

LDCU STORZ DECHLORINATION UNIT

USER GUIDE

The LDCU Storz Dechlorination unit reduces chlorine levels, prior to discharge, from hydrants, during mains conditioning and testing. The device is passive and has no moving parts or power supplies.



Figure 1



Figure 2



Figure 3

Safety warnings

- Fully read and understand this document prior to use of the LDCU Storz Dechlorination Unit.
- **DO NOT** allow the outlet grill (Fig 3) to become blocked.
- **DO NOT** position the unit above ground level or plug it directly into the standpipe outlet.
- If the unit should start to move or become unstable during use, immediately reduce or stop the flow and secure the unit by adding extra weight ie. sandbags.
- Inlet hoses should be kept in straight alignment with the unit.
- Allow a minimum distance of 2m from the outlet to any obstruction ie. walls, kerb stones, or vehicle wheels.
- This unit is not intended to become part of a pressurised system.
- Observe Health & Safety recommendations issued by the manufacturer of the sodium sulphite tablets to be used.
- The user is fully responsible for the unit's safe operation and location.
- Local safe working practices and COSHH regulations should be adhered to.

Technical support

Please contact us if you need support.

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Instructions for use

- **Step 1:** rotate the Storz inlet anti-clockwise as shown in figure 1 above from the inlet end of the unit.
- **Step 2:** ensure that the unit, including the outlet grill, is free of debris, and the Storz seals are clean and in good condition.
- **Step 3:** add de-chlorination tablets (sodium sulphite) via the inlet Storz port to a maximum of six (figure 1).
- **Step 4:** re-fit the inlet Storz, this unit should be located and secure (figure 1).
- **Step 5:** attach the LDCU adaptor to the hose outlet from the standpipe and seat the unit firmly on level, stable ground.
- **Storage:** remove any remaining partially used tablets. Clean and dry the unit for storage.

Specification

- Dimensions in mm: L 720, W 280, H 250
- Weight: 4.5kg (without tablets)
- Housing material: Aluminium 6082 alloy
- Inlet: Storz 90
- Inlet Adaptor: standard male instantaneous adaptor to BS336:1989 or approved couplings.
- Pressure: <0.5 Bar running to the atmosphere.