

TECHNICAL DATA SHEET

CODE:	NPG475
DESCRIPTION:	NOZZLE PISTOL GRIP HANDLINE 38MM BSP 115-475 LPM VAR PATTERN
CATEGORY:	FIRE HOSE NOZZLES
REVISION DATE:	30 JULY2020



PRODUCT FEATURES:

The NPG 475 variable pattern nozzle is an affordable and durable handline nozzle solution.

- All key housing components manufactured from aluminium for strength and durability
- Stainless Steel ball-valve, spinning teeth and fasteners ensure low maintenance
- Rubber oversized bumper collar indexed for easy operation when wearing gloves
- Rapid 180 degree pattern adjustment from fog to jet for easy adaptation to conditions
- Indexed five position flow selector includes FLUSH function for uninterrupted operation
- Glass reinforced oversized bale lever accommodates gloved hands while reducing pinch-points
- 38mm (1.5") BSP F swivel inlet incorporating SS strainer allows easy adaptation to Storz fittings
- High-Visibility reflective labelling for enhanced visibility when operating in low light situations

SPECIFICATIONS:

MATERIAL	INLET CONNECTION	SELECTABLE FLOW SETTINGS (LPM)	WEIGHT	DIMENSIONS (mm)	OTHER
ALLOY	38MM (1.5") BSP F	115 - 230 - 360 - 475 @ 7BAR	2.08KG	255(L) x 265(H) x 135(W)	MANUFACTURED IN ACCORDANCE WITH NFPA 1964



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NPG475 OPERATING INSTRUCTIONS:



INSERT 1 (FRONT)



INSERT 2 (REAR)



COMPONENT KEY:

1. INLET SWIVEL CONNECTION
2. OPEN CLOSE BALE LEVER
3. FLOW SELECTOR BUMPER
4. PATTERN SELECTOR BUMPER
5. FLOW & PATTERN SELECTOR GUIDE POSITION
6. BAFFLE SCREW (INSERT 1)
7. SPINNING TEETH (INSERT 1)
8. INLET FILTER SCREEN (INSERT2)

GENERAL INSTRUCTIONS:

- Do not exceed maximum operating pressure of 14 bar (200 psi).
- Optimum operating pressure of 7 bar (100 psi). Operation below this pressure may affect performance of nozzle.
- Not to be used on electrical fires.
- Ensure nozzle is aimed in safe direction and away from people when being operated.
- Always charge all lines slowly and always operate bale lever slowly to allow controlled water pressure build up.
- Ensure swivel connection thread is matched to hose fittings properly and do not over-tighten swivel connection.
- For use with water only for fire fighting operations. Do not modify nozzle in any way.

OPERATING INSTRUCTIONS:

- To open the nozzle pull the open / close bale lever back towards the inlet swivel connection
- To close the nozzle push the open / close bale lever forward towards the front of the nozzle
- To adjust the flow of water through the nozzle, rotate the flow selector bumper as required
- To change the spray pattern, rotate the pattern selector bumper clockwise for jet and anti-clockwise for fog pattern
- To flush the nozzle, rotate the flow selector anti clockwise to the FLUSH position. After flushing rotate bumper slowly back to desired flow setting

MAINTENANCE INSTRUCTIONS:

- The nozzle should be inspected before and after each use to ensure it is in good condition
- Clean the nozzle after each use with fresh, clean water only
- Regularly check that the inlet filter is unobstructed and that the baffle screw is secure

REMOVE NOZZLE FROM SERVICE IF ANY OF THE FOLLOWING ARE ENCOUNTERED:

- Damaged or missing components including broken spinning teeth
- Excessive wear
- Controls become difficult to operate
- Water leaks

