed on the connections. If necessary use additional fittings to align the pipes. The direction of the flow is indicated by an arrow on the base.

3. Open the surface box lid (a) to allow the telescopic chamber (b) to extend and adjust the box height to the approximate height of the final reinstatement level.

4. Close the lid and backfill with granular material in well compacted 100mm layers to the bottom of the surface box frame (c).

Notes: Reference should be made to HAUC regulations governing reinstatement as well as adhering to good general working practices.

INSTALLATION / OPERATION / MAINTENANCE



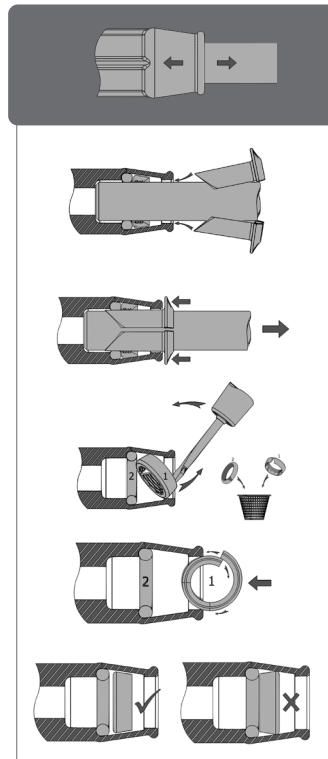
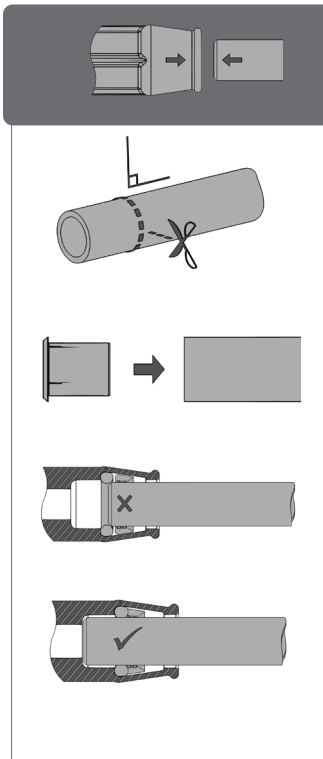
With pipe connected and ground completely surrounding box

5. Prise lid to break the seal. Using the final adjustment available in the surface box frame, ensure the frame and cover meet the final level requirement. The surface box frame may be raised approximately 25mm above the final surface level then compacted down with the surrounding material, helping to improve reinstatement quality. Close the lid and continue to backfill up to a level below the top of the surface box that allows for the top surface material thickness, compacting the backfill. Finish to the final surface level.

Ensure the surface box flange is supported by well compacted backfill in order to prevent lid settlement. Ensure that correct and accurate level and inclination are achieved to suit surrounding area to avoid potential trip hazards.

Note: For compaction and final reinstatement of the surface box, we recommend the use of contractors' rammers or similar hand tool.

TALBOT PUSHFIT



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Note: Specifications may be changed without notification at any time.

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