

SECTION THREE A – DELTA AUTOMATIC H500 HOSE REEL BRANCH

INTRODUCTION

The Delta Automatic H500 hose reel branch is introduced to replace the Akron hose reel branches on all pumping appliances.

DESCRIPTION

The Delta Automatic H500 hose reel branch is of rugged construction and incorporates a slide valve mechanism which requires minimum maintenance. The slide valve allows for rapid opening and shut – off even at high pressure. In addition the mechanism automatically stabilises fluctuating pressures to maintain a constant pressure, making maximum use of available water without the need for manual adjustment.

LOCATION

Each pumping appliance will carry two Delta Automatic H500 hose reel branches attached to the hosereel on either side of the appliance.

USE

The branch is turned on and off by use of a lever mounted above the handle. The lever is marked **ON** and **OFF** and is controlled by a series of ‘click’ settings.

The stream may be altered from jet to spray by rotating the nozzle in line with the symbols indicated around the periphery. The optimum spay pattern for use in preventing flashover situations is indicated by a positive click setting. The flush setting may be obtained by rotating the nozzle fully clockwise until it stops.

The branch may be used to deliver a flow rate of between 40 to 500 l/pm depending on conditions.

SAFETY

- The Delta Automatic H500 hose reel branch should not be used on ‘branch out of control’ drills.
- A charged jet should never be pointed at personnel.
- Branches should always be opened and shut slowly to counteract the effects of jet reaction.

MAINTENANCE AND TESTING

The branch should be tested in accordance with the Fire Service Drill book and the test record on form **FB77W – Rescue Pump – Weekly Standard Test Record** or **FB89(W) – Water Tender Ladder – Weekly Standard Test Record**.

Defective branches should be reported on a form **FB103 – Equipment Defect Report** to Technical Services who will arrange for a replacement to be issued and the defective branch will be repaired by Workshops.