

# Type G Washdown Nozzle United States Navy

## General Description

The Type G Nozzles are washdown nozzles for use on United States Navy ships. They are external deflector type nozzles that discharge a filled cone of small water droplets at a relatively low velocity. Four frame arms support the deflector in order to help protect the nozzle from mechanical damage.

## Technical Data

### Approvals

The Type G Nozzles are manufactured in compliance with NAVSEA Drawing No. 803-1385828 and they have been qualified to the High Impact Shock requirements of MIL-S-901C (Navy), Grade A, Hull Mounted, Class I, Light Weight Test.

### Discharge Coefficient

3.0 GPM/psi<sup>1/2</sup>  
(43,2 LPM/bar<sup>1/2</sup>)

### Water Discharge Pattern

The design of water spray systems using the Type G Nozzles is to be in accordance with the applicable standards of the Naval Sea Systems Command. The approximate water discharge pattern at the deflector is 125 degrees. The recommended range of flowing pressure at the Nozzle inlet is 20 to 60 psi (1,4 to 4,1 bar).

### Thread Connection

1/2 inch NPT.

### Nozzle Marking

"G-125-.328"

### Weight

0.3 lbs (0,14 kg)

### Physical Characteristics

The Body of the Type G Nozzle is cast from aluminum bronze per ASTM B148 (UNS C95300), the Splitter is naval brass per ASTM B24 (UNS C46400), the Deflector is silicon bronze per ASTM B96 (UNS C65500), and the Pin is bronze per Navy Spec. QQSW-401.



## Installation

The Type G Nozzles must be installed in compliance with the standards of the Fire Protection Branch of the Ship Systems Directorate, Naval Sea Systems Command.

## Maintenance

The Type G Nozzles require regularly scheduled inspection and maintenance. For instructions, refer to the Preventative Maintenance System of the United States Navy.

